



Criterion II: Teaching- Learning and Evaluation

2.6 Student Performance and Learning Outcomes

2.6.2

Attainment of POs and COs are evaluated

Indapur Taluka Shikshan Prasarak Mandal's
ARTS, SCIENCE AND COMMERCE COLLEGE, INDAPUR

(Best College Awardee of S.P.P.U. Pune, 2014)
Affiliated to Savitribai Phule Pune University, Pune



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Class: M.A./ M.Sc.

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment - Academic Year 2019-20

Sem: III

Student	Gr 301			Gr 302			Gr 303			Gr 304			Gr 305			Gr 313			Gr 321			Gr 333		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co8 Attainment
S1	42	56	1	75	75	2	40	53	1	46	61	2	45	60	1	54	72	2	37	49	1	57	76	2
S2	56	75	2	86	86	3	45	60	1	55	73	2	62	83	3	60	80	3	46	61	2	63	84	3
S3	59	79	2	83	83	3	48	64	2	51	68	2	60	80	3	63	84	3	54	72	2	61	81	3
S4	53	71	2	85	85	3	43	57	1	51	68	2	60	80	3	53	71	2	45	60	1	57	76	2
S5	66	88	3	90	90	3	48	64	2	57	76	2	62	83	3	65	87	3	57	76	2	63	84	3
S6	55	73	2	82	82	3	41	55	1	49	65	2	60	80	3	52	69	2	43	57	1	53	71	2
S7	47	63	2	77	77	2	43	57	1	44	59	1	54	72	2	56	75	2	42	56	1	54	72	2
Avg			2			2.7			1.2			1.8			2.5			2.4			1.4			2.4

Class: M.A./ M.Sc.

Sem: IV

Student	Gr 401			Gr 402			Gr 403			Gr 404			Gr 405			Gr 407			Gr 424			Gr 441		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co8 Attainment
S1	46	61	2	45	60	1	60	80	3	53	71	2	54	72	2	59	79	2	57	76	2	69	69	2
S2	54	72	2	53	71	2	61	81	3	65	87	3	46	61	2	63	84	3	56	75	2	75	75	2
S3	51	68	2	58	77	2	63	84	3	63	84	3	64	85	3	68	91	3	59	79	2	78	78	2
S4	52	69	2	58	77	2	66	88	3	66	88	3	71	95	3	68	91	3	65	87	3	84	84	3
S5	60	80	3	57	76	2	68	91	3	66	88	3	72	96	3	65	87	3	64	85	3	79	79	2
S7	48	64	2	48	64	2	62	83	3	55	73	2	59	79	2	63	84	3	57	76	2	73	73	2
S8	48	64	2	48	64	2	60	80	3	57	76	2	52	69	2	63	84	3	50	67	2	70	70	2
Avg			2.1			1.8			3			2.5			2.4			2.8			2.2			2.1

Mr. Gajanan Meshram

Mr. Sandip Shinde

Dr. Sanjay Chakane

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Coordinator, IQAC
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ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2019-20

Class: M. A./ M. Sc

Sem III & IV

Semester	Course Code	Course Name	Course No.	Course Attainment
III	Gg-301	Geography of India with special Reference to Mahatrashttra	CO1	2.0
	Gg-302	Interpretation of Topographical Maps & Village Survey	CO2	2.7
	Gg-303	Research Method in Geography	CO3	1.2
	Gg-304	Social & Cultural Geography	CO4	1.8
	Gg-305	Practical in Watershed analysis	CO5	2.5
	Gg-313	Urban Geography	CO6	2.4
	Gg-321	Political Geography	CO7	1.4
	Gg-333	Practicals in Population and Settlement Geography	CO8	2.4
IV	Gg-401	Theoretical and Applied Geography	CO9	2.1
	Gg-402	Principles of Remote Sensing and GIS	CO10	1.8
	Gg-403	Practicals in Remote Sensing and GIS	CO11	3.0
	Gg-404	Geography of Food Security of India	CO12	2.5
	Gg-405	Geography of Health	CO13	2.4
	Gg-407	Regional Geography of SAARC countries	CO14	2.8
	Gg-424	Natural and Manmade Hazards	CO15	2.2
	Gg-441	Principles of Regional Geography & Project Work	CO16	2.1
			Avg	2.21

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PRINCIPAL

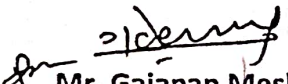
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2019-20

Class: M. A./ M. Sc

Sem III & IV

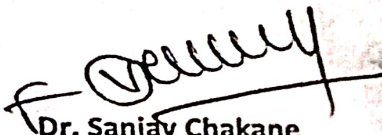
CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POS1	POS2	POS3	POS4	POS5
CO1	3	1	2	1	1	1	3	3	3	0	3	2	1	2	1
CO2	2	2	0	2	2	2	1	1	1	3	2	1	1	2	1
CO3	3	1	2	2	2	3	2	2	2	1	1	3	1	1	2
CO4	1	3	1	1	2	2	3	3	1	2	2	0	1	1	1
CO5	3	2	2	2	1	3	1	1	1	1	1	2	1	0	2
CO6	2	1	2	1	0	1	3	2	1	2	2	1	1	1	1
CO7	2	2	2	2	1	0	2	3	2	3	1	2	2	0	0
CO8	2	3	2	1	3	1	1	1	2	1	1	0	3	1	1
CO9	1	1	1	2	1	1	1	2	1	2	0	1	2	0	0
CO10	2	2	1	1	3	1	2	0	2	3	0	2	0	2	1
CO11	3	3	1	2	2	1	3	0	0	2	1	3	1	1	1
CO12	1	1	1	3	1	1	2	2	2	3	2	1	0	2	2
CO13	2	2	3	3	2	2	1	1	3	0	1	2	2	2	2
CO14	3	3	1	3	1	2	2	3	1	1	1	1	1	1	1
CO15	1	1	2	3	2	3	3	1	2	2	0	1	2	1	2
CO16	2	2	1	3	1	3	1	2	3	1	1	1	2	1	1
PO Attainment	2.23	2.27	2.15	2.26	2.18	2.21	2.19	2.10	2.10	2.19	2.24	2.16	2.19	2.26	2.24
Total PO	21.9										Total PSO	11.09			
Average PO	2.19										Average PSO	2.22			


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ARTS, SCIENCE AND
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Indirect Method) - Academic Year 2019-20

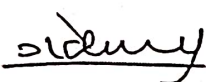
Class: M. A. II

Sem: III & IV

Sr. No.	Name of the student	Degree	Institute
1	Sawant Vishal Krishna	M. A	Shiram City Finance, Indapur
2	Golande Priyanka Haridas	M. A.	JBVP's, Presidency International School, Lakhewadi

Placement & Progression = 25 %

Level = 2 (Moderate)


Mr. Gajanan Meshram

Head

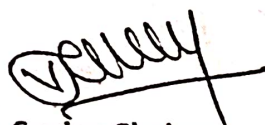
Department of Geography
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Dr. Sanjay Chakane

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INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Attainment Level of CO/PO/PSO - Academic Year 2019-20

Class: M. A. II

Sem: III & IV

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	2.21	2	1.76	0.40	2.16	2.19	2.22	Level 4

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INDAPUR-413106 DIST-PUNE

Semester	Course Code	Course Name	Course No.	Course Attainment
	30501	Adhunika Kavya	(CO1)	2.33
	30502	Bhasha Vidnyan	(CO2)	2.33
Sem III	30503	Hindi Sahitya ka Itihas	(CO3)	2.
	30504	Hindi Alochana	(CO4)	2
SEM IV	40501	Adhunika Kavita	(CO5)	2
	40502	Hindi bhasha ka Vikas	(CO6)	2
	40503	Hindi Sahitya ka Itihas (Adhunika Kal)	(CO7)	2
	40504	Bharatiya Lokasahitya	(CO8)	2
			Total	16.66
			Average	2.08

CO Attainment In Direct Method (M.A.-II)

Sr. No.	Name of the student	Degree/Profession	Institute
1	Misal Ganesh Bharat	M.P.S.C.Preparation	Indapur, Dist-Pune
2	Dhavare Sonal Nivrutti	Teacher	S.N.R.Highschool Indapur, Dist-Pune
		%	66.66%
		Attainment Level	3 (High)

DEPARTMENT OF HINDI M.A-II (A.Y. 2019-20)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
	30501	Adhunik Kavya	(CO1)	2.33	4	Singnificant ly Achieved	
Sem III	30502	Bhasha Vidnyan	(CO2)	2.33	4	Singnificant ly Achieved	
	30503	Hindi Sahitya ka Itihas	(CO3)	2.	3	Satisfafied -Achieved	
	30504	Hindi Alochana	(CO4)	2	3	Satisfafied Achieved	
SE M IV	40501	Adhunik Kavita	(CO5)	2	3	Satisfafied Achieved	
	40502	Hindi bhasha ka Vikas	(CO6)	2	3	Satisfafied Achieved	
	40503	Hindi Sahitya ka Itihas(Adhunik Kal)	(CO7)	2	3	Satisfafied Achieved	
	40504	Bharatiya Loksahitya	(CO8)	2	3	Satisfafied Achieved	
			Total	16.66			
			Average	2.08			

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डॉ. एस. एन. पवार

हिंदी विभाग प्रमुख
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f. [Signature]
PRINCIPAL
ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

CO-PO/PSO Mapping (Direct Method) M.A. Hindi 2019-20

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	2	2	3	2	3	2	2	2	1	3	3	3
Co2	3	3	2	3	3	2	3	2	3	3	3	3	2	3	2
Co3	3	2	3	2	1	3	2	3	2	3	2	2	3	1	2
Co4	3	2	3	2	2	3	1	3	2	3	3	2	2	3	3
Co5	3	2	3	2	3	1	2	2	3	3	2	3	2	2	3
Co6	3	3	2	2	3	2	2	1	2	3	2	2	2	3	2
Co7	3	2	3	3	2	2	3	2	1	3	3	3	3	2	3
Co8	3	1	3	2	3	3	2	2	3	3	2	3	2	3	2
Total	24	17	22	18	18	19	17	16	18	23	19	18	19	20	20
PO/PSO Attainment	3.0	2.12	2.75	2.25	2.25	2.37	2.12	2.0	2.25	2.87	2.27	2.25	2.37	2.5	2.5
Total PO	23.98	Total PSO = 11.89													
Ave. PO	2.39	Average PSO = 2.37													

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po

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DEPARTMENT OF HINDI M.A.(A.Y.2019-20)

Attainment level of PO-PSO-CO M.A.(A.Y.2019-20)

Attainment Level of PO-PSO-CO M.A.(A.Y.2019-20)												
Sr. No.	Departm ent	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method		Attainme nt of CO	Average Attainment of PO	Average Attainment of PSO	Attainment level for PO'S/ PSO'S		
					II	I+II				Level	Target Attainment	Target Achievement
					1	Hindi	2.08	3.0	1.66	0.6	2.26	3.39

Signature

डॉ. एस.एन. पवार
हिंदी विभाग प्रमुख
कला शिक्षण आणि वाणिज्य महाविद्यालय
इंदापूर, जि. पुणे. 413106

Signature

PRINCIPAL
ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

DEPARTMENT OF ECONOMICS (A.Y. 2019-20)

Course Attainment (Direct Method) (M.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
III	32301	Macro Economics-I	(CO1)	1.3
	32302	Growth and Development-I	(CO2)	2
	32303	Research Methodology	(CO3)	2.1
	32305	Demography	(CO4)	1.6
	42301	Macro Economics-II	(CO5)	1.2
IV	42302	Growth and Development-II	(CO6)	1.6
	42303	Research Project	(CO7)	1.8
	42306	Economics of Environment	(CO8)	1.6
			Total	13.2
			Average	1.65

[Signature]

HOD

Department of Economics
A.S.C.College,Indapur,
Dist.Pune.413106

[Signature]

Principal

ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree/ JOB	Institute
1.	Kshirsagar Ajay Pandurang	Bank	BOB,NIRA NARSINGPUR
2.	Chaudhari Sonali Santosh	Private job	Company
3.	Kakade Ganesh Ankush	BUSINESS	OWN

Placement & Progression = 3/9 x100

= 33.33 %

Level = 2 (Moderate)

Head
Department of Economics
A.S.C.College,Indapur,
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CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	3	2	3	2	1	1	2	2	2	2	3	2	2	3
Co2	3	2	3	3	2	1	3	2	2	3	1	2	3	1	1
Co3	3	2	2	3	2	2	3	1	1	2	1	1	2	1	1
Co4	3	2	3	3	2	3	1	2	2	1	3	2	1	1	3
Co5	1	3	1	3	2	2	1	3	1	1	2	2	1	3	2
Co6	2	3	1	3	1	1	2	2	1	1	1	2	2	1	2
Co7	1	3	3	3	2	3	3	2	2	2	1	3	1	3	2
Co8	1	2	3	3	2	3	1	2	1	2	3	2	3	2	2
Total	16	20	18	24	15	16	15	16	12	14	14	17	15	14	16
PO/PSO	20.8	26.1	38.4	38.4	22.1	15.6	16.2	21.9	17.9	27.2	1.75	2.125	1.875	1.75	2
Attainment															
Total Po	16.73303571										Total Pos	8.037240896			
Average	1.673303571										Average	1.607448179			

PO /PSO Direct Attainment =

$\Sigma(\text{Overall CO attainment} \times \text{PO/PSO Level})$

Σ (Level of mapping PO/PSO with CO)

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Attainment Level of CO-PO-PSO (A.Y. 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.65	2	1.32	0.40	1.72	1.67	1.60	Level 3


Head

Department of Economics
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Dist.Pune.413106


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	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Arts, Science And Commerce College, Indapur												
2	DEPARTMENT OF HISTORY (MA) (A.Y. 2019-20)												
3	Course Attainment by Direct Method MA_History_(2019-20)												
4													
5	Student	CO1			CO2			CO3			CO4		
6		Marks	%	Att.	Marks	%	Att.	Marks	%	Att.	Marks	%	Att.
7													
8	Bobade Vinod Dattarya	60	60	1	68	68	2	58	58	1	53	53	1
9	Gophane Sarika Tanya	77	77	2	72	72	2	69	69	2	78	78	2
10	Kakade Aparna Popat	82	82	3	77	77	2	70	70	2	81	81	3
11	Pandhare Dipali Sunil	72	72	2	73	73	2	64	64	2	73	73	2
12	Shaikh Asma Nisar	75	75	2	76	76	2	68	68	2	78	78	2
13	Shinde Sagar Shivaji	66	66	2	64	64	2	63	63	2	66	66	2
14	Attainment	72	72	2	71.67	72	2	65.33	65.333	1.83	71.5	71.5	2


 इतिहास विभाग प्रमुख
 कला विज्ञान आणि वाणिज्य महाविद्यालय
 इंदापूर, जि. पुणे


 PRINCIPAL
 ARTS, SCIENCE AND
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 INDAPUR-413106 DIST-PUNE

Arts, Science And Commerce College, Indapur
DEPARTMENT OF HISTORY (MA) (A.Y. 2019-20)

Course Attainment (Direct Method)

Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
42291	History of Modern India (1857-1971)	(CO1)	2	Satisfactory achieved PO/ PSO	Satisfactory achieved
42292	Intellectual History of Modern West	(CO2)	2	Satisfactory achieved PO/ PSO	Satisfactory achieved
42293	World After World War 2 (1945-2000)	(CO3)	1.8	Satisfactory achieved PO/ PSO	Need Extra lectures
42294	Maharashtra in 20th Century	(CO4)	2	Satisfactory achieved PO/ PSO	Satisfactory achieved
Total			1.95	Satisfactory achieved PO/ PSO	Satisfactory achieved



इतिहास विभाग प्रमुख
गणेश बापूजी शिंदे
इंदापूर, जि. पुणे



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INDAPUR-413106 DIST-PUNE

Arts, Science And Commerce College, Indapur

DEPARTMENT OF HISTORY (MA) (A.Y. 2019-20)

COOP/PSO Mapping (Direct Method)

COOP/PSO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	1	3	1	2	2	2	3	1	2	2	1
Co2	1	2	1	1	2	0	3	2	3	3	2	2	3	3	2
Co3	2	2	3	3	3	2	2	1	1	2	0	0	3	1	1
Co4	3	2	2	1	2	1	1	2	2	1	3	2	1	2	3
Co5	2	3	2	2	1	2	0	3	1	1	1	3	1	1	2
Co6	1	3	3	3	0	1	2	2	1	3	0	2	2	0	1
Total	12	13	14	13	9	9	9	12	10	12	9	10	12	9	10
PO/PSO attainment	1.47	1.05	1.24	1.18	1.71	1.29	1.51	1.15	1.58	1.30	1.78	1.00	1.45	1.76	1.38
TOTAL PO	13.48	23.13								TOTAL PSO	7.36				
Average	1.35									Average	1.47				
PO/PSO Direct Attainment = $\frac{\sum (\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum (\text{Level of mapping PO/PSO with CO})}$															

इतिहास विभाग प्रमुख

राज विज्ञान आर्गन साईट
इंदापूर, जि. पुणे

PRINCIPAL

ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Arts, Science And Commerce College, Indapur

DEPARTMENT OF HISTORY (MA) (A.Y. 2019-20)

Attainment Level of CO-PO-PSO

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	History	1.95	1	1.56	0.2	1.76	1.35	1.47	Level 4

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इतिहास विभाग प्रमुख

कला विभाग। गीत वर्णजय महाविद्यालय

इंदापूर, जि. पुणे

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PRINCIPAL

ARTS, SCIENCE AND

COMMERCE COLLEGE

INDAPUR-413106 DIST-PUNE

Arts, Science And Commerce College, Indapur
 DEPARTMENT OF HISTORY (MAY-2019-20)

ATTENTION OF ALL STUDENTS

Sl. No.	Name of the student	Degree	Institute
1	Planchura A. Poojeshwar	1	1 (low)

V.O.

प्रमाणित करण्यात येत आहे
 की वरील विद्यार्थी या परीक्षेत
 यशस्वीपणे उत्तीर्ण झाला आहे


 PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106 DIST-PUNE

Department of Zoology (AY 2019-20)
Course Attainment (Direct Method)

Student Name	CO1 SO301			CO2 SO305			CO3 SO307			CO4 SO309			CO5 SO311			CO6 SO314			CO7 SO318			CO8 SO320			CO9 SO322			CO10 SO323			CO11 SO324			CO12 SO401			CO13 SO404			CO14 SO406			CO15 SO409			CO16 SO410		
	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment	Mark %	% Attain ment				
AMA	55	55	1	35	70	2	37	74	2	35	70	2	27	54	1	46	46	1	33	66	2	35	70	2	34	68	2	32	64	2	35	70	2	76	76	2	38	76	2	40	80	2	40	80	2	36	72	2
MBIG	69	69	2	40	80	3	43	86	3	40	80	2	40	80	2	63	63	2	38	76	2	41	82	3	43	86	3	38	76	2	46	92	3	87	87	3	44	88	3	42	84	2	38	76	2			
MAG	46	46	1	29	58	1	28	56	1	35	70	2	27	54	1	36	36	0	31	62	2	29	58	1	34	68	2	29	58	1	30	60	1	66	66	2	26	52	1	32	64	2	38	76	2			
SNG	55	55	1	35	70	2	35	70	2	37	74	2	31	62	2	52	52	1	34	68	2	40	80	1	36	72	2	41	82	3	40	80	2	86	86	3	43	86	3	37	74	2	41	82	3			
MSK	60	60	1	34	68	2	41	82	3	36	72	2	33	66	2	60	60	1	37	74	2	39	78	2	38	76	2	41	82	3	34	68	2	79	79	2	43	86	3	35	70	2	43	86	3			
SPK	56	56	1	35	70	2	34	68	2	33	66	2	32	64	2	56	56	1	35	70	2	39	78	2	37	74	2	41	82	3	38	76	2	27	54	1	62	62	2	34	68	2						
AHP	58	58	1	35	70	2	34	68	2	39	78	2	34	68	2	60	60	1	38	76	2	41	82	3	41	82	3	38	76	2	27	54	1	80	80	2	43	86	3	43	86	3	38	76	2			
SSR	58	58	1	37	74	2	40	80	2	36	72	2	37	74	2	55	55	1	39	78	2	38	76	2	36	72	2	37	74	2	30	60	1	80	80	2	43	86	3	43	86	3	38	76	2			
KDR	53	53	1	28	56	1	26	52	1	27	54	1	24	48	1	36	36	0	28	56	1	31	62	2	38	76	2	37	74	2	35	70	2	85	85	3	41	82	3	38	76	2	37	74	2			
KVS	69	69	2	38	76	2	39	78	2	41	82	3	38	76	2	58	58	1	37	74	2	40	80	2	39	78	2	37	74	2	31	62	2	88	88	3	41	82	3	40	80	2	39	78	2			
VAS	52	52	1	37	74	2	37	74	2	30	60	1	30	60	1	53	53	1	33	66	2	37	74	2	31	62	2	32	64	2	12	24	0	88	88	3	41	82	3	40	80	2	39	78	2			
SOK	52	52	1	35	70	2	35	70	2	34	68	2	32	64	2	47	47	1	34	68	2	37	74	2	37	74	2	42	84	3	35	70	2	79	79	2	41	82	3	39	78	2	36	72	2			
Average	57	56.9	1.17	35	69.7	1.92	36	71.5	2	35	70.5	1.92	32	64.2	1.67	52	51.8	0.92	35	69.5	1.92	37	74.5	2	37	74	2	37	74	2	42	84	3	75.9	75.9	2.25	38	76.5	2.42	37	73.7	2.08	39	78.5	2.17			

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Dr. J. P. Sarwade
M.Sc., Ph.D., FZSI

Head

Department of Zoology,
M. S. College, Chikmagalur,

Art. 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

CO17 SOA12			CO18 SOA15			CO19 SOA18			CO20 SOA11			CO21 SOA12			CO22 SOA39		
Mark	%	Mark	%	Mark	%	Mark	%	Mark	%	Mark	%	Mark	%	Mark	%	Mark	%
44	88	3	39	78	2	37	74	2	41	82	3	39	78	2	39	78	2
44	88	3	39	78	2	37	74	2	41	82	3	39	78	2	39	78	2
71	71	2	48	96	3	47	94	3	45	90	3	46	92	3	48	96	3
71	71	2	48	96	3	47	94	3	45	90	3	46	92	3	48	96	3
70	70	2	35	70	2	39	78	2	41	82	3	40	80	2	35	70	2
70	70	2	35	70	2	39	78	2	41	82	3	40	80	2	35	70	2
76	76	2	45	90	3	42	84	3	43	86	3	44	88	1	45	90	3
76	76	2	45	90	3	42	84	3	43	86	3	44	88	1	45	90	3
71	71	2	45	90	3	44	88	3	45	90	3	45	90	3	46	92	3
71	71	2	45	90	3	44	88	3	45	90	3	45	90	3	46	92	3
72	72	2	45	90	3	43	86	3	39	78	2	46	92	3	46	92	3
72	72	2	45	90	3	43	86	3	39	78	2	46	92	3	46	92	3
65	65	2	46	92	3	44	88	3	43	86	3	45	90	3	46	92	3
65	65	2	46	92	3	44	88	3	43	86	3	45	90	3	46	92	3
62	62	2	44	88	3	41	82	3	42	84	3	43	86	3	44	88	3
62	62	2	44	88	3	41	82	3	42	84	3	43	86	3	44	88	3
68	68	2	24	48	1	29	58	1	27	54	1	27	54	1	27	54	1
68	68	2	24	48	1	29	58	1	27	54	1	27	54	1	27	54	1
76	76	2	44	88	3	42	84	3	39	78	2	43	86	3	44	88	3
76	76	2	44	88	3	42	84	3	39	78	2	43	86	3	44	88	3
72	72	2	40	80	2	40	80	2	37	74	2	37	74	2	37	74	2
72	72	2	40	80	2	40	80	2	37	74	2	37	74	2	37	74	2
70	70	2	43	86	3	39	78	2	39	78	2	39	78	2	39	78	2
70	70	2	43	86	3	39	78	2	39	78	2	39	78	2	39	78	2
71.8	2.08	42	83.2	2.58	41	81.2	2.5	40	80.2	2.5	38	76.3	1.83	44	88.2	2.58	2.58

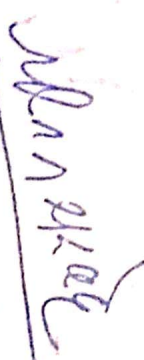
Dr. J. P. Sawade

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Head
Department of Zoology,
Arts, Science & Commerce College,
Indapur, Dist. Pune - 413106

Department of Zoology (2019-20) Course attainment by Direct method M.Sc. Zoology				
	Course Code	Course Name	Course No.	Course Attainment
Sem-I	50301	ZY 301T Animal Physiology I	CO1	1.27
	50305	ZY 302T Immunology / Environmental	CO2	1.92
	50307	ZY 303T Genetic toxicology / Aqu	CO3	2.00
	50309	ZY304T Insect physiology and bio	CO4	1.92
	50311	ZY305T Research methodology	CO5	1.67
	50312/50314	ZY307T Fundamentals of System	CO6	0.90
	50318	Practicals in Animal Physiology	CO7	1.92
	50320	Practicals in Immunology / Enviro	CO8	2.00
	50322	ZY305 P Practical in Research me	CO9	2.17
	50324	Practicals in Fundamentals of Sys	CO10	2.08
	50325	ZY308 P Research Project	CO11	1.58
	50401	ZY 401T Animal Physiology II	CO12	2.25
Sem-II	50404	ZY 402 T Economic Zoology	CO13	2.42
	50406	ZY 403T Mammalian reproductive	CO14	2.08
	50409	ZY405T Pollution biology	CO15	2.17
	50410	ZY406T Apiculture	CO16	2.00
	50413	ZY 401 P Practical Animal Physiol	CO17	2.08
	50416	ZY 402 P Practical Economic Zool	CO18	2.58
	50418	ZY 403 P Practical Mammalian re	CO19	2.50
	50421	ZY405 P Practical Pollution biolog	CO20	2.50
	50422	ZY406 P Practical Apiculture	CO21	1.83
	50423	ZY308 P Research Project	CO22	2.58
	Total			44.42
	Average			2.02

Dr. J. P. Sawade
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 Arts, Science & Commerce College,
 Indapur, Dist. Pune - 413106

Attainment of CO (Indirect Method)			
Sr. No.	Name of the student	Degree/profession	Institute
1	Gaikwad Monika Balu	Job	Coaching Classes
2	Shubhda Rannware	Job	Vidyaniketan Lakhewadi
3	Pavar Ashvini	Job	ASC College, Indapur
4	Raut Komal	Job	ASC College, Indapur
5	Ghogare Mayuri	Job	ASC College, Indapur
6	Shelar Karishma	B.ed	Sangola
	Placement and Progression=		50
	Level =		3


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 Indapur, Dist. Pune - 413106

CO-PO/PSO Mapping (Direct Method) 2019-20

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	2	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	3	3	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
CO7	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2
CO8	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO14	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO16	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
CO17	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2
CO18	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO20	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
CO21	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total	32	38	43	38	35	43	43	43	43	43	39	43	43	43	43
Attainment	1.9775	2.058947	2.050465	2.051579	2.054857	2.050465	2.050465	2.050465	2.050465	2.050465	2.044872	2.050465	2.050465	2.050465	2.050465
Total	20.44567										10.24673				
Average	2.044567										2.049346				

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Dr. J. P. Sawade

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Department of Zoology,
Arts, Science & Commerce College,
Indapur, Dist. Pune - 413106

Attainment Level of PO-PSO-CO (2019-20) MSc Zoology										Level of attainment
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO		
1	Zoology	2.02	3	1.47	0.6	I+II	2.04	2.04		

Dr. J. P. Sawade

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M.Sc., Ph.D., FZSI

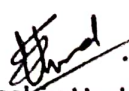
Head
Department of Zoology,
Arts, Science & Commerce College,
Indapur, Dist. Pune - 413106

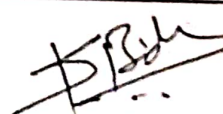
ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Calculation for CO Attainment - Academic Year 2019-20

Class - M. Com

Sem - III

Sr. No.	Name of the student	301			302			303			304		
		Marks	%	CO1 Attainment	Marks	%	CO2 Attainment	Marks	%	CO3 Attainment	Marks	%	CO4 Attainment
1	BHAGAT PAYAL NADKUMAR	33	33	1	79	79	2	51	51	1	53	53	1
2	BHOSALE DIPAK BALIRAM	28	28	1	74	74	2	56	56	1	71	71	2
3	CHAVARE ONKAR CHANDRAKANT	28	28	1	34	34	1	28	28	1	16	16	1
4	CHITARE VISHAL BALBHIM	26	26	1	76	76	2	26	26	1	57	57	1
5	DEOKAR DIPALI DADARAM	32	32	1	74	74	2	54	54	1	56	56	1
6	DHAVAL DIPAK GAJENDRA	27	27	1	67	67	2	52	52	1	47	47	1
7	DIVASE SHITAL BHARAT	31	31	1	66	66	2	51	51	1	51	51	1
8	GADADE RAHUL KUNDLIK	30	30	1	72	72	2	49	49	1	49	49	1
9	GAIKWAD SWAPNALI ABASAHEB	34	34	1	67	67	2	52	52	1	49	49	1
10	JAGTAP DIPALI SHAHAJI	50	50	1	74	74	2	26	26	1	50	50	1
11	KHADAKE SUMIT SUBHASH	26	26	1	60	60	1	32	32	1	53	53	1
12	LAVAND GANESH JAGANNATH	25	25	1	60	60	1	49	49	1	17	17	1
13	MAGAR VISHWAJIT VAJJINATH	20	20	1	75	75	2	56	56	1	68	68	1
14	NARUTE MAHENDRA SAHEBRAO	27	27	1	69	69	2	25	25	1	47	47	1
15	MALSHIKHARE MAYURI JANARDHAN	60	60	1	75	75	2	27	27	1	66	66	2
16	MANE YSHODIP MOHANRAO	28	28	1	65	65	2	52	52	1	57	57	1
17	MANE TEJAS RAGHUNATH	28	28	1	72	72	2	51	51	1	57	57	1
18	NARUTE SONALI ARJUN	33	33	1	73	73	2	50	50	1	59	59	1
19	PAWAR KRUSHNA SHARAD	56	56	1	73	73	2	28	28	1	51	51	1
20	RAJGURU PRADIP CHANDRABHAN	29	29	1	76	76	2	26	26	1	60	60	1
21	SALUNKE YOGESH DATTATRY	24	24	1	72	72	2	25	25	1	44	44	1
22	SHINDE HARIDAS VITTAL	27	27	1	61	61	2	28	28	1	47	47	1
23	SHIVRAJE SHUBHAM RAJESH	28	28	1	32	32	1	26	26	1	26	26	1
24	TAMBOLI ARBAZ YUSU	25	25	1	75	75	2	57	57	1	65	65	1
25	WAGHMODE PRAJAKTA MADHAV	31	31	1	79	79	2	29	29	1	59	59	1
26	WAGHMARE RANJIT BALU	28	28	1	63	63	2	25	25	1	51	51	1
27	BHOSALE KOMAL NANASO	61	61	2	76	76	2	56	56	1	79	79	1
28	BORKAR NANASO ASHOK	56	56	1	63	63	2	51	51	1	54	54	1
29	DEVKAR SAVITA NANASO	56	56	1	73	73	2	51	51	1	72	72	2
30	GHOARE SUJATA DILIP	58	58	1	75	75	2	53	53	1	50	50	1
31	GHOARE TANUJA NARAYAN	69	69	2	79	79	2	58	58	1	75	75	2
32	HEGADE PUJA UTTAM	59	59	1	76	76	2	52	52	1	54	54	1
33	KADAM MAOJ ABHIMANYU	65	65	2	74	74	2	53	53	1	67	67	2
34	KOTHARI SANKET SUMITLAL	53	53	1	69	69	2	49	49	1	71	71	2
35	NARUTE SANGITA BHIMRAO	59	59	1	77	77	2	57	57	1	78	78	2
36	SHAH SAMATA ASHOK	61	61	2	79	79	2	55	55	1	58	58	1
37	SHAIKH SHAFIK RAFIK	57	57	1	77	77	2	57	57	1	59	59	1
38	NAVDKAR SOMNATH MALHARI	20	20	1	68	68	2	49	49	1	53	53	1
39	SAWANT GANESH SHANKAR	29	29	1	33	33	1	25	25	1	33	33	1
40	MAHADIK MADHURI DNYANDEO	54	54	1	79	79	2	49	49	1	70	70	2
Average				1.10			1.88			1.00			1.20


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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Calculation for CO Attainment - Academic Year 2019-20

Class - M. Com

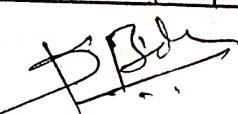
Sem - IV

Sr. No.	Name of the student	401			402			403			404		
		Marks	%	CO5 Attainment	Marks	%	CO6 Attainment	Marks	%	CO7 Attainment	Marks	%	CO8 Attainment
1	BHAGAT PAYAL NADKUMAR	71	71	2	74	74	2	79	79	2	85	85	1
2	BHOSALE DIPAK BALIRAM	74	74	2	81	81	1	72	72	2	83	83	3
3	CHAVARE ONKAR CHANDRAKANT	49	49	1	61	61	2	58	58	1	72	72	2
4	CHITARE VISHAL BALBHIM	65	65	2	76	76	2	69	69	2	81	81	3
5	DEOKAR DIPALI DADARAM	73	73	2	77	77	2	77	77	2	82	82	3
6	DHAVAL DIPAK GAJENDRA	64	64	2	69	69	2	71	71	2	82	82	3
7	DIVASE SHITAL BHARAT	69	69	2	76	76	2	72	72	2	76	76	2
8	GADADE RAHUL KUNDLIK	60	60	2	69	69	2	69	69	2	77	77	2
9	GAIKWAD SWAPNALI ABASAHEB	72	72	2	76	76	2	76	76	2	76	76	2
10	JAGTAP DIPALI SHAHAJI	67	67	2	76	76	2	67	67	2	79	79	2
11	KHADAKE SUMIT SUBHASH	56	56	1	70	70	2	65	65	2	73	73	2
12	LAVAND GANESH JAGANNATH	59	59	1	65	65	2	63	63	2	75	75	2
13	MAGAR VISHWAJIT VAJJINATH	71	71	2	76	76	2	67	67	2	83	83	3
14	NARUTE MAHENDRA SAHEBRAO	63	63	1	68	68	2	67	67	2	79	79	2
15	MALSHIKHARE MAYURI JANARDHAN	74	74	2	79	79	2	78	78	2	81	81	3
16	MANE YSHODIP MOHANRAO	69	69	2	77	77	2	72	72	2	83	83	3
17	MANE TEJAS RAGHUNATH	68	68	2	77	77	2	71	71	2	77	77	2
18	NARUTE SONALI ARJUN	75	75	2	73	73	2	73	73	2	82	82	3
19	PAWAR KRUSHNA SHARAD	73	73	2	77	77	2	70	70	2	80	80	3
20	RAJGURU PRADIP CHANDRABHAN	69	69	2	72	72	2	67	67	2	79	79	2
21	SALUNKE YOGESH DATTATRY	63	63	2	74	74	2	67	67	2	77	77	2
22	SHINDE HARIDAS VITTAL	68	68	2	72	72	2	65	65	2	79	79	2
23	SHIVRAJE SHUBHAM RAJESH	38	38	1	59	59	1	56	56	1	63	63	2
24	TAMBOLI ARBAZ YUSU	70	70	2	77	77	2	70	70	2	80	80	2
25	WAGHMODE PRAJAKTA MADHAV	77	77	2	77	77	2	70	70	2	80	80	2
26	WAGHMARE RANJIT BALU	59	59	1	68	68	2	63	63	2	75	75	2
27	BHOSALE KOMAL NANASO	76	76	2	81	81	3	76	76	2	87	87	3
28	BORKAR NANASO ASHOK	68	68	1	77	77	2	71	71	2	82	82	3
29	DEVKAR SAVITA NANASO	70	70	2	79	79	2	72	72	2	84	84	3
30	GHOHARE SUJATA DILIP	62	62	2	78	78	2	78	78	2	81	81	3
31	GHOHARE TANUJA NARAYAN	82	82	3	77	77	2	81	81	3	84	84	3
32	HEGADE PUJA UTTAM	71	71	2	76	76	2	74	74	2	85	85	3
33	KADAM MAOJ ABHIMANYU	68	68	2	79	79	2	79	79	2	84	84	3
34	KOTHARI SANKET SUMITLAL	65	65	2	71	71	2	74	74	2	85	85	3
35	NARUTE SANGITA BHIMRAO	74	74	2	76	76	2	74	74	2	85	85	3
36	SHAH SAMATA ASHOK	72	72	2	79	79	2	72	72	2	86	86	3
37	SHAIKH SHAFIK RAFIK	70	70	2	79	79	2	75	75	2	84	84	3
38	NAVDKAR SOMNATH MALHARI	62	62	2	55	55	1	58	58	1	71	71	2
39	SAWANT GANESH SHANKAR	65	65	2	73	73	2	70	70	2	83	83	3
40	MAHADIK MADHURI DNYANDEO	65	65	2	75	75		68	68	2	84	84	3
	Average			1.85			2.44			1.95			2.53


Dr. Sadashiv Umbardand

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Calculation for CO Attainment - Academic Year 2019-20

M. Com.

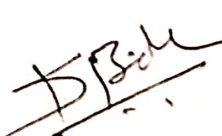
Sem - III & IV

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	301	Business Finance	CO1	1.10
	302	Research Methodology for Business	CO2	1.88
	303	Advanced Auditing	CO3	1.00
	304	Specialised Area in Accountacny	CO4	1.20
Sem IV	401	Capital Market and Finance Service	CO5	1.85
	402-A	Industrial Economics Environment	CO6	2.44
	403	Recent advances in Accounting Taxation and Auditing	CO7	1.95
	404	Project Work.	CO8	2.53
			Average	1.74


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Class: M. Com.

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2019-20

Sem - III & IV

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	1	3	1	1	1	2	1	2	2	1	3	1
CO2	2	2	2	2	1	0	2	3	2	3	2	1	2	3	2
CO3	2	1	2	1	0	1	3	2	1	2	1	3	1	3	1
CO4	3	2	2	2	1	3	1	1	1	2	3	2	3	3	2
CO5	1	3	1	1	2	2	3	3	1	1	2	1	1	2	3
CO6	3	1	2	2	2	3	2	2	2	2	1	3	1	1	1
CO7	2	2	0	2	2	3	2	2	2	1	3	2	1	2	1
CO8	3	1	2	1	1	1	3	3	3	0	1	1	1	1.65	1.80
PO/PSO Attainment	1.79	1.66	1.70	1.79	1.78	1.78	1.81	1.87	1.88	1.69	1.67	1.67	1.66	1.65	
Total PO	17.75										Total PSO	8.45			
Average PO	1.78										Average PSO	1.69			

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Class: M. Com.

ITS PM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Attainment Level of CO/PO/PSO - Academic Year 2019-20

Sem - III & IV

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Commerce	1.74	1	1.39	0.20	1.59	1.78	1.69	3

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Dr. Sanjay Chakane

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Course Attainment (Direct Method) - Academic Year 2019-20

Class: M. Com.

Sem - III & IV

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
Sem III	301	Business Finance	CO1	1.10	2	Partially Achieved	Difficult concepts to understand
	302	Research methodology for business	CO2	1.88	3	Satisfactorily Achieved	
	303	Advanced auditing	CO3	1.00	2	Partially Achieved	Less practical knowledge
	304	Specialised auditing	CO4	1.20	2	Partially Achieved	Less practical knowledge
Sem IV	404	Capital market and Finance Service	CO5	1.85	3	Satisfactorily Achieved	
	402	Industrial economics	CO6	2.44	4	Significantly Achieved	Students are learned actively due to practical knowledge
	403	Recent advances in accountingTaxation and auditing	CO7	1.95	3	Satisfactorily Achieved	
	404	Project Work.	CO8	2.53	5	Completely Achieved	Students are interested to learn basic conce of research, Group discussion

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INDAPUR-413106 DIST-PUNE

Class T. V. B. A.

Annual

Sr. No.	Name of the students	3207		
		Marks	%	Attainment
1	BANSODE AMITOSH TRISHARAJI	40	40	1
2	BANSUDI AARTI SHIVAJI	65	65	2
3	BANSUDI SAGAR ASHOK	62	62	2
4	BHONG KUNKA AMBADAS	47	47	1
5	DADAS AMOL ARJUN	9	9	1
6	DARADE PRAFULL LALASO	54	54	1
7	DEOKAR NISHIGANDHA ATMARAM	64	64	2
8	DESHMUKH MANISHA PRATAP	50	50	1
9	DEVKATE KAJAL BHAIRU	68	68	2
10	DHUKI SAMBHAJI SUDAM	63	63	2
11	GAIKWAD MAHAVEER HANUMANT	AB	AB	1
12	GOSAVI DNYANESHWAR PRABHAKAR	49	49	1
13	KADAM CHAITANYA CHANDRAKANT	53	53	1
14	KHARAT PREMSAGAR PANDURANG	51	51	1
15	LONDHE PRAJYOTI SATISH	55	55	1
16	MANDHARE KAILAS GENDEO	69	69	2
17	MHASKE NIKHIL GOVIND	9	9	1
18	PATIL VIJAYKUMAR DILIP	34	34	1
19	PAWAR SONALI RAMLING	60	60	2
20	RAUT RANAJIT CHANDRAKANT	AB	AB	1
21	SHAIKH SHAHRUKH DILAWAR	54	54	1
22	SHELAR SHARAD MAHADEV	81	81	3
23	SHINDE NILAM PRAKASH	72	72	2
24	ZAGADE POOJA TATYARAM	71	71	2
25	ABHANG AMRUTA GENDEV	77	77	2
26	BANDGAR SUNIL HARIDAS	72	72	2
27	BANKAR PUJA BALU	77	77	2
28	BANSUDE VAIBHAV SHIVAJI	82	82	3
29	BHANGE VISHAL VINOD	39	39	1
30	BHIL KIRAN SADASHIV	76	76	2
31	BHISE SACHIN KAILAS	68	68	2
32	BORATE SAURABH BHARAT	80	80	2
33	CHAVAN SIDDHESHWAR ASHRU	60	60	2
34	DEVKATE KIRAN BHAIRU	91	91	3
35	DHAKTODE RUSHIKESH POPAT	59	59	1
36	DHAVALA ROSHAN GANESH	56	56	1
37	DHIRE SHANKAR RATANSING	61	61	2
38	DHOTRE JYOTI BABASAHEB	65	65	2
39	DEVKATE KIRAN BHAIRU	91	91	3
40	DHAKTODE RUSHIKESH POPAT	59	59	1
41	DHAVALA ROSHAN GANESH	56	56	1
42	DHIRE SHANKAR RATANSING	61	61	2

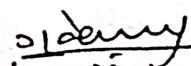
43	DHOTRE JYOTI BABASAHEB	65	65	2
44	DEVKATE KIRAN BHAIRU	91	91	3
45	DHAKTODE RUSHIKESH POPAT	59	59	1
46	DHAVAL ROCHAN GANESH	56	56	1
47	DHIRE SHANKAR RATANSING	61	61	2
48	DHOTRE JYOTI BABASAHEB	65	65	2
49	GAIKWAD AKASH TANAJI	58	58	1
50	GAIKWAD MEGHA KISAN	48	48	1
51	GAIKWAD RUNALI VIKAS	55	55	2
52	GALANDE MAHESH BHARAT	77	77	3
53	GHOGARE AKASH BALASAHEB	85	85	3
54	GUTAL HARSHALI DADARAM	81	81	2
55	HONMANE GANESH VILAS	66	66	1
56	JAGTAP RESHMA PANDURANG	55	55	2
57	JAGTAP RUPALI VITTHAL	66	66	1
58	JANKAR AKASH SADHU	47	47	3
59	JAWALE HARSHADA BHIMRAO	81	81	3
60	KACHARE PRAVIN BAPU	82	82	3
61	KACHARE SHUBHAM RANU	82	82	1
62	KADAM SANDESH RATILAL	16	16	2
63	KALE SURAJ SUBHASH	66	66	2
64	KARE BHANUDAS ARJUN	79	79	1
65	KHANDALE MONALI CHANDRAKANT	58	58	2
66	KHILARE ASHWINI SHIVAJI	71	71	2
67	KHOCHARE AKSHAY GAJANAN	68	68	1
68	KISAVE AKSHAY NARAYAN	59	59	2
69	KOKARE AMOL BANDU	72	72	3
70	KULTHE ROHIT BAPU	83	83	2
71	KUMBHAR SUKHDEV KISAN	74	74	2
72	MANE MANOJ SOMNATH	72	72	2
73	MARKAD DIPAK POPAT	68	68	3
74	MARKAD KRUSHNA SANTOSH	98	98	1
75	MORE SAGAR HANUMANT	47	47	2
76	MORE SUJIT VIJAY	67	67	2
77	MUJAVAR MOHAMMADASIF HIRALAL	75	75	2
78	PAREKAR TUSHAR VITTHAL	80	80	1
79	PATHAN SHAINAZ RASUL	8	8	2
80	RODE VIJAY RAJENDRA	77	77	2
81	SARADE RUSHIKESH GORAKH	64	64	2
82	SAWANE SHANTANU SIDDHARTH	77	77	2
83	SHAIKH SOHEL JALAL	60	60	1
84	SHENDAGE VISHAL VITTHAL	46	46	1
85	SHINDE AKSHAY HARI	54	54	2
86	SHINDE KAOSALYA GANPAT	62	62	2
87	SHINGADE MAITHILI AMBADAS	78	78	2
88	SHINGADE NILESH RAMDAS	79	79	2
89	SHRIRAME DATTATRAY PANDURANG	69	69	2
90	SONAWANE NAGESH JAYKUMAR	80	80	2
91	SONI MADHURI RASHPALSINH	63	63	2
92	URMUDE BAPU RAJENDRA	71	71	2

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
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Calculation for CO Attainment - Academic Year 2019-20

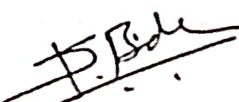
Class: T. Y. B. A.

Annual

Sr. No.	Name of the students	3208 (CO2)			3209 (CO3)		
		Marks	%	Attainment	Marks	%	Attainment
1	ABHANG AMRUTA GENDEV	81	81	3	70	70	2
2	BANKAR PUJA BALU	60	60	1	72	72	2
3	BHANGE VISHAL VINOD	61	61	2	56	56	1
4	BHIL KIRAN SADASHIV	83	83	3	83	83	3
5	BHISE SACHIN KAILAS	68	68	2	81	81	3
6	BORATE SAURABH BHARAT	74	74	2	74	74	2
7	DHIRE SHANKAR RATANSING	68	68	2	61	61	2
8	DHOTRE JYOTI BABASAHEB	71	71	2	64	64	2
9	GHOHARE AKASH BALASAHEB	75	75	2	68	68	2
10	JAGTAP RESHMA PANDURANG	43	43	1	52	52	1
11	JAGTAP RUPALI VITTHAL	91	91	3	71	71	2
12	JANKAR AKASH SADHU	36	36	1	46	46	1
13	JAWALE HARSHADA BHIMRAO	66	66	2	72	72	2
14	KACHARE SHUBHAM RANU	85	85	3	80	80	2
15	KARE BHANUDAS ARJUN	82	82	3	63	63	2
16	KHILARE ASHWINI SHIVAJI	77	77	2	73	73	2
17	KHOCHARE AKSHAY GAJANAN	68	68	2	79	79	2
18	KISAVE AKSHAY NARAYAN	56	56	1	53	53	1
19	KUMBHAR SUKHDEV KISAN	65	65	2	61	61	2
20	MARKAD KRUSHNA SANTOSH	85	85	3	84	84	3
21	MUJAVAR MOHAMMADASIF HIRALAL	77	77	2	73	73	2
22	PAREKAR TUSHAR VITTHAL	75	75	2	91	91	3
23	RODE VIJAY RAJENDRA	87	87	3	77	77	2
24	SARADE RUSHIKESH GORAKH	76	76	2	70	70	2
25	SHINGADE NILESH RAMDAS	76	76	2	89	89	3
26	SHRIRAME DATTATRAY PANDURANG	65	65	2	94	94	3
27	SONAWANE NAGESH JAYKUMAR	76	76	2	72	72	2
28	SONI MADHURI RASHPALSINH	66	66	2	74	74	2
29	VIRKAR RANJIT LAXMAN	65	65	2	56	56	1
30	VYAVAHARE TANAJI MAHADEV	73	73	2	83	83	3
31	YADAV VINOD SUKHADEO	67	67	2	78	78	2
32	PHALPHALE PRIYANKA BAPU	15	15	1	42	42	1
Average				2.06			2.03

for 
Mr. Gajanan Meshram

Head
Department of Geography
Arts, Science and Commerce College,
Indapur, Dist- Pune- 413106



Mr. Sandip Shinde
Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106



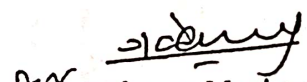
Dr. Sanjay Chakane
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST. PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2019-20

Class: T.Y.B.A.

Annual

Semester	Course Code	Course Name	Course No.	Course Attainment
Annual	3207	Regional Geography of India or Human Geography	CO1	1.74
	3208	Agriculture Geography	CO2	2.06
	3209	Practical Geography - Techniques of Spatial Analysis	CO3	2.03
			Average	1.94


Mr. Gajanan Meshram

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Indapur, Dist- Pune- 413106



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Coordinator, IQAC

Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106


Dr. Sanjay Chakane

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COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2019-20

Class: T. Y. B. A.

Annual

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	2	1	1	1	3	3	3	0	1	1	1	2	1
CO2	2	2	0	2	2	2	1	1	1	3	2	2	1	1	3
CO3	3	1	2	2	2	3	2	2	2	1	3	3	1	2	2
PO Attainment	1.93	1.97	1.89	1.98	1.98	1.99	1.89	1.89	1.89	2.05	1.99	1.99	1.94	1.92	2.00
Total PO	19.47										Total PSO	9.84			
Average PO	1.95										Average PSO	1.97			

Mr. Gajanan Meshram
Mr. Gajanan Meshram

Head

Department of Geography
 Arts, Science and Commerce College,
 Indapur, Dist- Pune- 413106

Mr. Sandip Shinde
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Coordinator, IQAC

Arts, Science & Commerce College
 Indapur Tal. Indapur Dist Pune - 413106

Dr. Sanjay Chakane
Dr. Sanjay Chakane

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 INDAPUR-413106

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Indirect Method) - Academic Year 2019-20

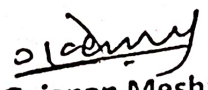
Class: T.Y.B.A

Annual

Sr. No.	Name of the student	Degree	Institute
1	Ghogare Akash Balasaheb	M. A	ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
2	Rode Vijay Rajendra	M. A.	
3	Shrirame Dattatray Pandurang	M. A.	
4	Sonawane Nagesh Jaykumar	M. A.	
5	Soni Madhuri Rashpalsinh	M. A.	

Placement & Progression = 15.63 %

Level = 1 (Low)

for 
Mr. Gajanan Meshram
Head
Department of Geography
Arts, Science and Commerce College,
Indapur, Dist- Pune- 413106


Mr. Sandip Shinde
Coordinator, IQAC
Arts Science & Commerce College
Indapur Dist Pune - 413106


Dr. Sanjay Chakane
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INDAPUR-413106 DIST-PUNE

Class: T. Y. B. A.

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Attainment Level of CO/PO/PSO - Academic Year 2019-20

Annual

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (i)	20% of Average Attainment of Course by Indirect Method (ii)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	1.94	1	1.55	0.2	1.72	1.95	1.97	3

Mr. Gajanan Meshram
Mr. Gajanan Meshram

Head
Department of Geography
Arts, Science and Commerce College,
Indapur, Dist- Pune- 413106

Mr. Sandip Shinde
Mr. Sandip Shinde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur Talindapur Dist Pune - 413106

Dr. Sanjay Chakane
Dr. Sanjay Chakane
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2019-20

Class: T. Y. B. A.

Annual

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
Annual	3207	Regional Geography of India or Human Geography	CO1	1.74	3	Satisfactorily Achieved	
	3208	Agriculture Geography	CO2	2.06	4	Significantly Achieved	Students are interested, get actual experience
	3209	Practical Geography - Techniques of Spatial Analysis	CO3	2.03	3	Satisfactorily Achieved	

Mr. Gajanan Meshram
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Mr. Gajanan Meshram
 Head
 Indapur Tal. Indapur Dist. Pune - 413106

Mr. Sandip Shinde
SBK

Mr. Sandip Shinde
 Coordinator/DAC
 Arts, Science & Commerce College
 Indapur Tal. Indapur Dist. Pune - 413106

Dr. Sanjay Chakane
Sanjay

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 INDAPUR-413106 DIST-PUNE

Student	CO1 (390)		CO2 (391)		CO3 (392)		CO4 (390)		CO5 (401)		CO6 (490)		CO7 (401)		CO8 (492)		CO9 (487)		CO10 (487)		CO10 (488)												
	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out	Mark s	% Attainment out											
1 Jadhav Sandhyarani Kisan	50	50	1	55	55	1	54	54	1	50	50	1	62	62	2	50	50	1	51	51	1	68	68	2	62	62	2	67	67	2	77	77	2
2 Londhe Pranjal Dhanaji	57	57	1	60	60	1	66	66	2	63	63	2	57	57	1	56	56	1	57	57	1	79	79	2	68	68	2	76	76	2	79	79	2
3 Mujumde Ranjit Rajaram	58	58	1	59	59	1	71	71	2	61	61	2	58	58	1	49	49	1	59	59	1	75	75	2	76	76	2	78	78	2	82	82	2
4 Nimbalkar Prataprao Vijay	50	50	1	49	49	1	59	59	1	59	59	1	58	58	1	41	41	1	52	52	1	81	81	3	62	62	2	65	65	2	75	75	2
5 Nimbalkar Pratapshinh Tanaji	40	40	1	60	60	1	59	59	1	50	50	1	69	69	2	48	48	1	57	57	1	74	74	2	54	54	1	54	54	1	76	76	2
6 Pise Akash Balasaheb	50	50	1	68	68	2	66	66	2	65	65	2	67	67	2	61	61	2	68	68	2	80	80	2	66	66	2	69	69	2	79	79	2
7 Ranaware Aparna Jaykumar	57	57	1	69	69	2	71	71	2	68	68	2	70	70	2	69	69	2	66	66	2	71	71	2	82	82	3	76	76	2	75	75	2
8 Satpute Narmath Vithal	32	32	0	44	44	1	53	53	1	40	40	1	57	57	1	46	46	1	50	50	1	65	65	2	55	55	1	58	58	1	70	70	2
9 Awachar Balaji Narmath	65	65	2	72	72	2	74	74	2	71	71	2	71	71	2	63	63	2	71	71	2	85	85	3	81	81	3	84	84	3	83	83	3
10 Bhanavase Suraj Dhanaji	40	40	1	56	56	1	56	56	1	53	53	1	72	72	2	65	65	2	77	77	2	67	67	2	71	71	2	74	74	2	79	79	2
11 Bhujbal Swapnil Bibhushan	53	53	1	67	67	2	69	69	2	63	63	2	75	75	2	61	61	2	60	60	1	73	73	2	78	78	2	79	79	2	80	80	2
12 Deshmukh Sujata Ashokrao	60	60	1	80	80	2	72	72	2	67	67	2	79	79	2	77	77	2	75	75	2	90	90	3	80	80	2	80	80	2	80	80	2
13 Dongare Vishal Uddhav	63	63	2	70	70	2	73	73	2	68	68	2	70	70	2	74	74	2	76	76	2	82	82	3	81	81	3	84	84	3	80	80	2
14 Galande Pooja Rajendra	65	65	2	76	76	2	80	80	2	70	70	2	74	74	2	81	81	3	90	90	3	86	86	3	90	90	3	87	87	3	84	84	3
15 Kadam Anand Shankarrao	57	57	1	69	69	2	69	69	2	57	57	1	74	74	2	58	58	1	61	61	2	79	79	2	82	82	3	81	81	3	89	89	3
16 Kadam Pradnya Babarrao	56	56	1	63	63	2	70	70	2	59	59	1	66	66	2	56	56	1	50	50	1	75	75	2	82	82	3	80	80	2	79	79	2
17 Kale Punam Gangaram	71	71	2	67	67	2	77	77	2	69	69	2	75	75	2	75	75	2	85	85	3	82	82	3	89	89	3	87	87	3	83	83	3
18 Kaware Bhagyashree Dnyanoba	53	53	1	73	73	2	75	75	2	66	66	2	70	70	2	66	66	2	73	73	2	82	82	3	82	82	3	87	87	3	83	83	3
19 Kumbhar Gitanjali Nana	63	63	2	86	86	3	78	78	2	74	74	2	83	83	3	74	74	2	74	74	2	84	84	3	89	89	3	87	87	3	83	83	3
20 Nalawade Prajakta Subhash	51	51	1	73	73	2	66	66	2	67	67	2	66	66	2	42	42	1	54	54	1	76	76	2	60	60	1	70	70	2	70	70	2
21 Shinde Priyanka Babu	56	56	1	59	59	1	64	64	2	65	65	2	75	75	2	65	65	2	72	72	2	85	85	3	75	75	2	68	68	2	80	80	2
22 Waghmare Sujata Ashok	65	65	2	80	80	2	79	79	2	71	71	2	71	71	2	75	75	2	79	79	2	84	84	3	86	86	3	84	84	3	83	83	3
23 Girame Rushikesh Millind	42	42	1	60	60	1	45	45	1	44	44	1	51	51	1	40	40	1	51	51	1	43	43	1	49	49	1	47	47	1	54	54	2
24 Nikam Divraj Tanaji	41	41	1	57	57	1	45	45	1	58	58	1	62	62	2	48	48	1	71	71	2	54	54	1	62	62	2	63	63	2	79	79	2
25 Pathan Shaikh Farukhhan	44	44	1	55	55	1	47	47	1	50	50	1	50	50	1	41	41	1	51	51	1	40	40	1	47	47	1	51	51	1	55	55	1
Average			1.2			1.6			1.68			1.6			1.8			1.56			0	1.64					2.32			2.08		0	2.32

Total No. of fail students

1

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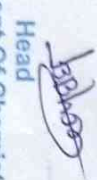
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 Head
 Department Of Chemistry
 Arts, Science & Commerce
 College, Indapur, Dist. Pune



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 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-41106 DIST-PUNE

M.Sc. II Analytical Chemistry 2019-20 Course attainment by Direct method

Semester	Course Code	Course Name	Course no.	Course Attainment	Level Achieved	Justification
Sem III	CHA-390	Electroanalytical And Radioanalytical Methods of analysis	CO1	1.2	Partially Achieved	Need to improve by conducting extra lectures
	CHA-391	Pharmaceuticals Analysis	CO2	1.6	Satisfactorily Achieved	
	CHA-392	Advanced Analytical Techniques	CO3	1.68	Satisfactorily Achieved	
	CHA-380	Ana. Meth DEV and VAL/Geo Chem and Alloy Ana/Lab Auto. and Sen Based Tech.	CO4	1.6	Satisfactorily Achieved	
	CHA-481	Analytical Toxicology and Food Analysis	CO5	1.8	Satisfactorily Achieved	
Sem IV	CHA-490	Analytical Spectroscopy	CO6	1.56	Satisfactorily Achieved	
	CHA-491	Ana Meth for analysis of Fertilizers, Detergent etc.	CO7	1.64	Satisfactorily Achieved	
	CHA-492	Methods of Analysis and Appli.-Pollution/Ana of body fluid/Carbon	CO8	2.32	Significantly Achieved	
	CHA-387	Analytical Chemistry Practical Course-I	CO9	2.08	Significantly Achieved	
	CHA-487	Analytical Chemistry Practical Course-II	CO10	2.16	Significantly Achieved	
	CHA-488	Analytical Chemistry Practical Course-III	CO11	2.32	Significantly Achieved	
Total				17.64		
Average				1.764	Satisfactorily Achieved	

Head
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College, Indapure, Dist. Pune



Principal
ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

M.Sc. II Analytical Chemistry (A.Y. - 2019-2020)

Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree/profession	Institute
1	Pise Akash Balasahab	Gov. Servant	Medical Healper, Mhaswad
2	Bhanavase Suraj Dhanaji	Chemist	Sai Life Sciences, Hyderabad
3	Deshmukh Sujata Ashokrao	Teacher	Vidya Pratishthan, Indapur
4	Kawale Bhagyashri Dnyanoba	Teacher	Kasturbai Shripati Kadam School & Jr College, Indapur
5	Kadam Anand Shankarrao	ADL Officer	Ciron Drug & Pharmaceutical, New Mumbai
6	Mujmule Ranjit Rajaram	Teacher	Vamanrao Mane Prashala, Pandharpur
7	Bhujbal Swapnil Bibhishan	Chemist	Indoco Remedies Plant II
8	Dongare Vishal Uddhav	Chemist	Curia India Pvt Ltd, Aurangabad
9	Girame Rushikesh Milind	Chemist	Vithal Refined Sugar Ltd, Malinagar

Placement and progression=
Level=

36
3

Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune



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INDAPUR-413106 DIST-PUNE

M.Sc. II Analytical Chemistry (A.Y.- 2019-2020)

Attainment Level of PO-PSO-CO (2019-2020)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment
1	Chemistry	1.76	3	1.40%	0.6	2	1.82	1.84	3

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College, Indapure, Dist. Pune



Principal
Arts, Science and
Commerce College
Indapur-413108 Dist-Pune

M.Sc. II Analytical Chemistry (A.Y.- 2019-20)

CO PO Mapping Matrix																
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	3	3	2	1	3	3	2	2	3	2	2	1	3			1
CO2	2	2	1	2	2	2	1	2	2	1	1	2	2			2
CO3	1	1	3	1	1	1	3	3	1	2	3	1	1			1
CO4	2	1	1	1	2	1	1	2	2	1	2	1	2			1
CO5	3	2	2	2	3	2	2	2	3	2	3	2	2			1
CO6	1	1	1	3	1	1	1	3	1	2	1	3	2			2
CO7	2	3	3	1	2	3	3	1	2	3	2	1	3			3
CO8	3	2	2	2	3	2	2	2	3	2	2	1	3			1
CO9	1	1	2	2	1	1	2	2	2	1	1	2	2			2
CO10	2	3	1	2	2	3	1	3	3	2	2	2	2			2
CO11	2	1	1	2	2	1	1	3	2	2	2	2	2			1
Total	22	20	19	20	22	20	19	25	23	21	21	20	22			19
attainment	1.81	1.78	1.79	1.88	1.81	1.78	1.79	1.84	1.83	1.83	1.82	1.88	1.80			1.87
Average	1.82									1.84						

Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapue, Dist. Pune



Querry

Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree/profession	Institute
1	Shevale Akash Dattatray	Chemist	Dudhganga Dairy, Indapur
2	Shinde Mayuri Ramdas	Teacher	A.S.C College, Indapur
3	Vyavahare Vinayak Chandrakant	Chemist	Aragen LifeSciences Pvt Ltd
4	Khadake Radhika Shankar	Chemist	Sai Life Sciences, Hyderabad
5	Bande Snagram Bhausahab	Chemist	Kamla Lifesciences Ltd
6	Mahadik Pallavi Dagadu	Chemist	Aragen LifeSciences Pvt Ltd
7	Patil Ajit Dilip	Chemist	ALKYL Amines Chemical Limited
8	Vaste Shivaji Kumar	Chemist	Innovassynth Technologies India Limited
9	Waghmode Rupali Shrimant	Teacher	Jijamata Shikshan Prasarak Mandal Sarati
10	Tarange Balasaheb Suresh	Chemist	Innovassynth Technologies India Limited
Placement and Progression=		35.71	
Level =		3	

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INDAPUR-413106 DIST-PUNE

M.Sc. II Organic Chemistry 2019-20 Course attainment by Direct method						
Semester	Course Code	Course Name	Course no.	Course Attainment	Level Achieved	Justification
Sem III	CHO-350	Organic Reaction Mechanism	CO1	1.11	Partially Achieved	Need to improve by conducting extra lectures
	CHO-351	Spectroscopic Methods in Structure Determination	CO2	1.25	Partially Achieved	Need to improve by conducting extra lectures
	CHO-352	Organic Stereochemistry	CO3	1.07	Partially Achieved	Need to improve by conducting extra lectures
Sem IV	CHO-353	Pericyclic Reaction, Photochemistry & Heterocyclic Chemistry	CO4	1.04	Partially Achieved	Need to improve by conducting extra lectures
	CHO-450	Natural Products	CO5	1.86	Satisfactorily Achieved	
	CHO-451	Advanced Synthetic Organic Chemistry	CO6	1.93	Satisfactorily Achieved	
	CHO-452	Carbohydrates and Chiron Approach and Chiral Drugs and Medicinal Chem	CO7	1.71	Satisfactorily Achieved	
	CHO-453	Designing Org. Synth. And Asymmetric Synthesis	CO8	1.56	Satisfactorily Achieved	
Sem IV	CHO-347 PR	Singal Stage Preparations	CO9	2.39	Significantly Achieved	
	CHO-447	Two Stage Preparations	CO10	2.39	Significantly Achieved	
	CHO-448	Green Chemistry and Chem.Bio.Experiments	CO11	2.71	Significantly Achieved	
Total				16.31		
Average				1.631	Satisfactorily Achieved	

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INDAPUR-413106 DIST-PUNE

M.Sc. II Organic Chemistry 2019-2020

Attainment Level of PO-PSO-CO (2019-2020)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method (I)	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment
1	Chemistry	1.63	3	1.3	0.6	1.9	1.44	1.48	3

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INDAPUR-413106 DIST. PUNE

M.Sc. II Organic Chemistry 2019-2020

CO PO Mapping Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	1	3	3	2	2	3	2	2	1	3	2	1
CO2	2	2	1	2	2	2	1	2	2	1	1	2	2	1	2
CO3	1	2	3	1	1	1	3	3	1	2	3	1	1	3	1
CO4	2	1	1	1	2	1	1	2	2	1	2	1	2	3	1
CO5	3	2	2	2	3	2	2	2	3	2	3	2	2	2	2
CO6	1	1	1	3	1	1	1	3	1	2	1	3	1	1	3
CO7	2	3	3	1	2	3	3	1	2	3	2	1	3	3	1
CO8	3	2	2	2	3	2	2	2	3	2	2	2	2	3	2
CO9	1	1	2	2	1	1	2	2	1	2	1	2	2	2	2
CO10	2	1	1	3	2	1	1	3	2	2	2	3	2	1	3
CO11	2	3	2	3	2	3	1	3	2	2	3	2	2	3	2
Total	22	21	20	21	22	20	19	25	22	21	22	20	22	24	20
attainment	1.44	1.32	1.44	1.52	1.44	1.33	1.52	1.45	1.44	1.53	1.36	1.60	1.47	1.35	1.60
Total	14.44										7.39				
Average	1.44										1.48				

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Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapue, Dist. Pune



CO-PO/PSO Mapping(Direct Method)

CO-PO Matrix	C O At ta	PO1	CO* PO1	P O 2	CO* PO2	P O 3	CO* PO3	P O 4	CO* PO4	P O 5	CO* PO5	P O 6	CO* PO6	P O 7	CO* PO7	P O 8	CO* PO8	P O 9	CO* PO9	P O1 0	CO* PO1 0	PS O1	CO* PSO 1	PS O2	CO* PSO 2	PS O3	CO* PSO 3	PS O4	CO* PSO 4	PS O5	CO* PSO 5
Co1	2.26	2	4.52	2	4.52	3	6.78	2	4.52	1	2.26	2	4.52	2	4.52	2	4.52	2	4.52	2	4.52	2	4.52	3	6.78	2	4.52	2	4.52	2	4.52
Co2	2.52	3	7.56	1	2.52	2	5.04	1	2.52	2	5.04	3	7.56	2	5.04	2	5.04	2	5.04	3	7.56	3	7.56	2	5.04	3	7.56	2	5.04	3	7.56
Co 3	2.05	2	4.1	3	6.15	1	2.05	3	6.15	1	2.05	1	2.05	3	6.15	3	6.15	3	6.15	2	4.1	2	4.1	3	6.15	2	4.1	3	6.15	2	4.1
Co 4	2.47	3	7.41	2	4.94	3	7.41	2	4.94	2	4.94	2	4.94	2	4.94	2	4.94	3	7.41	3	7.41	3	7.41	2	4.94	3	7.41	2	4.94	3	7.41
Co 5	2.21	2	4.42	2	4.42	3	6.63	3	6.63	2	4.42	3	6.63	1	2.21	3	6.63	1	2.21	2	4.42	2	4.42	2	4.42	2	4.42	1	2.21	3	6.63
Co 6	2.1	1	2.1	3	6.3	2	4.2	1	2.1	2	4.2	2	4.2	2	4.2	1	2.1	2	4.2	3	6.3	2	4.2	1	2.1	1	2.1	2	4.2	2	4.2
Co 7	2.1	3	6.3	3	6.3	3	6.3	3	6.3	3	6.3	3	6.3	3	6.3	3	6.3	3	6.3	2	4.2	3	6.3	3	6.3	3	6.3	3	6.3	3	6.3
Co 8	1.68	2	3.36	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04	3	5.04
Co 9	2.94	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	8.82	3	1	3	8.82
Co 10	2.94	3	8.82	1	2.94	2	5.88	1	2.94	1	2.94	2	5.88	2	5.88	2	5.88	2	5.88	3	8.82	2	5.88	2	5.88	2	5.88	2	5.88	2	5.88
Co 11	2.94	3	8.82	2	5.88	1	2.94	3	8.82	2	5.88	3	8.82	2	5.88	1	2.94	2	5.88	2	5.88	1	2.94	3	8.82	1	2.94	2	5.88	3	8.82
Co 12	1.57	2	3.14	3	4.71	3	4.71	2	3.14	3	4.71	2	3.14	3	4.71	3	4.71	2	3.14	3	4.71	2	3.14	2	3.14	3	4.71	3	4.71	2	3.14
Co 13	2.1	1	2.1	2	4.2	3	6.3	2	4.2	2	4.2	3	6.3	2	4.2	2	4.2	3	6.3	2	4.2	3	6.3	3	6.3	3	6.3	2	4.2	3	6.3
Co 14	1.89	3	5.67	2	3.78	2	3.78	3	5.67	2	3.78	2	3.78	1	1.89	2	3.78	2	3.78	2	3.78	2	3.78	1	1.89	1	1.89	3	5.67	2	3.78
Co 15	1.23	2	2.46	3	3.69	2	2.46	1	1.23	1	1.23	3	3.69	2	2.46	2	2.46	3	3.69	3	3.69	3	3.69	2	2.46	3	3.69	1	1.23	1	1.23
Co 16	1	3	3	1	1	3	3	2	2	2	2	2	2	1	1	3	3	2	2	2	2	3	3	2	2	2	2	2	2	3	3
Co 17	1.21	3	3.63	3	3.63	2	2.42	2	2.42	3	3.63	1	1.21	3	3.63	3	3.63	3	3.63	3	3.63	3	3.63	3	3.63	3	3.63	3	3.63	3	3.63
Co 18	2.1	2	4.2	2	4.2	2	4.2	3	6.3	2	4.2	2	4.2	2	4.2	2	4.2	2	4.2	2	4.2	2	4.2	3	6.3	2	4.2	2	4.2	2	4.2
Co 19	2.05	3	6.15	1	2.05	1	2.05	1	2.05	2	4.1	2	4.1	2	4.1	2	4.1	2	4.1	2	4.1	2	4.1	2	4.1	1	2.05	1	2.05	3	6.15
Co 20	2.89	3	8.67	3	8.67	3	8.67	2	5.78	3	8.67	3	8.67	3	8.67	3	8.67	3	8.67	3	8.67	3	8.67	3	8.67	3	8.67	3	8.67	3	8.67
Co 21	3	3	9	3	9	3	9	3	9	3	9	3	9	2	6	3	9	3	9	3	9	3	9	3	9	3	9	3	9	3	9

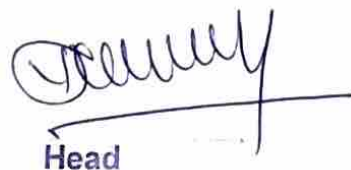
Co 22	3	3	9	3	9	2	6	3	9	3	9	3	9	3	9	3	9	3	9	3	9	3	9	3	9	1	3	3	9	2	6
Total	48 .2 5	55	123. 25	3 3	111. 76	5 2	113. 68	4 9	109. 57	4 8	106. 41	5 3	119. 85	3 1	72.2 4	5 3	115. 11	5 4	118. 96	54	124. 05	49	119.7	49	120.7 8	41	108.2 3	39	105.5 2	29	124.3 8
PO/PSOA ttainment			2.24		3.38		2.18		2.23		2.21		2.26		2.33		2.17		2.20		2.29		2.44		2.46		2.63		2.70		4.28
Avr. Att.	2. 19																														
Total PO	23 .5 3	Ave rage =	2.3																		Total PSO		14.5 4	Average=		2.9					

Attainment of CO (Indirect method)

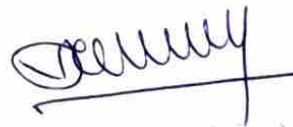
Sr. No.	Name of the students	Degree	Institute/College
1	Ghadage Dhanashree Ankush	M.Sc.	A.S.C. College, Indapur
2	Garad Madhuri Charandev	M.Sc.	A.S.C. College, Indapur.
3	Baral Diksha Popat	M.Sc.	A.S.C. College, Indapur
4	Jagtap Supriya Balasaheb	M.Sc.	A.S.C. College, Indapur

Attainment Level CO-PO- PSO

Sr. No	Department	Average attainment of course by direct method	Average attainment of course by indirect method I	80% average attainment of course by direct method I	20% average attainment of course by indirect method II	Attainment of CO I+II	Average Attainment of PO	Average attainment of PSO	Attainment Level PO/ PSO
1	Physics	2.19	2	1.75	0.4	1.79	2.35	2.90	Level 5



Head
Department of Physics
Arts, Science & Commerce
College, Indapur, Dist. Pune



Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune



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Department of Political Science (M.A. 2019-20)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
03	32401	Modern Political Thought	(CO1)	1.3
	32402	Political Sociology	(CO2)	2
	32403	World Politics New Development	(CO3)	2.1
	32407	Research Methodology	(CO4)	1.6
04	42401	Fundamental of Political Theory	(CO5)	1.2
	42402	Political Process in India	(CO6)	1.6
	42403	Politics and Society	(CO7)	1.8
	42406	Election Studies	(CO8)	1.6
			Total	13.2
			Average	1.65



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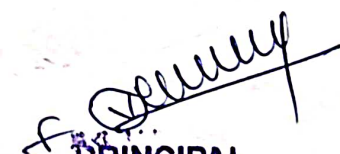
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CO-PO/PSO Mapping (Direct Method) M.A.

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Co1	2	3	2	3	2	1	1	2	2
Co2	3	2	3	3	2	1	3	2	2
Co 3	3	2	2	3	2	2	3	1	1
Co 4	3	2	3	3	2	3	1	2	2
Co 5	1	3	1	3	2	2	1	3	1
Co 6	2	3	1	3	1	1	2	2	1
Co 7	1	3	3	3	2	3	3	2	2
Co 8	1	2	3	3	2	3	1	2	1
Total	16	20	18	24	15	16	15	16	12
PO/PSO Attainm ent	20.8	26.1	38.4	38.4	22.1	15.6	16.2	21.9	17.9
Total PO	16.73								
Average	1.67								



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Attainment of CO- M.A. (Indirect Method) - 2019-20

Sr. No.	Name of the student	Degree/Job	Institute
1.	Burungale Dipak Rajaram	Business	Own
2.	Shende Ketan Ashok	Private job	Company
3.	Suryavanshi Shankar Gorakh	Bank	ICICI Tembhurni

Placement & Progression = $3/9 * 100$

= 33.33

Level = 2 (Moderate)



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Attainment Level of CO-PO-PSO (M.A. 2019-20)

Sr No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.65	2	1.32	0.40	1.72	1.67	1.60	Level 3



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Department of Political Science (T.Y. B.A. 2019-20)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Annual	(G3) 3167	Political Ideology	(CO1)	1.22
	(S3) 3168	Public Administration	(CO2)	1.38
	(S4) 3169	International Politics	(CO3)	1.00
Total				3.6
Average				1.20



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CO-PO/PSO Mapping(Direct Method) (T.Y. Political Science) 2019-20															
CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	3	2	3	2	3	2	2	2	2	2	3	3	3	3
Co2	3	2	3	3	2	2	3	3	3	3	2	3	3	2	3
Co 3	3	2	2	3	2	2	3	3	2	2	2	2	2	3	2
Total	9	7	7	9	6	7	8	8	7	7	6	6	8	8	8
PO/PSO Attainment															
Total PO	12.07										Total PSO	6.05			
Average PO	1.20	-									PSO Average	1.21			



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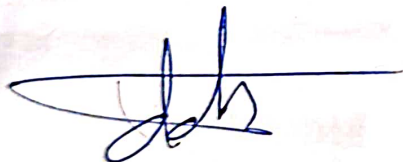
Attainment of CO- (Indirect Method) 19-20

Sr. No.	Name of the student	Degree	Institute
1.	More Sagar Hanumant	M.A.	A.S.C. College Indapur
2.	Gaikwad Akash Tanaji	M.A.	A.S.C. College Indapur
3.	Pawar Sonali Ramling	M.A.	A.S.C. College Indapur
4.	Kale Suraj Subhash	M.A.	A.S.C. College Indapur
5.	Narute Namdev Arjun	M.A.	A.S.C. College Indapur
6.	Bhosale Kajal Ashok	M.A.	A.S.C. College Indapur
7.	Bhosale Ranjit Gautam	M.A.	A.S.C. College Indapur
8.	Deokar Tejas Balbhim	M.A.	A.S.C. College Indapur
9.	Mukane Sonali Bibhishan	M.A.	A.S.C. College Indapur
10.	Chavan Ajinkya Sanjay	M.A.	A.S.C. College Indapur
11.	Yele Mayuri Suresh	M.A.	A.S.C. College Indapur
12.	Kambale Subhash Raju	M.A.	A.S.C. College Indapur
13.	Bhosale Pooja Vilas	M.A.	A.S.C. College Indapur
14.	Sul Tushar Bharat	M.A.	A.S.C. College Indapur
15.	Waghmode Rohit	M.A.	A.S.C. College Indapur

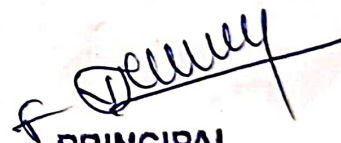
Placement & Progression = $15/38 * 100$

=39.47%

Level = 2 (Moderate)



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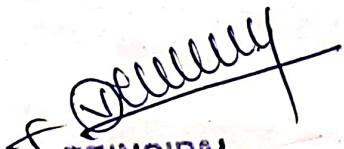
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Attainment Level of CO-PO-PSO (A.Y. 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.73	2	1.38	0.40	1.78	1.20	1.21	Level 2



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DEPARTMENT OF HINDI (A.Y.2019-20) (T.Y.B.A.)

Course Attainment (Direct Method)

Annual	Course Code	Course Name	Course No.	Course Attainment
	3098	Hindi Sahitya ka Itihas	(CO1)	2.33
	3099	Bhasha vidnyan	(CO2)	2.33
	3097	Samanya Hindi	(CO3)	2.0
			Total	6.66
			Average	2.22

Attainment of CO (Indirect Method) 2019-20

Sr. No.	Name of the student	Degree	Institute
1	Gaikwad Vrunali Vikas	M. A	A.S.C. College Indapur, Dist-Pune
2	Mulani Jashmin Husen	M. A	A.S.C. College Indapur, Dist-Pune
		%	33.33%
		Attainment Level	2 (Moderate)

DEPARTMENT OF HINDI (A.Y.2019-20)

Course Attainment (Direct Method)

Annual	Course Code	Course Name	Course No.	Course Attainment	CO Attainment Level	Target achievement	Justification
	3098	Hindi Sahitya ka Itihas	(CO1)	2.33	4	Significantly achieved	
	3099	Bhasha vidnyan	(CO2)	2.33	4	Significantly achieved	
	3097	Samanya Hindi	(CO3)	2.0	3	Satisfied Achieved	
			Total	6.66			
			Average	2.22			

21/04/15

डॉ. एस. एन. पवार
हिंदी विभाग प्रमुख
कला विज्ञान आणि वाणिज्य महाविद्यालय
इंदूर, जि. पुणे. 413106

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DEPARTMENT OF HINDI (A.Y.2019-20)
CO Attainment (direct method)

	CO1		CO2		CO3	
	Marks	%	CO1 Atta.	Marks	%	CO3 Atta
Shinde Sarika Subhas	95	95	3	89	89	3
Mulani Jashmin Husen	85	85	3	85	85	3
Gaikwad Snita Anil	80	80	2	75	75	2
Madane Pallavi Mahadeo	79	79	2	72	72	2
Gaikwad Vrunali Vikas	71	71	2	72	72	2
Dalavi Gitanjali Ashok	71	71	2	77	77	2
Total			14			14

DEPARTMENT OF HINDI (A.Y.2019-20)

CO-PO/PSO Mapping (Direct Method) Hindi 2019-20

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
1	3	2	3	2	3	2	3	2	3	2	2	3	3	2	3
2	2	3	3	2	3	3	3	2	3	2	3	2	3	3	2
3	3	3	3	2	3	3	3	2	3	2	1	1	3	1	1
total	8	8	9	6	9	8	9	6	9	6	6	6	9	6	6
PSO Attainment	2.66	2.66	3	2	3	2.66	3	2	3	2	2	2	3	2	2
total PO	25.98	Total PSO										11			
avg. PO	2.59	Average PSO =										2.2			

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po

Signature

DEPARTMENT OF HINDI (A.Y.2019-20)

Attainment Level of PO-PSO-CO (A.Y.2019-20)									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO		Average Attainment of PO	Average Attainment of PSO
						I	II		
1	Hindi	2.22	2.0	1.77	0.4		I+II	2.0	2.2

Attainment level for PO's/PSO's

PO/PSO Level	Target Attainment	Target Achievement
Level - 4	2.0 - 2.5	Significantly achieved PO/ PSO

Dr. P. S. R. N. P. V. R.

डॉ. एस.एन.पवार
हिंदी विभाग प्रमुख
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इंदूर, गुजरात 461006

Dr. P. S. R. N. P. V. R.

PRINCIPAL
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INDAPUR

Department of English

TYBA Academic Year 2019-2020

Annual Pattern

Sr.No	Name of Student	3337			3338			3339			3857			3858		
		CO1			CO2			CO3			CO4			CO5		
		Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt
1	Harule Sonali	65	65	2	42	42	1	51	51	1	50	50	1	50	50	1
2	Shende Abhijit	53	53	1	49	49	1	48	48	1	0	0	0	0	0	0
3	Jagtap Sonali	66	66	2	56	56	1	59	59	1	51	51	1	75	75	2
4	Nanaware Shreyash	85	85	3	55	55	1	74	74	2	79	79	2	75	75	2
5	Narute Dnyaneswar	97	97	3	67	67	2	90	90	3	79	79	2	75	75	2
6	Mukane Sonali	91	91	3	68	68	2	84	84	3	71	71	2	75	75	2
7	Yadav Dhanashri	70	70	2	56	56	1	40	40	1	53	53	1	40	40	1
8	Dhaware Monika	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Gosavi Dnyaneswa	69	69	2	50	50	1	40	40	1	0	0	0	0	0	0
10	Jadhav Chetana	89	89	3	72	72	2	65	65	2	66	66	2	75	75	2
11	Jadhav Sonali	10	10	1	13	13	1	12	12	1	13	13	1	65	65	2
12	Shelake Manisha	50	50	1	55	55	1	40	40	1	0	0	0	0	0	0
13	Kusalkar Ankita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average		57.31	57	1.77	44.85	45	1.08	46.38	46	1.31	35.54	36	0.92	40.77	41	1.08

In Charge (Sr)

Arts Faculty

Art Science & Commerce College
Indapur (Pune) Pin-413106

Head

Department of English

Arts, Science and Commerce College

Indapur, Dist. Pune, 413106

4/6/20

23/11/20

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ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

DEPARTMENT OF English (A.Y. 2019-20)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
	3337	Appreciating Novel	CO1	2.09
	3338	Introduction to Literary Criticism	Co2	1.27
	3339	Advance study of English Language and Literature	Co3	1.54
	3857	Functional English -5	Co4	1.5
	3858	Functional English -6	Co5	1.75
			Total	8.15
			Average	1.63

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In Charge (Sr)

Arts Faculty
Art Science & Commerce College
Indapur (Pune) Pin-413106

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Arts, Science and Commerce College
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CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	2	3	1	3	2	2	2	2	2	3	2	2	1	2
Co2	2	2	3	2	3	3	2	3	2	2	2	2	3	2	2
Co3	3	2	3	3	2	1	2	1	2	2	2	2	2	2	2
Co4	3	2	1	2	2	2	1	2	2	1	2	2	2	2	2
Co5	2	1	2	3	2	3	2	2	2	3	2	2	2	2	2
TOTAL PO	1.61	1.61	1.64	1.59	1.63	1.61	1.64	1.6	1.63	1.65	1.67	1.63	1.59	1.57	1.63
Average	1.62										1.618				

PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
4.18	4.18	6.27	2.09	6.27	4.18	4.18	4.18	4.18	4.18	6.27	4.18	4.18	2.09	4.18
2.54	2.54	3.81	2.54	3.81	3.81	2.54	3.81	2.54	2.54	2.54	2.54	3.81	2.54	2.54
4.62	3.08	4.62	4.62	3.08	1.54	3.08	1.54	3.08	3.08	3.08	3.08	3.08	3.08	3.08
4.5	3	1.5	3	3	3	1.5	3	3	1.5	3	3	3	3	3
3.5	1.75	3.5	5.25	3.5	5.25	3.5	3.5	3.5	5.25	3.5	3.5	3.5	3.5	3.5
19.34	14.55	19.7	17.5	19.66	17.78	14.8	16.03	16.3	16.55	18.39	16.3	17.57	14.21	16.3

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Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.			
2.			

Placement & Progression = 00 %

Level = 1(Low)

Attainment Level of CO-PO-PSO (A.Y. 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	ENGLISH	1.63	1	1.30	0.20	1.50	1.62	1.61	Level 3

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Arts Faculty

**Art Science & Commerce College
Indapur (Pune) Pin-413106**

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**Department of English
Arts, Science and Commerce College
Indapur, Dist-Pune, 413106**

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Principal

**ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE**

DEPARTMENT OF PSYCHOLOGY (A.Y. 2019-20)

Course Attainment (Direct Method)

Pattern	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Annual	3227	Industrial and Organizational Psychology	(CO1)	1.25	Partially achieved	Need to improve by taking extra classes
	3228	Scientific Research and Experimental Psychology	(CO2)	1.16	Partially achieved	Need to improve by taking extra classes
	3229	Psychology Practical: Test and Experiments	(CO3)	2.33	Significantly achieved	
			Total	4.74		
			Average	1.58	Satisfactorily achieved	

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DEPARTMENT OF PSYCHOLOGY (A.Y. 2019-20)

Course Attainment (Direct Method)

Pattern	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Annual	3227	Industrial and Organizational Psychology	(CO1)	1.25	Partially achieved	Need to improve by taking extra classes
	3228	Scientific Research and Experimental Psychology	(CO2)	1.16	Partially achieved	Need to improve by taking extra classes
	3229	Psychology Practical: Test and Experiments	(CO3)	2.33	Significantly achieved	
			Total	4.74		
			Average	1.58	Satisfactorily achieved	

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DEPARTMENT OF PSYCHOLOGY (A.Y. 2020-21)

Course Attainment (Direct Method)

Annual	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
	3227	Industrial and Organizational Psychology	(CO1)	1.7	Satisfactorily achieved	
	3228	Scientific Research and Experimental Psychology	(CO2)	1.1	Partially achieved	Need to improve by taking extra classes
	3229	Psychology Practical: Test and Experiments	(CO3)	2.2	Significantly achieved	
			Total	5		
			Average	1.66	Satisfactorily achieved	

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DEPARTMENT OF PSYCHOLOGY (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Sem III	35221	Psychological Testing (Theory)	(CO1)	1.37	Partially achieved	Need to improve by taking extra classes and test
	35222	Psychological Testing (Practical)	(CO2)	2.18	Significantly achieved	
	35223	Industrial and Organizational Psychology	(CO3)	1.87	Satisfactorily achieved	
	35224	Personality Development-1	(CO4)	1.87	Satisfactorily achieved	
SEM IV	36221	Experimental Psychology (Theory)	(CO5)	1.68	Satisfactorily achieved	
	36222	Experimental Psychology (Practical)	(CO6)	2.31	Significantly achieved	
	36223	Applied Psychology	(CO7)	1.75	Satisfactorily achieved	
	36224	Personality Development-2	(CO8)	2.31	Significantly achieved	
			Total	15.34		
			Average	1.91	Satisfactorily achieved	

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DEPARTMENT OF PSYCHOLOGY (A.Y. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Sem III	35221	Psychological Testing (Theory)	(CO1)	1.28	Partially achieved	Need to improve by taking extra classes
	35222	Psychological Testing (Practical)	(CO2)	2	Significantly achieved	
	35223	Industrial and Organizational Psychology	(CO3)	2.14	Significantly achieved	
	35224	Personality Development-1	(CO4)	2.14	Significantly achieved	
SEM IV	36221	Experimental Psychology (Theory)	(CO5)	1.57	Satisfactorily achieved	
	36222	Experimental Psychology (Practical)	(CO6)	2.42	Significantly achieved	
	36223	Applied Psychology	(CO7)	1.71	Satisfactorily achieved	
	36224	Personality Development-2	(CO8)	2.14	Significantly achieved	
			Total	15.4		
			Average	1.92	Satisfactorily achieved	

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DEPARTMENT OF PSYCHOLOGY (A.Y. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Sem III	35221	Psychological Testing (Theory)	(CO1)	1.28	Partially achieved	Need to improve by taking extra classes
	35222	Psychological Testing (Practical)	(CO2)	2	Significantly achieved	
	35223	Industrial and Organizational Psychology	(CO3)	2.14	Significantly achieved	
	35224	Personality Development-1	(CO4)	2.14	Significantly achieved	
SEM IV	36221	Experimental Psychology (Theory)	(CO5)	1.57	Satisfactorily achieved	
	36222	Experimental Psychology (Practical)	(CO6)	2.42	Significantly achieved	
	36223	Applied Psychology	(CO7)	1.71	Satisfactorily achieved	
	36224	Personality Development-2	(CO8)	2.14	Significantly achieved	
			Total	15.4		
			Average	1.92	Satisfactorily achieved	

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DEPARTMENT OF ECONOMICS (A.Y. 2019-20)

Course Attainment (Direct Method) (B.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
	3158	Intentional Economics	(CO1)	1.22
	3159	Public Finance	(CO2)	1.38
	3157	Indian Economics Development	(CO3)	1.00
			Total	3.6
			Average	1.20


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Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree/ JOB	Institute
1.	DEVKATE KAJAL BHAIKU	MA	A.S.C.COLLEGE INDAPUR
2.	LONDHE SURAJ VIJAY	MA	A.S.C.COLLEGE INDAPUR
3.	KAPASE SOMANATH GORAKH	MA	A.S.C.COLLEGE INDAPUR
4.	SHINDE RAJANDINI BHAIYASAHEB	MA	A.S.C.COLLEGE INDAPUR
5.	SHINDE KAOSALYA GANPAT	MA	A.S.C.COLLEGE INDAPUR
6.	NAVALE OMKAR SHAHAJI	MA	A.S.C.COLLEGE INDAPUR
7.	KHANDALE MONALI CHANDRAKANT	MA	A.S.C.COLLEGE INDAPUR
8.	KALSAIT SHUBHANGI SUNIL	MA	A.S.C.COLLEGE INDAPUR
9.	GADHAVE SNEHA MOHAN	MA	A.S.C.COLLEGE INDAPUR
10.	DHAVRE PRANOTI BHARAT	MA	A.S.C.COLLEGE INDAPUR
11.	DESHMUKH SANA SALIM	MA	A.S.C.COLLEGE INDAPUR
12.	CHORMALE AJINATH SURESH	MA	A.S.C.COLLEGE INDAPUR
13.	CHAVAN BHARATI ABHIMAN	MA	A.S.C.COLLEGE INDAPUR
14.	CHAVAN ASHWINI DILIP	MA	A.S.C.COLLEGE INDAPUR
15.	DHUKHE SAMBHAJI SUDAM	MA	A.S.C.COLLEGE INDAPUR

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Placement & Progression = 15/38 x100

= 39.47 %

Level = 2 (Moderate)

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 College, Indapur

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	3	2	3	2	3	2	2	2	2	2	3	3	3	3
Co2	3	2	3	3	2	2	3	3	3	3	2	3	3	2	3
Co 3	3	2	2	3	2	2	3	3	2	2	2	2	2	3	2
Total	9	7	7	9	6	7	8	8	7	7	6	8	8	8	8
PO/PSO Attainment															
	Total Po	12.07785714									Total Pos	6.0525			
	Average	1.207785714									Average	1.2105			



PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$

$\sum$ (Level of mapping PO/PSO with CO)


 Arts, Science & Commerce
 College, Indapur, Dist. Pune

Attainment Level of CO-PO-PSO (A.Y. 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.73	2	1.38	0.40	1.78	1.20	1.21	Level 2

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 2019-2020

	A	B	C	D	E	F	G	H	I	J
1	Arts, Science and Commerce College, Indapur									
2	Course Attainment by Direct Method BA_History_(2019-20)									
3	Student	CO1			CO2			CO3		
4		Marks	%	Att.	Marks	%	Att.	Marks	%	Att.
5										
6	Asabe Shankar Dattu	62	62	2	43	43	1	49	49	1
7	Bhongane Sagar Baliram	56	56	1	39	39	0	51	51	1
8	Deshmukh Santosh Suresh	56	56	1	55	55	1	57	57	1
9	Korke Priyanka Ashok	48	48	1	64	64	2	62	62	2
10	Dharurkar Pravin Jitendra	65	65	2	54	54	1	58	58	1
11	Gaikwad Sukhadev Deorao	49	49	1	37	37	0	10	10	0
12	Gurav Shehal Devidas	56	56	1	66	66	2	40	40	1
13	Jadhav Shubham Shahaji	55	55	1	30	30	0	54	54	1
14	Kale Anna Sanjay	61	61	2	66	66	2	55	55	1
15	Kale Sujata Umakant	63	63	2	30	30	0	46	46	1
16	Kare Vinod Rajaram	53	53	1	30	30	0	41	41	1
17	Korte Deepali Kashinath	48	48	1	59	59	1	62	62	2
18	Kshirsagar Poonam Dilip	61	61	2	49	49	1	58	58	1
19	Mali Satyam Sanjay	54	54	1	61	61	2	50	50	1
20	Mane Sonali Bhimrao	43	43	1	53	53	1	54	54	1
21	Mergal Sonali Kisan	72	72	2	75	75	2	70	70	2
22	Pathan Sahil Paigambar	46	46	1	46	46	1	59	59	1
23	Pawar Swapnil Dattatrya	46	46	1	51	51	1	42	42	1
24	Sapkal Dnyanshwer Sampat	60	60	1	49	49	1	44	44	1
25	Sarde Sahadeo Jalindar	51	51	1	52	52	1	47	47	1
26	Tambve Avinath Shivaji	46	46	1	66	66	2	46	46	1
27	Waykar Krushna Arjun	48	48	1	55	55	1	44	44	1
28	Anpat Sandesh Satish	59	59	1	72	72	2	58	58	1
29	Chavan Ajinky Sanjay	58	58	1	72	72	2	55	55	1
30	Deshmukh Audumbar Samadhan	63	63	2	71	71	2	58	58	1
31	Deokar Pravin	57	57	1	62	62	2	52	52	1
32	Dhale Mangesh Balasaheb	54	54	1	62	62	2	41	41	1
33	Gadekar Prajakta nandkumar	50	50	1	57	57	1	40	40	1
34	Gaikwad Rani Malhari	60	60	1	64	64	2	60	60	1
35	Gaikwad Sadhana Satish	58	58	1	41	41	1	55	55	1
36	Ghodake Monika Mohan	64	64	2	70	70	2	48	48	1
37	Jadhav Balasaheb Vasant	77	77	2	79	79	2	71	71	2
38	Jadhav Sagar Dattatrya	71	71	2	77	77	2	67	67	2
39	Jagtap Anita Satish	62	62	2	70	70	2	62	62	2
40	Kadam Supriya Nana	67	67	2	53	53	1	62	62	2
41	Kamble Prafulla Pradip	70	70	2	68	68	2	63	63	2
42	korke dhanshree Vijay	81	81	3	76	76	2	75	75	2
43	Madane Ashok Gajanan	49	49	1	59	59	1	48	48	1
44	Mete Shamal rajendra	67	67	2	65	65	2	62	62	2
45	Mohite Shambala Subhash	71	71	2	82	82	3	69	69	2
46	Pawar Abhijeet Santosh	51	51	1	70	70	2	56	56	1

	A	B	C	D	E	F	G	H	I	J
47	Rupanawar Monali Babasaheb	56	56	1	70	70	2	63	63	2
48	Sutar Ashvini Vijay	56	56	1	67	67	2	63	63	2
49	Takale Gaurav Balu	63	63	2	75	75	2	63	63	2
50	Wajale Akshay Sanjay	47	47	1	69	69	2	54	54	1
51	Wyavahare Ganaraj Mohan	49	49	1	73	73	2	58	58	1
52	Asabe Poonam Balaso	42	42	1	47	47	1	51	51	1
53	Bhallerav Rupesh Gautam	54	54	1	50	50	1	43	43	1
54	Chavan Sheetal prakash	47	47	1	60	60	1	64	64	2
55	Deokar Umesh Praksh	64	64	2	60	60	1	60	60	1
56	Dombale Rahul Rajendra	51	51	1	62	62	2	47	47	1
57	Gaikwad Dnyanshwer Arjun	57	57	1	56	56	1	54	54	1
58	Kanhere Rushikesh Rajendra	40	40	1	41	41	1	40	40	1
59	Kare Rahul Shivaji	40	40	1	57	57	1	43	43	1
60	Mane Mayur Nanaso	59	59	1	49	49	1	45	45	1
61	Mane Prasad Dattatrya	56	56	1	58	58	1	45	45	1
62	Pol Ganesh Dattatrya	55	55	1	57	57	1	59	59	1
63	Salunkhe Umesh Nanasaheb	48	48	1	62	62	2	67	67	2
64	Sayyad Arif Malang	48	48	1	62	62	2	44	44	1
65	Shinde Akash Saudagar	68	68	2	75	75	2	67	67	2
66	More Monali Babruvahan	45	45	1	69	69	2	54	54	1
67	Total	3433	2701	65	3619	2801	69	3285	2553	60
68	Attainment	56.279	57.5	1.4	59.328	59.6	1.5	53.852	54.3	1.3

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हस्ताक्षरित प्रमुख

हस्ताक्षरित प्रमुख
इंदापूर, जि. पुणे

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INDAPUR-413106 DIST-PUNE

Arts, Science and Commerce College, Indapur			
DEPARTMENT OF HISTORY (A.Y. 2019-20)			
Attainment of CO- (Indirect Method) 2019-20			
Sr. No.	Name of the student	Degree	Institute
1	Pawar Abhijeet Santosh	M.A.	Arts, Science And Commerce College, Indapur
2	Jagtap Anita Satish	M.A.	Arts, Science And Commerce College, Indapur
3	Deokar Pravin	M.A.	Arts, Science And Commerce College, Indapur
4	Dombale Rahul Rajendra	M.A.	Arts, Science And Commerce College, Indapur
Placement & Progr		58 / 100 = 0.58 * = 2.32	
Level		1	

Beind

इतिहास विभाग प्रमुख

विज्ञान आणि वाणिज्य महाविद्यालय

इंदापूर, जि. पुणे

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PRINCIPAL
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 INDAPUR-413106 DIST-PUNE

Arts, Science and Commerce College, Indapur					
DEPARTMENT OF HISTORY (A.Y. 2019-20)					
Course Attainment (Direct Method)					
Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
3177	History of world in 20th century	CO1	1.4	Partially achieved PO/ PSO	Need Extra Lectures
3178	Introduction to History	CO2	1.5	Satisfactory achieved PO/ PSO	Need Extra Lectures
3179	History of Asia / History of USA	CO3	1.3	Partially achieved PO/ PSO	Need Extra Lectures
		Total	4.2		
		Average	1.40	Partially achieved PO/ PSO	

इतिहास विभाग प्रमुख
इला विज्ञान संग्रहालय
इंदार, जि. पुणे

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Arts, Science and Commerce College, Indapur

DEPARTMENT OF HISTORY (A.Y. 2019-20)

COOPO/PSO Mapping (Direct Method)

COOPO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Matrix															
CO1	3	2	2	1	2	1	1	2	2	1	3	2	1	2	3
CO2	2	3	2	2	1	2	0	3	1	1	1	3	1	1	2
CO3	1	3	3	3	0	1	2	2	1	3	0	2	2	0	1
Total	6	8	7	6	3	4	3	7	4	5	4	7	4	3	6
PO/PSO attainment	1.42	1.40	1.39	1.38	1.43	1.43	1.33	1.41	1.40	1.36	1.43	1.41	1.38	1.43	1.42
TOTAL PO	13.95										TOTAL PSO	7.06			
Average	1.40										Average	1.41			
PSO Direct Attainment = $\frac{\sum \text{Overall CO attainment} \times \text{PO PSO1}}{\sum \text{level of mapping PO PSO with}}$															

कुलकर्णी विभाग प्रमुख
कला विभाग
इंदरपुर, जि. पुणे

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INDAPUR-413106 DIST-PUNE

Arts, Science and Commerce College, Indapur									
DEPARTMENT OF HISTORY (A.Y. 2019-20)									
Attainment Level of CO-PO-PSO									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	History	1.4	1	1.12	0.2	1.32	1.80	1.82	Level 2

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment - Academic Year 2019-20

Class: T. Y. B. Sc.

Sem: V & VI

Student	Gg-331			Gg-332			Gg-333			Gg-334			Gg-335			Gg-336			Gg-341			Gg-342		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co8 Attainment
S1	41	82	3	42	84	3	37	74	2	37	74	2	35	70	2	33	66	2	43	86	3	49	98	3
S2	36	72	2	40	80	2	34	68	2	46	92	3	35	70	2	32	64	2	37	74	2	47	94	3
S3	37	74	2	36	72	2	33	66	2	31	62	2	33	66	2	29	58	1	44	88	3	49	98	3
S4	38	76	1	27	54	1	39	78	2	24	48	1	31	62	2	27	54	1	27	54	1	39	78	2
S5	40	80	2	41	82	3	29	58	1	35	70	2	35	70	2	32	64	2	42	84	3	49	98	3
Avg			2			2.2			1.8			2			2			1.6			2.4			2.8

Student	Gg-343			Gg-344			Gg-345			Gg-346			Gg-347			Gg-348			Gg-349		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment
S1	39	78	2	47	94	3	42	84	3	49	98	3	89	89	3	91	91	3	90	90	3
S2	35	70	2	39	78	2	39	78	2	41	82	3	86	86	3	90	90	3	88	88	3
S3	35	70	2	42	84	3	37	74	2	42	84	3	83	83	3	86	86	3	85	85	3
S4	35	70	2	37	74	2	29	58	1	38	76	2	74	74	2	80	80	2	78	78	2
S5	31	62	2	41	82	2	31	62	2	38	76	2	79	79	2	85	85	3	82	82	3
Avg			2			2.4			2			2.6			2.6			2.8			2.8

Dr. Gajanan Meshram
Head
Department of Geography
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Indapur, Dist. Pune- 413106

Mr. Sandip Shinde
Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106

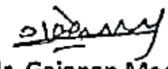
Dr. Sanjay Chakane
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST. PUNE

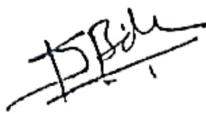
ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2019-20

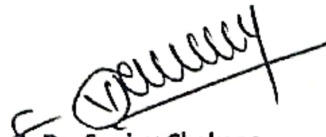
Class: T.Y. B. Sc.

Sem V & VI

Semester	Course Code	Course Name	Course No.	Course Attainment
V & VI	Gg-331	Fundamentals of Human Geography (Part I)	CO1	2.00
	Gg-332	Geography of Travel and Tourism (Part I)	CO2	2.20
	Gg-333	Fundamentals of Geo-informatics (Part I)	CO3	1.80
	Gg-334	Geography of India (Part I)	CO4	2.00
	Gg-335	Geography of Soils (Part I)	CO5	2.00
	Gg-336	Fundamentals of Geo-informatics (Part I)	CO6	1.60
	Gg-341	Fundamentals of Human Geography (Part II)	CO7	2.40
	Gg-342	Geography of Travel and Tourism (Part II)	CO8	2.80
	Gg-343	Fundamentals of Geo-informatics (Part II)	CO9	2.00
	Gg-344	Geography of India (Part II)	CO10	2.40
	Gg-345	Geography of Soils (Part II)	CO11	2.00
	Gg-346	Fundamentals of Geo-informatics (Part II)	CO12	2.60
	Gg-347	Map Analysis and Field Work	CO13	2.60
	Gg-348	Techniques of Spatial Analysis	CO14	2.80
	Gg-349	Techniques in Geomorphology and Soil Analysis	CO15	2.80
			Avg	2.27


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ITSPN's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

CO/PO/PSO Mapping (Direct Method) - Academic Year 2019-20

Class: T. Y. B. Sc.

Sem: V & VI

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	2	1	2	1	0	2	1	2	2	2	1	1	2	2
CO2	2	1	2	1	1	1	1	2	2	1	1	0	1	2	1
CO3	1	1	1	1	1	0	1	2	1	2	1	1	2	1	2
CO4	2	2	1	1	1	1	2	0	2	1	0	1	1	2	1
CO5	0	2	1	2	2	1	1	0	0	2	2	2	0	1	2
CO6	1	1	1	1	1	1	2	2	2	0	1	1	2	1	0
CO7	2	0	0	2	2	1	1	1	1	1	2	1	2	0	2
CO8	1	1	1	0	0	1	0	2	2	1	0	2	2	2	0
CO9	1	2	1	1	0	1	1	0	1	2	1	0	2	1	1
CO10	2	2	2	2	1	3	1	1	1	1	2	2	1	1	2
CO11	1	2	1	2	2	1	1	0	0	2	1	0	1	2	1
CO12	1	1	1	1	1	1	2	2	2	1	1	2	1	0	1
CO13	2	0	2	2	2	2	1	1	3	0	2	0	2	2	0
CO14	0	1	2	1	3	1	1	2	2	1	1	3	1	1	2
CO15	1	1	1	1	1	0	1	2	1	2	1	2	0	1	1
PO Attainment	2.27	2.18	2.31	2.23	2.31	2.32	2.19	2.37	2.33	2.23	2.26	2.41	2.23	2.24	2.24
Total PO	22.73									Total PSO	11.38				
Average PO	2.27									Average PSO	2.28				

Mr. Gajanan Meshram
Head

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Dr. Sanjay Chakane
Principal
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Indapur Tal. Indapur Dist. Pune - 413106

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Indirect Method) - Academic Year 2019-20

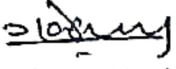
Class: T. Y. B. Sc.

Sem: V & VI

Sr. No.	Name of the student	Degree	Institute
1	Shelar Kajal Balaso	M. Sc.	ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
2	Thorat Kuldeep Dhanaji	M. Sc.	ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune

Placement & Progression = 40 %

Level = 2 (Moderate)

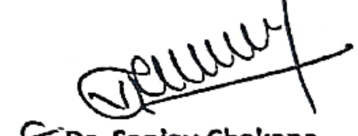

Mr. Gajanan Meshram

Head

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Dr. Sanjay Chakane

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Attainment Level of CO/PO/PSO - Academic Year 2019-20

Sem: V & VI

Class: T. Y. B. Sc.

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	2.27	2	1.82	0.40	2.22	2.27	2.28	4

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DEPARTMENT OF STATISTICS (A.Y. 2019-20)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Co Attainment level	Target Achievement	Justification
SEM V	ST-331	Distribution Theory	(CO1)	1.88	3	Satisfactorily achieved	
	ST-332	Theory of Estimation	(CO2)	2.77	5	Completely achieved	
	ST-333	Sampling Methods	(CO3)	1.11	2	Partially achieved	Needs to improve concept and knowledge of subject
	ST-334	Design of Experiment	(CO4)	1.55	2	Partially achieved	Needs to improve concept as well as computational part of subject
	ST-335	C Programming	(CO5)	2	3	Satisfactorily achieved	
	ST-336	Introduction to Regression Analysis	(CO6)	1.55	2	Partially achieved	Needs to improve concept as well as computational part of subject
SEM VI	ST-341	Actuarial Statistics	(CO7)	2.33	4	Significantly achieved	Extra classes conducted, group discussion, question bank solved by students
	ST-342	Testing of Hypotheses	(CO8)	1.88	3	Satisfactorily achieved	
	ST-343	Statistical Quality Control	(CO9)	2.22	4	Significantly achieved	
	ST-344	Operation Research	(CO10)	2.66	5	Completely achieved	Extra classes conducted, group discussion, question bank solved by students
	ST-345	Introduction to Stochastic Processes	(CO11)	1.77	3	Satisfactorily achieved	
	ST-346	Statistical computing using R software	(CO12)	2.44	4	Significantly achieved	
Practical	ST-347	Practical Paper I	(CO13)	2.66	5	Completely achieved	
	ST-348	Practical Paper II	(CO14)	2.77	5	Completely achieved	
	ST-349	Practical Paper III	(CO15)	2.77	5	Completely achieved	
			Total	32.36			
			Average	2.16			

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	1	2	3	3	2	1	1	3	2	3	1	2	2	3
Co2	1	3	3	3	2	0	3	2	2	3	1	2	3	1	1
Co3	1	0	3	1	1	2	1	1	1	2	1	1	2	2	2
Co4	3	2	3	3	2	1	2	2	2	2	3	2	1	1	3
Co5	2	3	2	2	1	2	1	3	1	1	1	1	1	0	2
Co6	1	2	3	3	1	0	2	2	1	0	2	3	2	1	1
Co7	1	1	3	3	2	1	3	1	1	2	1	2	1	1	2
Co8	3	2	2	0	2	3	1	2	3	2	3	2	0	2	2
Co9	2	2	3	3	1	1	1	3	2	3	3	3	2	1	0
Co10	3	0	3	2	1	2	1	2	3	1	2	1	2	3	3
Co11	1	1	3	1	3	1	3	1	3	2	1	3	3	1	1
Co12	3	3	1	1	2	1	1	1	0	2	1	2	3	2	1
Co13	2	2	0	3	2	2	3	2	2	3	2	1	0	0	3
Co14	1	2	1	3	3	2	2	1	1	3	3	2	1	2	3
Co15	1	2	3	3	2	2	3	2	2	3	2	3	2	3	1
PO/PSO Attainment	2.15	2.25	2.08	2.24	2.2	2.17	2.24	2.18	2.16	2.26	2.16	2.16	2.16	2.21	2.16
TOTAL PO	21.93	Σ (overall CO attainment × PO/PSO Level)									TOTAL PSO	10.85			
Average	2.193	Σ (Level of mapping PO/PSO with CO)									Average	2.17			

PO /PSO Direct Attainment = $\frac{\sum (\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum (\text{Level of mapping PO/PSO with CO})}$

Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Hole Vikas Vitthal	M. Sc.	Modern College, Pune
2.	Sarak Vijay Hamant	M. Sc.	Modern College, Pune
3.	Chavan Abhijit Dattatray	M. Sc.	Savitribai Phule Pune University
4.	Ingale Akash Nagnath	M.C.A	Asian College Narhe(Pune)

Placement & Progression = 44.44 %

Level = 3 (High)

Attainment Level of CO-PO-PSO (A.Y. 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	STATISTICS	2.16	3	1.72	0.6	2.32	2.19	2.17	Level 4

[Signature]

HEAD
Department Of Statistics
Arts, Science & Commerce College
Indapur(Pune)

[Signature]
Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune

[Signature]
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Department of Mathematics T.Y.B.Sc. (AY 2019-20)
Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
III	91113	Mathematics Paper-I	CO1	1.78
	91123	Mathematics Paper-II	CO2	1.89
	91133	Mathematics Paper-III	CO3	1.68
	91143	Mathematics Paper-IV	CO4	1.84
	91153	Mathematics Paper-V	CO5	1.36
	91163	Mathematics Paper-VI	CO6	1.94
	91193	Mathematics Paper-IX	CO7	2.78
	911A3	Operaton Research	CO8	1.68
	911F3	Number Theory	CO9	2.05
IV	91114	Mathematics Paper-I	CO10	2.05
	91124	Mathematics Paper-II	CO11	2.73
	91134	Mathematics Paper-III	CO12	2.31
	91144	Mathematics Paper-IV	CO13	2.89
	91154	Mathematics Paper-V	CO14	2.31
	91164	Mathematics Paper-VI	CO15	2.73
	91194	Mathematics Paper-IX	CO16	2.63
	911A4	Optimization Techniques	CO17	1.89
	911 E4	Lebesgue Integration	CO18	2.94

Average =

2.19

[Signature]

HEAD

Department Of Mathematics
Science & Commerce College
Indapur (Pune)

[Signature]

Principal
Arts, Science & Commerce
College, Indapur, Dist. Pune

CO-PO-PSO Matrix T.Y.B.Sc. (AY 2019-20)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	1	1	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	0	2	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2
CO5	2	3	3	3	3	3	3	3	3	3	2	2	3	3	3
CO6	1	1	1	0	1	1	1	1	1	1	3	3	1	1	1
CO7	2	2	2	2	0	2	2	2	2	2	1	1	2	2	2
CO8	0	2	3	3	3	3	3	3	3	3	2	2	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO15	2	2	2	0	2	2	2	2	2	2	2	2	2	2	0
CO16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO17	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2
CO18	3	3	3	1	3	2	3	2	3	2	3	2	3	2	1
Attainment	1.61	1.72	1.89	1.50	1.44	1.83	1.89	1.83	1.89	1.83	1.72	1.83	1.89	1.83	1.67
Average										1.74					1.79


 Department Of Mathematics
 Arts, Science & Commerce College
 Indapur (Pune)


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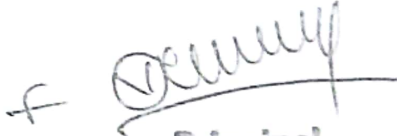
Department of Mathematics T.Y.B.Sc. (AY 2019-20)
Course Attainment (Indirect Method)

Sr.No.	Name of the Student	Degree	Institute
1	Chormale Sonali B.	M.B.A.	VP College Baramati
2	Ghadge Srushti S.	M.Sc.	Tuljaram Chaturchand College Baramati
3	Ghage Ajit K.	M.Sc.	Dept. of Mathematics SPPU, Pune
4	Ghodke Snehal N.	M.Sc.	Dept. of Mathematics, Shivaji University, Kolhapur
5	Kolpe Pooja N.	M.Sc.	Tuljaram Chaturchand College Baramati
6	Kolpe Priyanka S.	M.Sc.	Tuljaram Chaturchand College Baramati
7	Jagtap Pratiksha J.	M.Sc.	Tuljaram Chaturchand College Baramati
8	khochare Sneha S.	B.Ed.	Smt. Nathibai Women college Kurduwadi
9	Latake Chaitrali S.	B.Ed.	Smt. Nathibai Women college Kurduwadi
10	Pingle Nisha	M.B.A.	JSPM Katraj
11	Pomone Supriya B.	M.Sc.	Tuljaram Chaturchand College Baramati
12	Surywanshi Rutuja S.	M.Sc.	Tuljaram Chaturchand College Baramati
13	Roman Shubhangi P.	M.Sc.	Tuljaram Chaturchand College Baramati
14	Shewale Varsha D.	M.Sc.	Tuljaram Chaturchand College Baramati
15	Shinde Sonali T.	M.Sc.	Tuljaram Chaturchand College Baramati
16	Shingade Sandip A.	B.Ed.	College of Education A'Nagar
17	Yadav Akshay N.	M.Sc.	Dept. of Mathematics SPPU, Pune

Placement and Progression = 89.47
Level = 3


HEAD

Department Of Mathematics
Arts, Science & Commerce College
Indapur (Pune)


Principal
Arts, Science & Commerce
College Indapur, Dist Pune

Attainment Level of PO-PSO-CO T.Y.B.Sc.(AY 2019-20)									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by Direct Method (I)	20% of Average attainment of Indirect Method II	Attainment of CO		Average Attainment of PO	Average Attainment of PSO
						I+II			
1	Mathematics	2.19	3	1.752	0.6	2.352		2.17	2.14
									4

[Signature]

Department Of Mathematics
 Arts, Science & Commerce College
 Indapur (Pune)

[Signature]

Principal
 Arts, Science & Commerce
 College, Indapur Dist: Pune

CALCULATION FOR CO ATTAINMENT -2019-20

Botany

Student	CO1			CO2			CO3			CO4			CO5		
	Marks	%	Co1 Attainment	Marks	%	Co2 Attainment	Marks	%	Co3 Attainment	Marks	%	Co4 Attainment	Marks	Co5 %	Co5 Attainment
S1	43	86	3	46	92	3	38	76	2	41	82	3	44	88	3
S2	46	92	3	43	86	3	28	56	1	40	80	2	42	84	3
S3	30	60	1	35	70	2	20	40	1	26	52	1	25	50	1
S4	32	64	2	41	82	3	26	52	1	26	52	1	38	76	2
S5	30	60	1	41	82	3	24	48	1	33	66	2	31	62	2
S6	35	70	2	44	88	3	25	50	1	40	80	2	40	80	2
S7	34	68	2	42	84	3	28	56	1	29	58	1	34	68	2
Average			2			2.85			1.14			1.71			2.14

Student	CO6			CO7			CO8			CO9			CO10		
	Marks	%	Co6 Attainment	Marks	%	Co7 Attainment	Marks	%	Co8 Attainment	Marks	%	Co9 Attainment	Marks	Co10 %	Co10 Attainment
S1	37	74	2	31	62	2	39	78	2	43	86	3	45	90	3
S2	37	74	2	41	82	3	32	64	2	40	80	2	43	86	3
S3	28	56	1	29	58	1	33	66	2	36	72	2	31	62	2
S4	29	58	1	44	88	3	40	80	2	41	82	3	46	92	3
S5	27	54	1	39	78	2	32	64	2	33	66	2	38	76	2
S6	28	56	1	46	92	3	40	80	2	40	80	2	44	88	3
S7	28	56	1	35	70	2	37	74	2	35	70	2	30	60	2
Average			1.28			2.28			2			2.28			2.57

Student	CO11				CO12				CO13				CO14				CO15			
	Marks	%	Co11 Attainment		Marks	%	Co12 Attainment		Marks	%	Co13 Attainment		Marks	%	Co14 Attainment		Marks	%	Co15 Attainment	
S1	33	66	2		33	66	2		95	95	3		97	97	3		93	93	3	
S2	37	74	2		37	74	2		92	92	3		96	96	3		90	90	3	
S3	30	60	1		32	64	2		86	86	3		88	88	3		83	83	3	
S4	40	80	2		41	82	3		91	91	3		90	90	3		94	94	3	
S5	39	78	2		43	86	3		88	88	3		90	90	3		90	90	3	
S6	41	82	3		45	90	3		90	90	3		94	94	3		92	92	3	
S7	30	60	1		35	70	2		86	86	3		88	88	3		88	88	3	
Average			1.85				2.42				3				3				3	

DEPARTMENT OF BOTANY (A.Y. 2019-20)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem V	Bo.331	Cryptogamic Botany	(CO1)	2	3	Satisfactorily achieved	
	Bo. 332	Cell Biology & Molecular Biology	(CO2)	2.85	5	Completely achieved	
	Bo.333	Genetics & Evolution	(CO3)	1.14	2	Partially achieved	Needs to improve concept and knowledge of subject
	Bo.334	Spermatophyta & Paleobotany	(CO4)	1.71	3	Satisfactorily achieved	
	Bo.335	Horticulture & Floriculture	(CO5)	2.14	4	Significantly achieved	
	Bo.336	Computational Botany	(CO6)	1.28	2	Partially achieved	Needs to improve concept as well as computational part of subject
SEM VI	Bo.341	Plant Physiology & Biochemistry	(CO7)	2.28	4	Significantly achieved	
	Bo.342	Plant Ecology & Biodiversity	(CO8)	2	3	Satisfactorily achieved	
	Bo.343	Plant pathology	(CO9)	2.28	4	Significantly achieved	
	Bo.344	Medicinal & Economic Botany	(CO10)	2.57	5	Completely achieved	
	Bo. 345	Plant Biotechnology	(CO11)	1.85	3	Satisfactorily achieved	
	Bo.346	Plant breeding & Seed technology	(CO12)	2.42	4	Significantly achieved	
	Bo. 347	Practical Paper I	(CO13)	3	5	Completely achieved	
	Bo. 348	Practical Paper II	(CO14)	3	5	Completely achieved	
	Bo. 349	Practical Paper III	(CO15)	3	5	Completely achieved	
			Total	33.52			
			Average	2.23			

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	3	2	-	2	2	2	3	-	2	2	1
Co2	-	2	3	3	2	-	3	2	2	3	-	2	3	-	1
Co3	1	2	3	3	2	2	-	1	1	2	-	-	3	1	1
Co4	3	2	3	3	2	-	-	2	2	1	3	2	1	-	3
Co5	3	3	2	2	-	2	-	3	1	1	1	-	1	3	2
Co6	1	3	3	3	-	1	2	2	-	3	-	2	2	-	1
Co7	-	1	3	3	2	-	3	-	-	2	-	3	1	1	2
Co8	3	2	3	3	2	3	1	2	3	2	3	2	3	2	2
Co9	2	2	3	3	1	1	1	3	2	3	3	3	2	-	1
Co10	3	3	3	2	-	1	1	3	3	1	2	1	1	3	3
Co11	1	3	3	1	1	1	3	1	3	3	-	3	3	1	1
Co12	3	3	3	1	2	1	3	1	3	2	-	2	3	2	1
Co13	3	2	3	3	2	2	3	2	2	3	2	3	3	3	3
Co14	1	2	3	3	3	2	2	1	2	3	1	2	3	3	3
Co15	1	2	3	3	2	2	3	2	2	3	2	3	2	3	3
PO/PSO Attainment	2.22	2.24	2.23	2.41	2.33	2.34	2.46	2.30	2.33	2.27	2.31	2.35	2.13	2.46	2.37
TOTAL PO	23.13										TOTAL PSO	11.62			
Average	2.313										Average	2.324			

PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$

$\sum(\text{Level of mapping PO/PSO with CO})$

Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Pathak M.R	M. Sc.	T. C. College Baramati
2.	Kolekar A.	M. Sc.	T. C. College Baramati

Placement & Progression = 28.57 %

Level = 2 (Moderate)

Attainment Level of CO-PO-PSO (A.Y. 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	BOTANY	2.23	2	1.78	0.40	2.18	2.31	2.32	Level 4

Head
Department of Botany
Arts, Science & Commerce
College, Indapur, Dist. Pune

Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune

Principal
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413105 DIST-PUNE

Department Of Microbiology

Course Attainment for the Year 2019-20

Class - T.Y.B.Sc

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem V	MB.331	Medical Microbiology I	(CO1)	1.1	2	Partially achieved	Needs to improve concept
	MB.332	Genetics and Molecular Biology I	(CO2)	1.6	3	Completely achieved	
	MB.333	Enzymology	(CO3)	1.3	2	Partially achieved	Needs to improve concept knowledge of subject
	MB.334	Immunology I	(CO4)	1.3	2	Partially achieved	Needs to improve concept
	MB.335	Fermentation Technology I	(CO5)	1.3	2	Partially achieved	Needs to improve subject knowledge and collect information about fermentation
	MB.336	Food and Dairy Microbiology	(CO6)	2	3	Satisfactorily achieved	
SEM VI	MB.341	Medical Microbiology II	(CO7)	2.2	4	Significantly achieved	
	MB.342	Genetics and Molecular Biology II	(CO8)	1.5	2	Partially achieved	Needs to improve concept knowledge of subject
	MB.343	Metabolism	(CO9)	2.6	5	Completely achieved	
	MB.344	Immunology II	(CO10)	2.5	4	Significantly achieved	
	MB.345	Fermentation Technology II	(CO11)	2	3	Satisfactorily achieved	
	MB.346	Soil & agricultural Microbiology	(CO12)	2.1	4	Significantly achieved	
Practical	MB.347	Practical Course I	(CO13)	1.9	3	Satisfactorily achieved	
	MB.348	Practical Course II	(CO14)	1.8	3	Satisfactorily achieved	
	MB.349	Practical Course III	(CO15)	1.8	3	Satisfactorily achieved	
		Total		27			
		Average		1.8			

(Signature)
 Science Faculty
 Arts, Science & Commerce
 College Indapur Dist. Pune

HSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Microbiology

Course Attainment (Direct Method) - Academic Year 2019-2020

T.Y.B.Sc.

Sem- V&VI

CO PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15
CO1	3	3	2	2	3	2	3	2	2	3	3	2	3	2	2
CO2	2	2	2	2	3	2	2	3	3	3	2	2	3	2	3
	3	2	2	2	2	2	2	2	2	2	2	3	2	3	2
CO4	3	3	3	2	3	3	2	2	3	3	3	2	3	2	2
CO5	2	2	2	3	2	1	2	2	2	3	2	3	3	3	3
CO6	3	2	2	3	3	2	3	3	3	2	3	2	2	3	2
CO7	2	3	3	3	3	3	3	3	3	3	2	3	2	2	3
CO8	2	2	2	3	2	2	2	2	2	3	2	2	2	2	2
CO9	3	2	2	2	3	2	3	3	3	2	2	3	3	3	3
CO10	2	3	3	2	2	3	2	2	2	2	3	2	2	2	2
CO11	2	2	2	2	2	2	2	3	3	2	2	3	3	3	3
CO12	2	3	2	3	3	3	3	3	2	3	3	2	2	2	3
CO13	2	2	3	3	2	2	3	2	2	2	2	2	3	2	3
CO14	3	2	2	3	3	3	3	2	3	2	3	3	2	3	3
CO15	2	3	3	2	3	2	3	3	3	3	1	3	3	3	3
Total PO	36.0	36.0	35.0	37.0	39.0	34.0	38.0	37.0	38.0	38.0	35.0	37.0	38.0	37.0	39.0
Total Po	1.78	1.81	1.82	1.81	1.81	1.84	1.83	1.85	1.82	1.76	1.8	1.81	1.78	1.81	1.83
Average Po	1.81										1.8				

HOD

H.O.D. of

Microbiology Department

Incharge

Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune

Principal

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ITSPM'S

Arts Science and Commerce College, Indapur, Dist. Pune

Department of Microbiology

Course Attainment (Indirect Method) - Academic Year 2019-20

Class : T.Y.B.Sc.

Sem V & VI

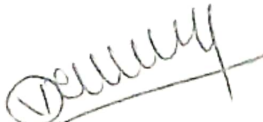
Sr.No.	Name of the Student	Degree	Institute
1	Dolase Ganesh Popat	M.Sc	SP College Pune
2	Ghadge Ashwini Pandurang	M.Sc	VP College Pune
3	Kadam Vikas Mohan	M.Sc	TC College Baramati
4	Patil Pooja Ashok	M.Sc	ASC college Indapur
5	Waghmode Sangram Sunil	M.Sc	SP College Pune
6	Bhosale Pratiksha Bhagwan	M.Sc	SP College Pune
7	Jadhav Priti Pradeep	M.Sc	Shardabai Pawar College Baramati
8	Jagtap Priyanka Rajendra	M.Sc	ASC college Indapur

Placement & Progression = 50 %

Level - 3 (High)


HOD

H.O.D. of
Microbiology Department


Incharge

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Microbiology
Attainment Level Of CO- PO- PSO (A. Y. 2019-20)

Class - T.Y. B.Sc

Sem - V&VI

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO PSO
1	Microbiology	1.8	3	1.44	0.6	2.04	1.81194891	1.8046727	1.8046727

HOD

H.O.D. of
Microbiology Department

[Signature]

Incharge

Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune

[Signature]

Principal

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Zoology (2019-20)

Department of Zoology (AY 2019-20)
Course Attainment (Direct Method)

Student Name	CO1			CO2			CO3			CO4			CO5			CO6			CO7			CO8			CO9		
	Mark	%	CO1 Attainment	Mark	%	CO2 Attainment	Mark	%	CO3 Attainment	Mark	%	CO4 Attainment	Mark	%	CO5 Attainment	Mark	%	CO6 Attainment	Mark	%	CO7 Attainment	Mark	%	CO8 Attainment	Mark	%	CO9 Attainment
S1	30	60	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S2	4	8	0	0	0	0	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S3	44	88	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S4	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S5	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S6	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S7	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S8	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S9	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S10	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S11	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S12	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S13	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S14	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S15	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S16	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S17	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S18	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S19	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S20	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S21	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S22	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S23	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S24	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S25	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S26	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S27	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S28	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S29	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S30	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S31	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S32	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S33	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S34	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S35	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S36	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S37	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S38	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S39	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
S40	40	80	11	42	84	1	34	68	2	22	44	11	55	77	2	22	44	3	33	66	5	55	11	55	11	55	11
AVERAGE	28.5	56.9	1.487179487	31	62.01538462	1.666666667	24.4359744	48.87179487	1.179487179	28	55.53846154	1.38974359	27	54.025641	1.20518205	29	57.33333333	1.538461538	27.5	54.9	1.256410256	32	63.4	1.717948718	28	55.9	1.461538462

Sanjay

Dr. J. P. Sawade
M.Sc. Ph.D. (Zoology) (Israel)
Head
PG Department of Zoology,
Arts Science & Commerce College
Indapur, Maharashtra

CO10				CO11				CO12				CO13				CO14				CO15			
Mark	%	CO10 Achievement	Mark	%	CO11 Achievement	Mark	%	CO12 Achievement	Mark	%	CO13 Achievement	Mark	%	CO14 Achievement	Mark	%	CO15 Achievement	Mark	%	CO16 Achievement	Mark	%	
25	80	1	30	60	1	57	57	1	72	72	2	71	71	2	25	25	50	1					
4	8	0	4	8	0	63	63	2	80	80	2	68	68	2	4	4	0						
29	85	1	32	64	1	83	83	3	84	84	3	88	88	3	37	37	74	2					
30	90	2	35	70	2	84	84	3	92	92	3	94	94	3	32	32	64	2					
41	87	3	40	80	3	85	85	3	90	90	3	91	91	3	36	36	72	2					
24	48	1	28	56	1	86	86	3	80	80	2	85	85	2	28	28	56	1					
36	72	2	36	72	2	79	79	2	80	80	2	82	82	2	32	32	64	2					
34	68	2	48	96	3	67	67	2	79	79	2	81	81	2	39	39	78	2					
28	56	1	42	84	2	69	69	2	77	77	2	76	76	2	27	27	54	1					
36	72	2	55	110	3	76	76	2	82	82	3	84	84	3	32	32	64	2					
38	76	2	51	102	2	86	86	3	87	87	2	88	88	2	27	27	54	1					
10	20	0	10	20	0	78	78	2	80	80	2	80	80	2	14	14	0						
28	56	1	24	48	1	78	78	2	83	83	2	83	83	2	36	36	72	2					
36	72	2	31	62	2	78	78	2	76	76	2	80	80	2	37	37	74	2					
22	44	1	24	48	1	66	66	2	81	81	2	81	81	2	22	22	44	1					
22	44	1	24	48	1	66	66	2	81	81	2	81	81	2	22	22	44	1					
29	58	1	31	62	2	75	75	2	70	70	2	72	72	2	25	25	50	1					
32	64	2	31	62	2	77	77	2	81	81	2	81	81	2	25	25	50	1					
38	76	2	35	70	2	77	77	2	81	81	2	83	83	2	25	25	50	1					
30	60	1	22	44	1	53	53	1	58	58	1	68	68	1	30	30	60	1					
26	52	1	22	44	1	71	71	2	81	81	2	81	81	2	29	29	58	1					
32	64	2	34	68	2	73	73	2	77	77	2	74	74	2	36	36	72	2					
34	68	2	30	60	1	81	81	2	83	83	2	86	86	2	30	30	60	1					
32	64	2	28	56	1	62	62	2	70	70	2	72	72	2	25	25	50	1					
36	72	2	31	62	2	89	89	3	81	81	2	85	85	2	22	22	44	1					
27	54	1	32	64	2	77	77	2	85	85	2	85	85	2	22	22	44	1					
37	74	2	31	62	2	84	84	2	85	85	2	85	85	2	22	22	44	1					
28	56	1	31	62	2	83	83	2	87	87	2	87	87	2	29	29	58	1					
31	62	2	29	58	1	58	58	1	82	82	2	82	82	2	20	20	40	1					
32	64	2	28	56	1	81	81	2	82	82	2	82	82	2	20	20	40	1					
32	64	2	35	70	2	71	71	2	86	86	2	86	86	2	29	29	58	1					
30	60	1	38	76	2	66	66	2	74	74	2	74	74	2	34	34	68	2					
26	52	1	38	76	2	80	80	2	82	82	2	82	82	2	15	15	30	0					
7	14	0	5	10	0	61	61	2	79	79	2	78	78	2	3	3	6	0					
33	66	2	36	72	2	83	83	3	87	87	3	86	86	3	26	26	52	1					
26	52	1	30	60	1	66	66	2	75	75	2	75	75	2	20	20	40	1					
37	74	2	22	44	1	75	75	2	88	88	2	88	88	2	24	24	48	1					
7	14	0	6	12	0	64	64	2	79	79	2	68	68	2	3	3	6	0					
26	52	1	29	58	1	81	81	2	77	77	2	76	76	2	31	31	62	2					
29	58	1	29	58	1	81	81	2	77	77	2	76	76	2	31	31	62	2					
29	58	1	29	58	1	81	81	2	77	77	2	76	76	2	31	31	62	2					
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29	58	1	29	58	1	81	81	2	77	77	2	76	76	2	31	31	62	2					
29	58	1	29	58	1	81	81	2	77	77	2	76	76	2	31	31	62	2					
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29	58	1	29	58	1	81	81	2	77	77	2	76	76	2	31	31	62	2					
29	58	1	29	58	1	81	81	2	77														



Manoj

Dr. J. P. Sawade

M.Sc. Ph.D. F.Z.S. (Israel)

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29 58 6666667 1.461538462 29 57.94871795 1.487179487 74 73.8 2.205128205 80.35897 80 2.538461538 79 79.2 2.38 26 52 1.18

Department of Zoology (2019-20) Course attainment by Direct method B.Sc. Zoology					
Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
91513	ZY-331 Animal Systematics and Diversity	CO1	1.80	Satisfactorily achieved	
91523	ZY-332 Mammalian Histology	CO2	1.66	Satisfactorily achieved	
91533	ZY-333 Biological Chemistry	CO3	1.17	Partially achieved	Need to improve by taking extra classes
91543	ZY-334 Environmental Biology and Toxicology	CO4	1.13	Partially achieved	Need to improve by taking extra classes
91553	ZY-335 Parasitology	CO5	1.20	Partially achieved	Need to improve by taking extra classes
915B3	ZY-336 General Pathology or Cell Biology	CO6	1.53	Satisfactorily achieved	
91514	ZY-341 Biological Techniques	CO7	1.25	Partially achieved	Need to improve by taking extra classes
91524	ZY-342 Mammalian Physiology and Endocrinology	CO8	1.71	Satisfactorily achieved	
91534	ZY-343 Genetics and Molecular Biology	CO9	1.46	Partially achieved	Need to improve by taking extra classes
91544	ZY-344 Organic Evolution	CO10	1.46	Partially achieved	Need to improve by taking extra classes
91554	ZY-345 General Embryology	CO11	1.48	Partially achieved	Need to improve by taking extra classes
91574	ZY- 347 (Semester III & IV) Practical Paper I	CO12	2.20	Partially achieved	Need to improve by taking extra classes
91584	ZY- 348 (Semester III & IV) Practical Paper II	CO13	2.53	Completely achieved	
91594	ZY- 349 (Semester III & IV) Practical Paper III	CO14	2.38	Significantly achieved	
915B4	ZY-346 Public Health and Hygiene or Medical Entomology	CO15	1.18	Partially achieved	Need to improve by taking extra classes
			24.14		
			1.61	Satisfactorily achieved	

Dr. J. P. Sarwade

Dr. J. P. Sarwade

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Attainment of CO (Indirect Method) 2019-20			
Sr. No.	Name of the student	Degree/profession	Institute
1	ANAPAT RANJEET GORAKH	M.SC	A S C College Indapur
2	KALE POOJA JALINDAR	M.SC	A S C College Indapur
3	PADULE PRITAM LALASO	M.SC	A S C College Indapur
4	MOHITE SHIVANI NITIN	M.SC	A S C College Indapur
5	TARANGE ASHVINI SHIVAJI	M.SC	A S C College Indapur
6	RAYTE RUTUJA SANJAY	M.SC	A S C College Indapur
7	SARWADE POOJA DIGAMBAR	M.SC	A S C College Indapur
8	BHANWASE AMAR KUMAR	M.SC	A S C College Indapur
9	KOLI KOMAL VISHNU	M.SC	A S C College Indapur
10	CHANDANKAR SNHEHAL DADASAHEB	M.SC	A S C College Indapur
11	MOHITE MEGHA DEEPAK	M.SC	A S C College Indapur
	Placement and Progression	28.2	
	Level =	2	

Shan

Dr. J. P. Sarwade
M.Sc Ph.D FZS (WAL, Israel)
Head
PG Department of Zoology,
Arts, Science & Commerce College

CO-PO/PSO Mapping (Direct Method) 2019-20

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2		0	1	2	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	0	2	2	2
CO3	0	2	2	3	1	0	3	3	3	3	3	3	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO5	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO7	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2
CO8	0	2	2	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO15	2	2	2	2	2	0	2	2	2	2	2	2	2	2	0
Total	23	23	25	28	25	20	28	28	28	28	28	25	28	28	26
attainment	1.62	1.53	1.54	1.58	1.62	1.54	1.54	1.54	1.54	1.54	1.53	1.54	1.54	1.54	1.56
Total	15.56										7.70				
Average	1.56										1.54				

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Attainment Level of PO-PSO-CO (2019-20) BSc Zoology											
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method		Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment	Target Achievement
					II						
1	Zoology	1.67	2	1.33	0.4		1.73	1.56	1.54	level 3	Satisfactorily achieved CO/PO/ PSO

Dr. J. P. Sarwade

Dr. J. P. Sarwade

M.Sc. P.D. 123, 154 (Israel)

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PG Department of Zoology,

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Calculation for CO Attainment - Academic Year 2019-20

Class: T. Y. B. Com

Annual

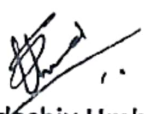
Sr. No.	Name of the student	301			302			304		
		Marks	%	CO1 Attainment	Marks	%	CO2 Attainment	Marks	%	CO3 Attainment
1	APUNE VIJAY JAYANT	46	46	1	53	53	1	58	58	1
2	ARADE CHANDRAKANT VASANT	45	45	1	59	59	1	44	44	1
3	BANSODE POOJA RAMCHANDRA	75	75	2	67	67	2	69	69	2
4	BHOI SHAILESH SURYAKANT	46	46	1	66	66	2	55	55	1
5	BHONG NIKHIL POPAT	50	50	1	46	46	1	55	55	1
6	BHONG PAYAL POPAT	50	50	1	74	74	2	71	71	2
7	BHONG YOGESH MARUTI	40	40	1	35	35	1	40	40	1
8	CHAUDHARI SONALI KAILAS	45	45	1	66	66	2	56	56	1
9	CHAVAN PALLAVI ARJUN	50	50	1	40	40	1	49	49	1
10	DEVKAR GANESH BALASAHEB	53	53	1	77	77	2	52	52	1
11	DEVKATE AMBADAS BAPU	43	43	1	64	64	2	56	56	1
12	DHUMAL RUTUJA MOHAN	40	40	1	44	44	1	53	53	1
13	FAND ANIKET PRAKASH	40	40	1	49	49	1	49	49	1
14	JAGTAP SHRIKANT RAMESH	60	60	1	69	69	2	62	62	2
15	KARI MAKARAND MUKUND	53	53	1	70	70	2	61	61	2
16	MOHITE NITIN DADA	52	52	1	59	59	1	45	45	1
17	MOMIN JISHANALI TAYYAB	30	30	1	40	40	1	54	54	1
18	NAMDAS GAURI VASANT	48	48	1	69	69	2	56	56	1
19	PAWAR MAYURI NAGNATH	56	56	1	54	54	1	44	44	1
20	SHAIKH SAMEER RAJJAK	40	40	1	50	50	1	55	55	1
21	SHAIKH SURAJ EKBAL	46	46	1	80	80	2	50	50	1
22	SHIRSAT SHABRI SANTOSH	45	45	1	56	56	1	43	43	1
23	SUPEKAR KRUSHNA TANAJI	40	40	1	58	58	1	58	58	1
24	TARANGE AKASH ASHOK	54	54	1	61	61	2	56	56	1
25	YADAV KIRAN RAJARAM	43	43	1	63	63	2	46	46	1
26	ZAGADE SUSHMA UTTAM	42	42	1	40	40	1	44	44	1
27	AJGAR PALLAVI RAVINDRA	60	60	1	89	89	2	83	83	2
28	ARADE PRAKTA PRAKASH	64	64	2	75	75	1	59	59	1
29	AWATE VIJAY SANJAY	42	42	1	85	85	2	63	63	2
30	BABAR MAHESH RAJENDRA	45	45	1	53	53	1	57	57	1
31	BANGALE SUJIT PRASHANT	42	42	1	51	51	1	20	20	1
32	BARAVKAR HARSHADA KHANDU	64	64	2	87	87	2	63	63	2
33	BHANDAVALKAR ABHIJEET NAMDEO	42	42	1	82	82	2	58	58	1
34	BHANGE SOURABH SUDHAKAR	45	45	1	82	82	2	63	63	2
35	BHANVASE SAVTA DATTATRAY	42	42	1	43	43	1	68	68	2
36	BHONG NIKHIL DNYANDEV	40	40	1	59	59	1	55	55	1
37	BHONG POOJA BALU	65	65	2	67	67	2	58	58	1
38	BHONG PUNAM RAMDAS	69	69	2	58	58	1	54	54	1
39	BHONG SAGAR NAMDEV	53	53	1	54	54	1	58	58	1

40	BHOSALE AKSHAY SANJAY	50	50	1	87	87	2	75	75	2
41	BORADE RAVIRAJ SURESH	69	69	2	60	60	1	50	50	1
42	CHANDANE BHAKTI DADA	66	66	2	70	70	2	59	59	1
43	CHAUGULE PRIYANKA SADHU	66	66	2	80	80	2	46	46	1
44	CHAVAN MAYUR SOMNATH	52	52	1	85	85	2	68	68	2
45	CHAVAN SIDHARTH VIJAY	53	53	1	75	75	2	72	72	2
46	CHAVARE ATUL VILAS	54	54	1	72	72	2	56	56	1
47	CHORGHE NEHA NAMDEV	56	56	1	82	82	2	68	68	2
48	DARDARE PALLAVI GULAB	46	46	1	83	83	2	70	70	2
49	DHARURKAR SARIKA SHRENI	61	61	2	88	88	2	55	55	1
50	DHOTRE DATTATRAY SHANKAR	65	65	2	89	89	2	68	68	2
51	DHOTRE RAJASHREE SHIVAJI	58	58	1	56	56	1	57	57	1
52	DONGARE GAURI APPASAHEB	60	60	1	64	64	2	57	57	1
53	GADEKAR HANUMANT NANDKUMAR	57	57	1	69	69	2	60	60	1
54	GAIKWAD ARATI KANTILAL	48	48	1	67	67	2	65	65	2
55	GAIKWAD MUKESH VAMAN	51	51	1	83	83	2	61	61	1
56	GAIKWAD PRAJWAL PANDURANG	60	60	1	86	86	2	49	49	1
57	GAIKWAD SUYASH SHARAD	45	45	1	69	69	2	69	69	2
58	GANBOTE GAYATRI SATISH	43	43	1	56	56	1	47	47	1
59	GAWALI PRATIKSHA PRAKASH	53	53	1	56	56	1	47	47	1
60	GHADGE ASHISH BALBHIM	58	58	1	59	59	1	58	58	1
61	GHODAKE PRAGATI DILIP	45	45	1	5	5	1	20	20	1
62	GODASE PRIYANKA NAGNATH	42	42	1	64	64	2	59	59	1
63	GOLANDE RUTUJA HANUMANT	56	56	1	8	8	1	20	20	1
64	GULAVE VIKRANT SOMESHWAR	42	42	1	66	66	2	51	51	1
65	HENDRE DIKSHA HANUMANT	43	43	1	77	77	2	63	63	2
66	HUBALE SOURABH SHANKAR	61	61	2	61	61	2	64	64	2
67	JADHAV SAMADHAN ASHOK	8	8	1	88	88	2	56	56	1
68	JADHAV SWATI TATYASOO	53	53	1	72	72	2	51	51	1
69	JADHAV VAISHALI MALHARI	8	8	1	69	69	2	46	46	1
70	JOSHI MAYURI SUDHIR	45	45	1	47	47	1	51	51	1
71	KADALE MADHURI ANIL	66	66	2	56	56	1	61	61	2
72	KALE ABHISHEK PRAFULLA	44	44	1	78	78	2	59	59	1
73	KALE MOHINI ARJUN	65	65	2	80	80	2	79	79	2
74	KALE RAMESH AMBADAS	56	56	1	74	74	1	58	58	1
75	KANGUDE SIDDHI ANGATRAO	58	58	1	50	50	1	48	48	1
76	KAPARE ARATI PITAMBAR	43	43	1	80	80	2	69	69	2
77	KARALE SHITAL SUBHASHCHANDRA	48	48	1	71	71	2	75	75	2
78	KATULE ASHWINI DADASAHEB	44	44	1	70	70	2	70	70	2
79	KAVITAKE SAURABH RAJARAM	67	67	2	72	72	2	65	65	2
80	KHADAKE ANUPAM MADHUKAR	52	52	1	73	73	2	70	70	2
81	KHARTODE MAHESH MARUTI	40	40	1	49	49	1	46	46	1
82	KISAVE RANI DHARMA	70	70	2	69	69	2	56	56	1
83	KOKARE TRUPTI NANASAHEB	67	67	2	61	61	2	62	62	2
84	KOKATE APPASO MUKIND	43	43	1	53	53	1	49	49	1
85	KSHIRSAGAR BHAIRVNATH RAJENDRA	68	68	2	62	62	2	54	54	1
86	KSHIRSAGAR SHIVAJI AUDUMBAR	64	64	2	72	72	2	52	52	1
87	KUMBHAR SHUBHANGI HARI	66	66	2	74	74	2	55	55	1
88	KUTE AMBADAS SUGRIV	50	50	1	83	83	2	76	76	2
89	LOKARE AKSHAY SHIVAJI	42	42	1	56	56	1	60	60	1

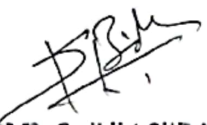
90	LONDHE AKSHAY BALASAHEB	42	42	1	74	74	2	50	50	1
91	LONDHE AKSHAY MAHAVEER	46	46	1	51	51	1	44	44	1
92	LONDHE KIRAN GOPINATH	56	56	1	74	74	2	59	59	1
93	LONDHE SUDHIR SAMBHAJI	40	40	1	64	64	2	46	46	1
94	MAHADIK RUPALI MOHAN	65	65	2	82	82	2	86	86	2
95	MAHAMUNI GAYATRI RAMESH	57	57	1	82	82	2	64	64	2
96	MANE PRITI SATISH	64	64	2	80	80	2	62	62	2
97	MENGADE SUJATA RAMCHANDRA	10	10	1	43	43	1	50	50	1
98	MOHITE NILESH LAXMAN	42	42	2	77	77	2	60	60	1
99	MORE PRIYANKA CHANDRAKANT	42	42	1	86	86	2	72	72	2
100	MORE PRIYANKA SOMNATH	52	52	1	62	62	2	46	46	1
101	NAGESH UTTAM BHONG	56	56	1	62	62	2	54	54	1
102	NALAWADE HARSHAWARDHAN POPAT	59	59	1	74	74	2	70	70	2
103	NANAWARE KIRAN DEVIDAS	48	48	1	70	70	2	64	64	2
104	NARUTE PRAVIN LAXMAN	57	57	1	75	75	2	60	60	1
105	NIKAM PRAMOD SURESH	70	70	2	53	53	1	70	70	2
106	NIKAM SUHAS DHANAJI	40	40	1	51	51	1	68	68	2
107	NIMBALKAR AKSHATA PRABHAKAR	64	64	2	78	78	2	76	76	2
108	PATHAN ISAK ISMAIL	61	61	1	93	93	3	74	74	2
109	PATIL RUSHIKESH BALASAHEB	43	43	1	57	57	1	46	46	1
110	PAWAR POOJA ANIL	63	63	2	61	61	2	52	52	1
111	PAWAR VRUSHALI DNYANDEO	53	53	1	65	65	2	50	50	1
112	PHALAKE SUDARSHAN KRISHNADEO	54	54	1	64	64	2	52	52	1
113	POL MONIKA LAHU	62	62	1	59	59	1	48	48	1
114	RANSHING KUMAR CHANGDEO	72	72	2	48	48	1	58	58	1
115	RAUT ASHWINI SHIVAJI	49	49	1	68	68	2	54	54	1
116	RAUT KOMAL MARUTI	41	41	1	56	56	1	52	52	1
117	RAUT VIKAS PANDURANG	50	50	1	63	63	2	60	60	1
118	RAVAN SAGAR VIJAYKUMAR	41	41	1	77	77	2	60	60	1
119	RUPNAVAR ASHISH DHANAJI	43	43	1	61	61	2	55	55	1
120	SALUNKE KAJAL BALASAHEB	41	41	1	69	69	2	60	60	1
121	SALUNKE ROHIT DEVIDAS	40	40	1	57	57	1	58	58	1
122	SALUNKE SAURBH AMBADAS	58	58	1	66	66	2	44	44	1
123	SATAV SHUBHAM RAMCHANDRA	61	61	2	67	67	2	64	64	2
124	SHAHANE SAURABH SURESH	54	54	1	75	75	2	66	66	2
125	SHAIKH KAJAL JAVED	57	57	1	74	74	2	74	74	2
126	SHAIKH RESHMA ADAM	48	48	1	61	61	2	54	54	1
127	SHELAKE PRAKASH MAHADEO	62	62	2	78	78	2	52	52	1
128	SHENDE KAJAL TATYA	43	43	1	64	64	2	54	54	1
129	SHINDE AKSHAY ISHWAR	57	57	1	86	86	2	67	67	2
130	SHINDE AMOL NAVNATH	72	72	2	72	72	2	58	58	1
131	SHINDE ANIKET MACHINDRA	53	53	1	83	83	2	70	70	2
132	SHINDE KIRTI SANJAY	62	62	2	64	64	2	56	56	1
133	SHINDE KOMAL AJINATH	70	70	2	92	92	3	74	74	2
134	SHINDE SAGAR BHAU	69	69	2	69	69	2	59	59	1
135	SHINDE SUPRIYA HANUMANT	65	65	2	72	72	2	58	58	1
136	SHINDE VANITA DATTATRAY	70	70	2	84	84	2	76	76	2
137	SHINDE VARSHA AUDUMBAR	75	75	2	89	89	2	84	84	2
138	SHINGADE GAURI HANUMANT	52	52	1	72	72	2	62	62	2
139	SHINGADE PRIYANKA LAXMAN	58	58	1	78	78	2	76	76	2

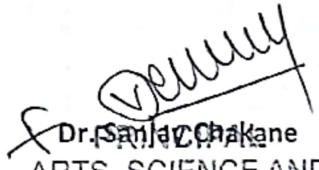
140	SHINGADE SUREKHA KAILAS	65	65	2	89	89	2	80	80	2
141	SHRIKHANDE BALASAHEB SHAHAJI	58	58	1	88	88	2	74	74	2
142	SONAWANE PALLAVI PRAKASH	59	59	1	76	76	2	70	70	2
143	SURVE PRAVIN POPAT	54	54	1	81	81	2	76	76	2
144	SURVE SRIKANT NARAYAN	47	47	1	78	78	2	66	66	2
145	TAMBOLI LAZINA RIYAJ	45	45	1	74	74	2	64	64	2
146	THOMBARE PALLAVI LAXMAN	62	62	2	74	74	2	66	66	2
147	TIPALE PRADIP POPAT	58	58	1	76	76	2	65	65	2
148	TOBARE SARIKA TUKARAM	50	50	1	62	62	2	66	66	2
149	VEDPATHAK MANISHA DEEPAK	56	56	1	66	66	2	52	52	1
150	VYAWAHARE BHANUDAS PIRAJI	52	52	1	68	68	2	58	58	1
151	VYAWAHARE PRATAP BHARAT	55	55	1	56	56	1	58	58	1
152	WAGH AKSHAY PRAKASH	74	74	2	84	84	2	87	87	2
153	YADAV DHANASHRI MOHAN	48	48	1	50	50	1	54	54	1
154	YEDE SANKALP BHALCHANDRA	65	65	2	82	82	2	74	74	2
155	ZAGADE PAYAL BHAGWAT	42	42	1	53	53	1	61	61	2
156	ZENDE ASHISH SAMADHAN	59	59	1	72	72	2	66	66	2
157	ZINGADE POOJA NAGESH	67	67	2	83	83	2	67	67	2
158	BALAPURE AKASH ANIL	45	45	1	46	46	1	50	50	1
159	BHANDE PRAKASH DATTU	42	42	1	48	48	1	49	49	1
160	BHISE AMAR DATTATRAYA	42	42	1	40	40	1	41	41	1
161	BHOSALE GANESH MADHUKAR	43	43	1	43	43	1	43	43	1
162	BONGANE RUPALI VASANT	56	56	1	43	43	1	46	46	1
163	DALAVI PRADNYA BHARAT	55	55	1	76	76	2	68	68	2
164	DARDARE PRIYANKA MOHAN	50	50	1	51	51	1	49	49	1
165	DEEPAK BALASAHEB BHOSALE	46	46	1	75	75	2	54	54	1
166	GAIKWAD SUSHMA SURESH	44	44	1	40	40	1	48	48	1
167	GARJE SANTOSH GORKH	57	57	1	44	44	1	59	59	1
168	GAVALI MAHESH POPAT	46	46	1	45	45	1	55	55	1
169	GHODAKE PRASHANT NIVRUTTI	60	60	1	86	86	2	44	44	1
170	GHOGARE DADASO DATTATRAY	64	64	2	63	63	2	43	43	1
171	GODAGE SUPRIYA BALIRAM	42	42	1	40	40	1	47	47	1
172	GOSAVI MAHESH SADASHIV	53	53	1	72	72	2	43	43	1
173	GUJRATHI YASH KAHANAYALAL	42	42	1	83	83	2	42	42	1
174	HARMODE JAYKUMAR SUKHDEV	40	40	1	42	42	1	51	51	1
175	HEGADE PRACHI PRAKASH	8	8	1	40	40	1	47	47	1
176	JAGDALE SUJIT MAHADEV	46	46	1	82	82	2	52	52	1
177	JAGTAP PRIYANKA VISHNU	56	56	1	73	73	2	45	45	1
178	JAMDADE SACHIN RANU	66	66	2	69	69	2	52	52	1
179	KACHARE SANIL UTTAM	40	40	1	75	75	2	46	46	1
180	KADAM SUMAN SURESH	50	50	1	51	51	1	41	41	1
181	KALEL NAVNATH TANAJI	40	40	1	83	83	2	46	46	1
182	KALSAIT RAHUL BALASAHEB	42	42	1	40	40	1	44	44	1
183	KALSAIT SACHIN GORAKH	40	40	1	40	40	1	44	44	1
184	KASBE MANISHA MANOJ	60	60	1	77	77	2	45	45	1
185	KASHID AKHILESH MACHHINDRA	55	55	1	42	42	1	48	48	1
186	KAVITAKE PRATIKSHA PANDURANG	45	45	1	48	48	1	42	42	1
187	KEDAR KISHOR SURTRAN	42	42	1	50	50	1	48	48	1
188	MISAL MINAL SHIVARAM	43	43	1	44	44	1	43	43	1
189	PATHAK MEGHA DILIP	50	50	1	60	60	1	44	44	1

190	PATIL AKSHAY BHARAT	50	50	1	40	40	1	45	45	1
191	PAWAR KANCHAN ASHOK	0	0	0	0	0	0	0	0	0
192	PISE GANESH RAMCHANDRA	60	60	1	41	41	1	42	42	1
193	RAUT ABHIJIT BABAN	49	49	1	82	82	2	67	67	2
194	ROKADE AISHWARYA VINAYAK	62	62	2	64	64	2	44	44	1
195	SABLE ARCHANA RAJAN	40	40	1	46	46	1	42	42	1
196	SARDE SAGAR DATTATRAY	43	43	1	41	41	1	43	43	1
197	SHAHA SURAJ MADANDAS	41	41	1	42	42	1	45	45	1
198	SHINDE RESHMA TANAJI	53	53	1	47	47	1	50	50	1
199	THORAT NAMITA PRADIP	41	41	1	4	4	1	21	21	1
200	BAGADE PRITI GOVIND	42	42	1	64	64	2	68	68	2
201	CHAUDHARI VISHAL DATTATRY	56	56	1	60	60	2	54	54	1
	Average			1.21			1.63			1.32


Dr. Sadashiv Umbardand

Head
Department Of Commerce
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Indapur, Dist. Pune-413106


Mr. Sandip Shinde
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Dr. Sanjay Chakane
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COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Calculation for CO Attainment - Academic Year 2019-20

Class: T. Y. B. Com

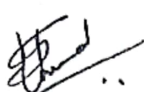
Annual

Sr. No.	Name of the student	305-h			306-h			305-e			306-e		
		Marks	%	CO4 Attainment	Marks	%	CO5 Attainment	Marks	%	CO6 Attainment	Marks	%	CO7 Attainment
1	APUNE VIJAY JAYANT							71	71	2	66	66	2
2	ARADE CHANDRAKANT VASANT	77	77	2	51	51	1						
3	BHONG NIKHIL POPAT	70	70	2	55	55	1						
4	BHONG PAYAL POPAT	84	84	2	65	65	2						
5	BHONG YOGESH MARUTI	39	39	1	44	44	1						
6	CHAVAN PALLAVI ARJUN				69	69	2						
7	DEVKAR GANESH BALASAHEB							62	62	2	62	62	2
8	JAGTAP SHRIKANT RAMESH	74	74	2	73	73	2						
9	KARI MAKARAND MUKUND	72	72	2	73	73	2						
10	MOHITE NITIN DADA	75	75	2	64	64	2						
11	MOMIN JISHANALI TAYYAB	61	61	2	63	63	2						
12	NAMDAS GAURI VASANT							58	58	1	57	57	1
13	PAWAR MAYURI NAGNATH							46	46	1	44	44	1
14	SHAIKH SAMEER RAJJAK	71	71	2	48	48	1						
15	SHAIKH SURAJ EKBAL							69	69	2	62	62	2
16	SHIRSAT SHABRI SANTOSH	64	64	2	47	47	1						
17	SUPEKAR KRUSHNA TANAJI							42	42	1	38	38	1
18	TARANGE AKASH ASHOK	81	81	2	69	69	2						
19	YADAV KIRAN RAJARAM	71	71	2	54	54	1						
20	ZAGADE SUSHMA UTTAM	59	59	1	46	46	1						
21	AJGAR PALLAVI RAVINDRA							79	79	2	80	80	2
22	ARADE PRAJKA PRAKASH							55	55	1	56	56	1
23	AWATE VIJAY SANJAY							48	48	1	53	53	1
24	BABAR MAHESH RAJENDRA	60	60	1	52	52	1						
25	BANGALE SUJIT PRASHANT	68	68	2	18	18	1						
26	BARAVKAR HARSHADA KHANDU							72	72	2	79	79	2
27	BHANVASE SAVTA DATTATRAY	66	66	2	48	48	1						
28	BHONG NIKHIL DNYANDEV	77	77	2	65	65	2						
29	BHONG PUNAM RAMDAS							65	65	2	61	61	2
30	BHONG SAGAR NAMDEV	73	73	2	52	52	1						
31	BHOSALE AKSHAY SANJAY							85	85	2	79	79	2
32	BORADE RAVIRAJ SURESH							56	56	1	44	44	1
33	CHAVAN SIDHARTH VIJAY							65	65	2	80	80	2
34	CHORGHE NEHA NAMDEV							72	72	2	79	79	2
35	DHARURKAR SARIKA SHRENI							61	61	2	39	39	1
36	DHOTRE DATTATRAY SHANKAR							71	71	2	70	70	2
37	DHOTRE RAJASHREE SHIVAJI												
38	DONGARE GAURI APPASAHEB							49	49	1	56	56	1
39	GADEKAR HANUMANT NANDKUMAR												

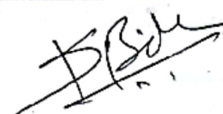
40	GAIKWAD ARATI KANTILAL						56	56	1	64	64	2
41	GAIKWAD MUKESH VAMAN											
42	GAIKWAD PRAJWAL PANDURANG						54	54	1	50	50	1
43	GAIKWAD SUYASH SHARAD						66	66	2	67	67	2
44	GANBOTE GAYATRI SATISH						51	51	1	64	64	2
45	GAWALI PRATIKSHA PRAKASH						51	51	1	56	56	1
46	GHODAKE PRAGATI DILIP	26	26	1	22	22	1					
47	GODASE PRIYANKA NAGNATH						56	56	1	52	52	1
48	GOLANDE RUTUJA HANUMANT	26	26	1	21	21	1					
49	GULAVE VIKRANT SOMESHWAR	75	75	2	66	66	2					
50	HENDRE DIKSHA HANUMANT						68	68	2	70	70	2
51	KADALE MADHURI ANIL	67	67	2	58	58	1					
52	KALE MOHINI ARJUN						78	78	2	84	84	2
53	KALE RAMESH AMBADAS	81	81	2	72	72	2					
54	KARALE SHITAL SUBHASHCHANDRA						71	71	2	74	74	2
55	KATULE ASHWINI DADASAHEB						64	64	2	78	78	2
56	KHADAKE ANUPAM MADHUKAR						45	45	1	54	54	1
57	KHARTODE MAHESH MARUTI	80	80	2	73	73	2					
58	KISAVE RANI DHARMA	72	72	2	68	68	2					
59	KOKARE TRUPTI NANASAHEB						53	53	1	47	47	1
60	KSHIRSAGAR BHAIRVNATH RAJENDRA	75	75	2	63	63	2					
61	KSHIRSAGAR SHIVAJI AUDUMBAR						56	56	1	76	76	2
62	KUMBHAR SHUBHANGI HARI						51	51	1	44	44	1
63	KUTE AMBADAS SUGRIV						68	68	2	70	70	2
64	LOKARE AKSHAY SHIVAJI	83	83	2	60	60	1					
65	LONDHE AKSHAY MAHAVEER	76	76	2	62	62	2					
66	LONDHE KIRAN GOPINATH						68	68	2	58	58	1
67	MAHADIK RUPALI MOHAN						64	64	2	72	72	2
68	MENGADE SUJATA RAMCHANDRA	54	54	1	48	48	1					
69	MOHITE NILESH LAXMAN	88	88	2	73	73	2					
70	MORE PRIYANKA CHANDRAKANT						78	78	2	77	77	2
71	NAGESH UTTAM BHONG	73	73	2	52	52	1					
72	NANAWARE KIRAN DEVIDAS	90	90	2	70	70	2					
73	NARUTE PRAVIN LAXMAN						50	50	1	56	56	1
74	NIKAM PRAMOD SURESH	68	68	2	61	61	2					
75	NIKAM SUHAS DHANAJI						55	55	1	66	66	2
76	NIMBALKAR AKSHATA PRABHAKAR	91	91	3	85	85	2					
77	PATHAN ISAK ISMAIL						79	79	2	76	76	2
78	RANSHING KUMAR CHANGDEO	77	77	2	54	54	1					
79	RAUT KOMAL MARUTI	86	86	2	71	71	2					
80	RAUT VIKAS PANDURANG						72	72	2	61	61	2
81	RAVAN SAGAR VIJAYKUMAR	81	81	2	64	64	2					
82	RUPNAVAR ASHISH DHANAJI						59	59	1	56	56	1
83	SALUNKE KAJAL BALASAHEB						62	62	2	57	57	1
84	SALUNKE SAURBH AMBADAS	78	78	2	61	61	2					
85	SATAV SHUBHAM RAMCHANDRA						65	65	2	65	65	2
86	SHAHANE SAURABH SURESH	86	86	2	69	69	2					
87	SHAIKH KAJAL JAVED	89	89	2	81	81	2					
88	SHAIKH RESHMA ADAM						56	56	1	62	62	2
89	SHENDE KAJAL TATYA						47	47	1	56	56	1

90	SHINDE AKSHAY ISHWAR	73	73	2	65	65	2						
91	SHINDE ANIKET MACHINDRA	67	67	2	71	71	2						
92	SHINDE KOMAL AJINATH							73	73	2	74	74	2
93	SHINDE SUPRIYA HANUMANT	89	89	2	74	74	2						
94	SHINDE VANITA DATTATRAY							69	69	2	79	79	2
95	SHINDE VARSHA AUDUMBAR							73	73	2	80	80	2
96	SHINGADE GAURI HANUMANT	71	71	2	56	56	1						
97	SHINGADE PRIYANKA LAXMAN							64	64	2	66	66	2
98	SHINGADE SUREKHA KAILAS							64	64	2	74	74	2
99	SHRIKHANDE BALASAHEB SHAHAJI							67	67	2	71	71	2
100	SONAWANE PALLAVI PRAKASH							76	76	2	69	69	2
101	SURVE PRAVIN POPAT	78	78	2	66	66	2						
102	SURVE SRIKANT NARAYAN							62	62	2	60	60	1
103	TAMBOLI LAZINA RIYAJ							70	70	2	74	74	2
104	THOMBARE PALLAVI LAXMAN							55	55	1	77	77	2
105	TIPALE PRADIP POPAT							59	59	1	72	72	2
106	TOBARE SARIKA TUKARAM							55	55	1	75	75	2
107	VEDPATHAK MANISHA DEEPAK							60	60	1	60	60	1
108	VYAWAHARE BHANUDAS PIRAJI	83	83	2	66	66	2						
109	VYAWAHARE PRATAP BHARAT	66	66	2	52	52	1						
110	WAGH AKSHAY PRAKASH							72	72	2	85	85	2
111	YEDE SANKALP BHALCHANDRA	70	70	2	64	64	2						
112	ZAGADE PAYAL BHAGWAT	76	76	2	46	46	1						
113	ZENDE ASHISH SAMADHAN	80	80	2	67	67	2						
114	ZINGADE POOJA NAGESH							53	53	1	48	48	1
115	BALAPURE AKASH ANIL	62	62	2	57	57	1						
116	BHANDE PRAKASH DATTU	47	47	1	49	49	1						
117	BHOSALE GANESH MADHUKAR	59	59	1	68	68	2						
118	BONGANE RUPALI VASANT	57	57	1	64	64	2						
119	DARDARE PRIYANKA MOHAN	66	66	2	65	65	2						
120	GAVALI MAHESH POPAT	54	54	1	56	56	1						
121	GHODAKE PRASHANT NIVRUTTI	49	49	1	48	48	1						
122	GHOGARE DADASO DATTATRAY	56	56	1	59	59	1						
123	GODAGE SUPRIYA BALIRAM	58	58	1	69	69	2						
124	GOSAVI MAHESH SADASHIV	43	43	1	52	52	1						
125	GUJRATHI YASH KAHANAYALAL							53	53	1	52	52	1
126	HARMODE JAYKUMAR SUKHDEV							60	60	1	58	58	1
127	HEGADE PRACHI PRAKASH	40	40	1	55	55	1						
128	JAGDALE SUJIT MAHADEV							53	53	1	28	28	1
129	JAGTAP PRIYANKA VISHNU	53	53	1	74	74	2						
130	JAMDADE SACHIN RANU	52	52	1	68	68	2						
131	KACHARE SANIL UTTAM	63	63	2	69	69	2						
132	KALSAIT RAHUL BALASAHEB							50	50	1	44	44	1
133	KASHID AKHILESH MACHHINDRA							63	63	2	56	56	1
134	KEDAR KISHOR SURTRAN							51	51	1	55	55	1
135	PATIL AKSHAY BHARAT	49	49	1	59	59	1						
136	PISE GANESH RAMCHANDRA							54	54	1	54	54	1
137	RAUT ABHIJIT BABAN	46	46	1	58	58	1						
138	ROKADE AISHWARYA VINAYAK							47	47	1	66	66	2
139	SARDE SAGAR DATTATRAY	63	63	2	67	67	2						

140	SHAHA SURAJ MADANDAS							54	54	1	56	56	1
141	SHINDE RESHMA TANAJI							56	56	1	55	55	1
142	CHAUDHARI VISHAL DATTATRY	75	75	2	62	62	2						
	Average			1.74			1.57			1.50			1.56


Dr. Sadashiv Umbardand

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Mr. Sandip Shinde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106


Dr. Sanjay Chakane

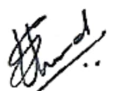
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST. PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Calculation for CO Attainment - Academic Year 2019-20

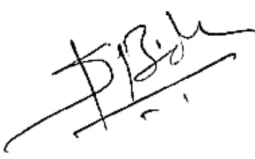
Class: T. Y. B. Com.

Annual

Semester	Course Code	Course Name	Course No.	Course Attainment
Annual	301	Business Regulatory And Framework	CO1	1.21
	302	Advanced Accounting	CO2	1.63
	304	Auditing And Taxation	CO3	1.32
	305-h	Marketing Management-II	CO4	1.74
	306-h	Marketing Management-III	CO5	1.57
	305-e	Cost And Work Accounting-II	CO6	1.50
	306-e	Cost And Work Accounting-III	CO7	1.56
			Average	1.50


Dr. Sadashiv Umbardand

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Dr. Sanjay Chakane
PRINCIPAL
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 COMMERCE COLLEGE
 INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce

Attainment Level of CO/PO/PSO - Academic Year 2019-20

Class: T. Y. B. Com.

Annual

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Commerce	1.50	1	1.20	0.2	1.4	1.51	1.53	3

Dr. Sadasiv Umbardand

Head

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Arts, Science and Commerce College,
Indapur, Dist. Pune-413106

Mr. Sandip Shinde

Coordinator/OAC

Arts, Science and Commerce College
Indapur, Dist Pune - 413106

Dr. Sandip Chakane

Principal

ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Indirect Method) - Academic Year 2019-20

Class: T.Y.B.Com

Annual

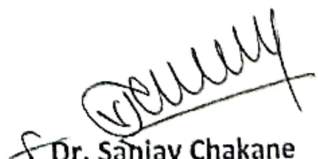
Sr. No.	Name of the student	Degree	Institute
1	KOKARE TRUPTI NANASAHEB	M.Com	ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
2	ROKADE AISHWARYA VINAYAK	M.Com	
3	KALE RAMESH AMBADAS	M.Com	
4	SHINDE VANITA DATTATRY	M.Com	
5	ZENDE ASHISH SAMADHAN	M.Com	
6	SHINE SUPRIYA HANUMANT	M.Com	
7	RANSHING KUMAR CHANGDEV	M.Com	
8	RAUT ABHIJIT BABAN	M.Com	
9	MAHADIK RUPALI MOHAN	M.Com	
10	PHALAKE SUDARSHAN KRUSHNDEV	M.Com	
11	SHINGADE GAURI HANUMANT	M.Com	
12	DHOTRE RAJSHREE SHIVAJI	M.Com	
13	BAGADE PRITI GOVIND	M.Com	
14	MAHAMUNI GAYATRI RAMESH	M.Com	
15	KOKATE APPSO MUKIN	M.Com	
16	GULAVE VIKARNT SOMESHWAR	M.Com	
17	KSHIRSAGAR BHAIRVNATH RAJENDRA	M.Com	

Placement & Progression = 8.46 %

Level = 1 (Low)


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 INDAPUR-413106 DIST. PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Commerce
Course Attainment (Direct Method) - Academic Year 2019-20

Class: T. Y. B. Com.

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
Annual	301	Business Regulatory And Framework	CO1	1.21	2	Partially Achieved	Subject is difficult to understand due to laws and clause
	302	Advanced Accounting	CO2	1.63	3	Satisfactorily Achieved	
	304	Auditing And Taxation	CO3	1.32	2	Partially Achieved	
	305-h	Marketing Management-II	CO4	1.74	3	Satisfactorily Achieved	Lack of practical knowledge
	306-h	Marketing Management-III	CO5	1.57	3	Satisfactorily Achieved	
	305-e	Cost And Work Accounting-II	CO6	1.50	3	Satisfactorily Achieved	
	305-e	Cost And Work Accounting-III	CO7	1.56	3	Satisfactorily Achieved	

Dr. Sadashiv Umbardand

Mr. Sandip Shinde
Arts, Science & Commerce College
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Dr. Sanjay Chakane
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INDAPUR-413106, DIST. PUNE

Department of Chemistry T.Y.B.Sc (A.Y-2019-20)

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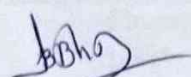
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Department of Chemistry T.Y.B.Sc (A.Y- 2019-20)

Semester	Course Code	Course Name	Course Attainment	Level Achieved	Justification
Sem V	CH-331	Physical Chemistry	1.39	Partially Achieved	Need to Improve by conducting extra Lectures
	CH-332	Inorganic Chemistry	1.29	Partially Achieved	Need to Improve by conducting extra Lectures
	CH-333	Organic Chemistry	1.3	Partially Achieved	Need to Improve by conducting extra Lectures
	CH-334	Analytical Chemistry	1.46	Partially Achieved	Need to Improve by conducting extra Lectures
	CH-335	Industrial Chemistry	1.51	Satisfactorily Achieved	
	CH-336E	Agriculture Chemistry	1.58	Satisfactorily Achieved	
Sem VI	CH-341	Physical Chemistry	1.75	Satisfactorily Achieved	
	CH-342	Inorganic Chemistry	1.82	Satisfactorily Achieved	
	CH-343	Organic Chemistry	1.62	Satisfactorily Achieved	
	CH-344	Analytical Chemistry	1.97	Satisfactorily Achieved	
	CH-345	Industrial Chemistry	2.09	Significantly Achieved	
	CH-347	Physical Chemistry Practicals	2.85	Significantly Achieved	
	CH-348	Inorganic Chemistry Practicals	2.8	Significantly Achieved	
	CH-349	Organic Chemistry Practicals	2.91	Significantly Achieved	
	CH-346E	Dairy Chemistry	2.43	Significantly Achieved	
Total	28.77				
Average	1.918			Satisfactorily Achieved	

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Head
 Department Of Chemistry
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Department of Chemistry T.Y.B.Sc (A.Y- 2019-2020)

Attainment of CO (Indirect Method)			
Sr. No.	Name of the student	Degree/ profession	Institute
1	Sabale Saurabh Shashikant	M.Sc	A.S.C College, Indapur
2	Meher Onkar Jambuvant	M.Sc	A.S.C College, Indapur
3	Bhagwat Vikram Mahadev	M.Sc	A.S.C College, Indapur
4	Markad Gitisha Ramesh	M.Sc	A.S.C College, Indapur
5	Tarange Sonali Rupchand	M.Sc	A.S.C College, Indapur
6	Bhosale Akshay Ankush	M.Sc	A.S.C College, Indapur
7	Tarange Jagdish Shivaji	M.Sc	A.S.C College, Indapur
8	Raut Ravindra Bharat	M.Sc	A.S.C College, Indapur
9	Wagh Aniket Bharat	M.Sc	A.S.C College, Indapur
10	Kopnawar Hanumant Rajendr	M.Sc	A.S.C College, Indapur
11	Raut Apeksha Uddhav	M.Sc	A.S.C College, Indapur
12	Mane Komal Pandurang	M.Sc	A.S.C College, Indapur
13	Mane Somnath Tukaram	M.Sc	A.S.C College, Indapur
14	Kodlinge Akshay Haridas	M.Sc	A.S.C College, Indapur
15	Kumbhar Amol Nanaso	M.Sc	A.S.C College, Indapur
16	Kale Rutuja Harishchandra	M.Sc	A.S.C College, Indapur
17	Jadhav Shweta Ashok	M.Sc	A.S.C College, Indapur
18	Bhongale Madhuri Dashrath	M.Sc	A.S.C College, Indapur
19	Bongane Supriya Chandrakant	M.Sc	A.S.C College, Indapur
20	Gade Mayur Dattatray	M.Sc	A.S.C College, Indapur

Placement and progression= 18.01802
Level= 2

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[Signature]
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Department Of Chemistry
Arts, Science & Commerce
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Department of Chemistry T.Y.B.Sc (A.Y- 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of		Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment
				Average attainment of Course by direct method	20% of Average attainment of indirect method				
1	Chemistry	1.91	2	1.53	0.4	1.73	1.48	1.49	level 3

[Signature]

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CO PO Mapping Matrix															
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	1	3	3	2	2	3	2	2	1	3	2	1
CO2	2	2	1	2	2	2	1	2	2	1	1	2	2	1	2
CO3	1	1	3	2	1	1	3	3	1	2	3	1	1	3	1
CO4	2	1	1	1	1	1	3	3	1	2	3	1	1	3	1
CO5	3	2	1	1	2	1	1	2	2	1	2	1	2	3	1
CO6	1	1	2	2	3	2	2	2	3	2	3	2	2	2	2
CO7	2	3	3	1	1	1	1	3	1	2	1	3	1	1	3
CO8	2	3	2	2	2	3	3	1	2	3	2	1	3	3	1
CO9	1	2	3	3	3	2	2	3	2	3	3	3	3	2	3
CO10	3	1	2	2	2	3	3	2	3	2	2	2	2	3	1
CO11	2	2	1	3	1	3	2	3	2	3	3	3	3	1	2
CO12	2	3	3	1	3	3	1	2	3	2	2	2	2	2	2
CO13	3	2	2	2	2	2	3	3	2	3	2	3	3	2	3
CO14	2	1	2	3	3	3	2	2	1	1	3	2	2	3	1
CO15	3	2	2	2	3	3	3	1	2	2	2	2	2	1	2
Total	32	29	30	29	34	35	31	33	32	32	33	30	32	31	28
attainmen	1.47	1.52	1.47	1.54	1.48	1.46	1.43	1.50	1.49	1.47	1.49	1.52	1.47	1.46	1.50
Total	14.83										7.46				
Average	1.48										1.49				

Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapure, Dist. Pune



Principal
Arts, Science and
Commerce College
Indapure-413106 Dist. Pune

Course Attainment(Direct Method)

Semester	Course Code	Course No.	Course Attainment
Sem V	PH331	(CO1)	1.64
	PH 332	(CO2)	1.79
	PH 333	(CO3)	1.58
	PH 334	(CO4)	1.55
	PH 335	(CO5)	1.41
	PH 336	(CO6)	1.52
	PH 341	(CO 7)	1.91
	PH 342	(CO8)	1.38
SEM VI	PH 343	(CO9)	1.41
	PHY 344	(CO10)	2.17
	PHY 345	(CO11)	2.41
	PH 346	(CO12)	2.14
Practicals	PH 347	(CO13)	3
	PH 348	(CO14)	3
	PH 349	(CO15)	3
		Average	1.99

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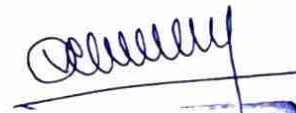
CO*PO6	PO7	CO*PO7	PO8	CO*PO8	PO9	CO*PO9	PO10	CO*PO10	PSO1	CO*PSO1	PSO2	CO*PSO2
3.28	2	3.28	2	3.28	2	3.28	2	3.28	2	3.28	3	4.92
5.37	2	3.58	2	3.58	2	3.58	3	5.37	3	5.37	2	3.58
1.58	3	4.74	3	4.74	3	4.74	2	3.16	2	3.16	3	4.74
3.1	2	3.1	2	3.1	3	4.65	2	3.1	3	4.65	2	3.1
4.23	2	2.82	3	4.23	1	1.41	2	2.82	2	2.82	2	2.82
3.04	2	3.04	1	1.52	2	3.04	3	4.56	2	3.04	1	1.52
5.73	3	5.73	3	5.73	3	5.73	2	3.82	3	5.73	3	5.73
4.14	3	4.14	3	4.14	3	4.14	3	4.14	3	4.14	3	4.14
4.23	3	4.23	3	4.23	3	4.23	3	4.23	3	4.23	3	4.23
4.34	2	4.34	2	4.34	2	4.34	3	6.51	2	4.34	2	4.34
7.23	2	4.82	1	2.41	2	4.82	2	4.82	2	4.82	3	7.23
4.28	3	6.42	3	6.42	2	4.28	3	6.42	2	4.28	2	4.28
9	2	6	2	6	3	9	2	6	3	9	2	6
6	2	6	2	6	2	6	2	6	2	6	1	3
9	2	6	2	6	3	9	3	9	3	9	2	6
74.55	35	68.24	34	65.72	36	72.24	37	73.23	37	73.86	34	65.63
2.01		1.94		1.93		2		1.97		1.99		1.93
									Total PSO	9.84	Average=	1.96

PSO3	CO*PSO3	PSO4	CO*PSO4	PSO5	CO*PSO5
2	3.28	2	3.28	2	3.28
3	5.37	2	3.58	3	5.37
2	3.16	3	4.74	2	3.16
3	4.65	2	3.1	3	4.65
2	2.82	2	2.82	3	4.23
1	1.52	2	3.04	2	3.04
3	5.73	3	5.73	3	5.73
3	4.14	3	4.14	3	4.14
2	2.82	3	4.23	3	4.23
2	4.34	2	4.34	2	4.34
1	2.41	2	4.82	3	7.23
3	6.42	3	6.42	2	4.28
3	9	2	6	3	9
1	3	3	9	2	6
3	9	2	6	2	6
34	67.66	36	71.24	38	74.68
	1.99		1.97		1.96

Attainment Level CO-PO- PSO

Department	Average attainment of course by direct method	Average attainment of course by indirect method	80% average attainment of course by direct method I	20% average attainment of course by direct method II	Attainment of CO I+II	Average attainment of PO	Average attainment of PSO	Attainment Level PO/ PSO
Physics	1.99	2	1.59	0.4	1.99	1.97	1.96	Level 3


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 College, Indapur, Dist. Pune


Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

Department of Political Science (T.Y. B.A. 2019-20)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Annual	(G3) 3167	Political Ideology	(CO1)	1.22
	(S3) 3168	Public Administration	(CO2)	1.38
	(S4) 3169	International Politics	(CO3)	1.00
Total				3.6
Average				1.20



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INDAPUR-413106 DIST-PUNE

CO-PO/PSO Mapping(Direct Method) (T.Y. Political Science) 2019-20															
CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	3	2	3	2	3	2	2	2	2	2	3	3	3	3
Co2	3	2	3	3	2	2	3	3	3	3	2	3	3	2	3
Co 3	3	2	2	3	2	2	3	3	2	2	2	2	2	3	2
Total	9	7	7	9	6	7	8	8	7	7	6	6	8	8	8
PO/PSO Attainment															
Total PO	12.07										Total PSO	6.05			
Average PO	1.20	-									PSO Average	1.21			


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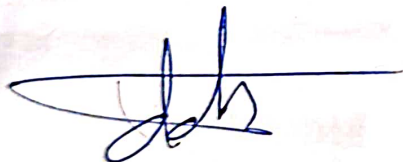
Attainment of CO- (Indirect Method) 19-20

Sr. No.	Name of the student	Degree	Institute
1.	More Sagar Hanumant	M.A.	A.S.C. College Indapur
2.	Gaikwad Akash Tanaji	M.A.	A.S.C. College Indapur
3.	Pawar Sonali Ramling	M.A.	A.S.C. College Indapur
4.	Kale Suraj Subhash	M.A.	A.S.C. College Indapur
5.	Narute Namdev Arjun	M.A.	A.S.C. College Indapur
6.	Bhosale Kajal Ashok	M.A.	A.S.C. College Indapur
7.	Bhosale Ranjit Gautam	M.A.	A.S.C. College Indapur
8.	Deokar Tejas Balbhim	M.A.	A.S.C. College Indapur
9.	Mukane Sonali Bibhishan	M.A.	A.S.C. College Indapur
10.	Chavan Ajinkya Sanjay	M.A.	A.S.C. College Indapur
11.	Yele Mayuri Suresh	M.A.	A.S.C. College Indapur
12.	Kambale Subhash Raju	M.A.	A.S.C. College Indapur
13.	Bhosale Pooja Vilas	M.A.	A.S.C. College Indapur
14.	Sul Tushar Bharat	M.A.	A.S.C. College Indapur
15.	Waghmode Rohit	M.A.	A.S.C. College Indapur

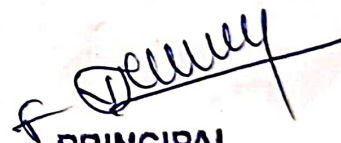
Placement & Progression = $15/38 * 100$

=39.47%

Level = 2 (Moderate)



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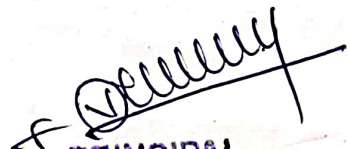
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Attainment Level of CO-PO-PSO (A.Y. 2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.73	2	1.38	0.40	1.78	1.20	1.21	Level 2



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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Course Attainment - Academic Year 2020-21

Class: M.A./ M. Sc.

Sem: III

Student	GGUT-235			GGUT-236			GGUT-240			GGDT-241			GGUT-243			GGUP-248		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	63	63	2	68	68	2	65	65	2	36	72	2	29	58	1	72	72	2
S2	53	53	1	53	53	1	55	55	1	40	80	3	29	58	1	76	76	2
S3	85	85	3	72	72	2	68	68	2	39	78	2	40	80	3	78	78	2
S4	61	61	2	47	47	1	59	59	1	36	72	2	29	58	1	70	70	2
S5	54	54	1	54	54	1	56	56	1	36	72	2	24	48	1	70	70	2
S6	53	53	1	65	65	2	63	63	2	38	76	2	31	62	2	75	75	2
S7	80	80	3	51	51	1	57	57	1	46	96	3	39	78	3	90	90	3
Avg			1.8			1.4			1.4			2.2			1.7			2.1

Class: M.A./ M. Sc.

Sem: IV

Student	GGUT-249			GGUT-250			GGUT-251			GGUT-252			GGDP-257			GGUT-258		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	84	84	3	71	71	2	51	51	1	43	86	3	39	78	2	80	80	2
S2	26	52	1	23	46	1	21	42	1	13	13	1	44	88	3	25	50	1
S3	85	85	3	20	20	1	91	91	3	43	86	3	43	86	3	96	96	3
S4	84	84	3	77	77	2	69	69	2	41	82	3	39	78	2	93	93	3
S5	76	76	2	76	76	3	57	57	1	36	72	2	42	84	3	71	71	2
S6	56	56	1	19	19	1	48	48	1	34	78	2	41	82	3	52	52	1
S7	90	90	3	66	66	2	67	67	2	44	88	3	46	92	3	95	95	3
Avg			2.2			1.7			1.5			2.4			2.7			2.1

Mr. Gajanan Meshram
Department of Geography
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Indapur, Dist. Pune - 413106

Mr. Viresh Holikunde
Coordinator IQAC
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Indapur, Dist. Pune - 413106

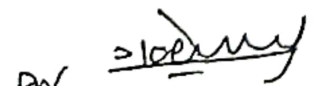
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2020-21

Class: M. A./ M. Sc

Sem III & IV

Semester	Course Code	Course Name	Course No.	Course Attainment
III	GGUT-235	Geoinformatics-II	CO1	1.8
	GGUT-236	Geographical Thought	CO2	1.4
	GGUT-240	Urban Geography	CO3	1.4
	GGDT-241	Practical In Geoinformatics	CO4	2.2
	GGUT-243	Watershed Management	CO5	1.7
	GGUP-248	Practical In Population & Settlement Geography	CO6	2.1
IV	GGUT-249	Geography of India	CO7	2.2
	GGUT-250	Ocenography	CO8	1.7
	GGUT-251	Research Methodology	CO9	1.5
	GGUT-254	Political Geography	CO10	2.4
	GGDP-257	Interpretation of Topographical Map & GPS Survey	CO11	2.7
	GGUT-258	Geography of World	CO12	2.1
			Avg	1.93


Mr. Gajanan Meshram

Head
Department of Geography
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Mr. Viresh Holkunde
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2020-21

Class: M. A./ M. Sc

Sem III & IV

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POS1	POS2	POS3	POS4	POS5
CO1	3	1	2	1	1	1	3	3	3	0	1	3	2	2	2
CO2	2	2	0	2	2	2	1	1	1	3	2	2	2	3	2
CO3	3	1	2	2	2	3	2	2	2	1	3	2	2	2	1
CO4	1	3	1	1	2	2	3	3	1	2	0	3	1	1	2
CO5	3	3	1	2	2	1	3	0	0	2	1	2	0	0	2
CO6	1	1	1	3	1	1	2	2	2	3	2	3	0	2	0
CO7	2	2	3	3	2	2	1	1	3	0	3	0	2	0	0
CO8	3	3	1	3	1	2	2	3	1	1	3	1	1	2	2
CO9	1	1	2	3	2	3	3	1	2	2	3	2	2	3	0
CO10	1	2	2	0	1	3	2	1	2	1	2	0	2	1	3
CO11	1	2	1	1	2	2	2	3	1	3	2	2	2	2	3
CO12	2	2	1	3	1	3	1	2	3	1	2	3	3	3	3
PO Attainment	1.83	1.97	1.96	1.85	1.91	1.93	1.92	2.00	1.96	1.95	1.89	1.90	1.95	1.86	2.03
Total PO	19.3										Total PSO	9.62			
Average PO	1.93										Average PSO	1.92			

Mr. Gajanan Meshram
HOD
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Indirect Method) - Academic Year 2020-21

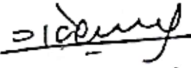
Class: M. A. II

Sem: III & IV

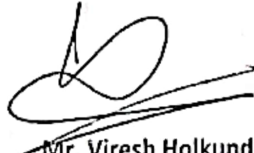
Sr. No.	Name of the student	Degree	Institute
1	Sapkal Sunil Dnyaneshwar	M. A	Bhairavnath College, Khutbav, Tal. Daund, Dist. Pune

Placement & Progression = 14.28 %

Level = 1 (Low)


Mr. Gajanan Meshram

Head
Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. Pune-413106


Mr. Viresh Holkunde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur, Dist Pune - 413106


Dr. Sanjay Chakane
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Attainment Level of CO/PO/PSO - Academic Year 2020-21

Class: M. A. II

Sem: III & IV

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (i)	20% of Average Attainment of Course by Indirect Method (ii)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	1.93	1	1.54	0.20	1.74	1.93	1.92	Level 3

For Mr. Gajanan Meshram

Arts, Science and Commerce College,
Indapur, Dist. Pune - 413103

Mr. Viresh Holikunde

Arts, Science and Commerce College,
Indapur, Dist. Pune - 413103

For Dr. Sanjay Chakane
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR - 413103 DIST. PUNE

DEPARTMENT OF HINDI M.A-II (A.Y. 2020-21)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	30501	Adhunik Kavya	(CO1)	2.06
	30502	Bhasha Vidnyan	(CO2)	1.86
	30503	Hindi Sahitya ka Itihas	(CO3)	1.86
	30504	Hindi Alochana	(CO4)	1.93
SEM IV	40501	Adhunik Kavita	(CO5)	2.06
	40502	Hindi bhasha ka Vikas	(CO6)	1.86
	40503	Hindi Sahitya ka Itihas(Adhunik Kal)	(CO7)	1.93
	40504	Bharatiya Loksahitya	(CO8)	1.93
			Total	15.49
			Average	1.93

DEPARTMENT OF HINDI M.A-II (A.Y. 2020-21)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
	30501	Adhunik Kavya	(CO1)	2.06	5	Completely achieved	extra class conducted
Sem III	30502	Bhasha Vidnyan	(CO2)	1.86	3	Satisfied Achieved	
	30503	Hindi Sahitya ka Itihas	(CO3)	1.86	3	Satisfied Achieved	
	30504	Hindi Alochana	(CO4)	1.93	3	Satisfied Achieved	
SEM IV	40501	Adhunik Kavita	(CO5)	2.06	5	Completely achieved	Group Discussion
	40502	Hindi bhasha ka Vikas	(CO6)	1.86	3	Satisfied Achieved	
	40503	Hindi Sahitya ka Itihas (Adhunik Kal)	(CO7)	1.93	3	Satisfied Achieved	
	40504	Bharatiya Loksahitya	(CO8)	1.93	3	Satisfied Achieved	
			Total	15.49			
			Average	1.93			

[Signature]

डॉ. एस. एन. पवार
हिंदी विभाग प्रमुख
राजा ज्ञानेश्वर महाविद्यालय
रेलवे स्टेशन रोड, इंदूर-413106

[Signature]

PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

CO Attainment in Direct Method (M.A.-II) 2020-21

Sr. No.	Name of the student	Degree/Profession	Institute
1	Misal Manjushri Dattatraya	Assist.Porfessor	A.S.C.College Indapur, Dist-Pune
2	Kambale Meghana Sarjerao	Teacher	PEMS, Indapur, Dist-Pune
3	Dadas Dattatraya Bhagwan	Inc.Principal	Radhika Hihgschool Indapur
4	Shingate Nikhil Vitthal	Supervaiser	Pvt.Ltd.Comp.MIDC Loni ,Indapur
		%	26.66%
		Attainment Level	2 (Moderate)

2020-21

Name of Students	CO1		CO2		CO3		CO4		CO4 Atta		Marks	
	Marks	%	CO1 Atta.	Marks %	CO2 Atta	Marks %	CO3 %	Marks	CO3 Atta	Marks	CO4 %	Marks
WADAKAR UMESH DATTATRAY	67	67	2	73	73	73	66	66	2	69	69	72
KAMBALE MEGHANA SARJERAO	71	71	2	72	72	72	77	77	2	67	67	68
BHOSLE NITIN VISHNU	71	71	2	65	65	65	62	62	2	64	64	62
CHANDANSHIVE AJIT PANDHARINATH	61	61	2	63	63	63	66	66	2	68	68	64
MORE AMOL HIRA	81	81	3	72	72	72	72	72	2	73	73	67
SHINGTE NIKHIL VITHAL	67	67	2	72	72	72	66	66	2	68	68	62
DESHMUKH DIPALI AANANDRAO	77	77	2	68	68	68	73	73	2	55	55	69
PISAL MANJUSHRI DATTATRAY	77	77	2	72	72	72	74	74	2	81	81	81
DARGUDE DARYAPPA HANUMANT	61	61	2	59	59	59	66	66	2	67	67	72
PAWAR RENUKA SHARAD	64	64	2	63	63	63	71	71	2	73	73	68
KOLHE PRAJUKTA DIPAK	68	68	2	77	77	77	72	72	2	79	79	71
DADAS DATTATRAY BHAGVAN	70	70	2	66	66	66	69	69	2	73	73	73
GADHVE ADITYA SHIVAJI	66	66	2	59	59	59	67	67	2	71	71	63
DHAAVRE PURUSHOTTAM NIVRUTI	69	69	2	66	66	66	55	55	1	58	58	68
HEGADE PRAVIN BHARAT	61	61	2	63	63	63	59	59	1	66	66	71

CO5 %	CO5 Atta	Marks	CO6 %	CO6 Marks	CO6 Atta	Marks	CO7 %	CO7 Marks	CO7 Atta	M+W3:AA3 %	CO8 %	CO8 Atta
72	2	66	66	2	2	69	69	69	2	71	71	2
68	2	71	71	2	2	72	72	72	2	72	72	2
62	2	61	61	2	2	67	67	67	2	69	69	2
64	2	68	68	2	2	69	69	69	2	65	65	2
67	2	71	71	2	2	73	73	73	2	75	75	2
62	2	68	68	2	2	72	72	72	2	70	70	2
69	2	61	61	2	2	69	69	69	2	67	67	2
81	3	77	77	2	2	72	72	72	2	79	79	2
72	2	73	73	2	2	69	69	69	2	67	67	2
68	2	65	65	2	2	66	66	66	2	72	72	2
71	2	78	78	2	2	74	74	74	2	69	69	2
73	2	67	67	2	2	72	72	72	2	77	77	2
63	2	57	57	1	1	68	68	68	2	73	73	2
68	2	63	63	2	2	59	59	59	1	57	57	1
71	2	58	58	1	1	61	61	61	2	70	70	2

CO-PO/PSO Mapping (Direct Method) M.A. Hindi 2020-21

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	2	3	3	2	3	2	2	2	1	3	3	3
Co2	3	3	2	3	3	2	3	2	2	3	3	3	2	3	2
Co3	3	2	3	2	3	3	2	3	2	3	2	2	3	1	2
Co4	3	2	3	2	2	3	1	3	2	3	3	2	2	3	3
Co5	3	2	3	2	3	1	2	2	2	3	2	3	2	2	3
Co6	3	3	2	2	3	2	2	1	2	3	2	2	2	3	2
Co7	3	2	3	3	3	2	3	2	2	3	3	3	3	2	3
Co8	3	1	3	2	3	3	2	2	3	3	2	3	2	3	2
Total	24	17	22	18	24	19	17	16	17	23	19	18	19	20	20
PO/PSO Atainment	3.0	2.12	2.75	2.25	3.0	2.37	2.12	2.0	2.12	2.87	2.27	2.25	2.37	2.5	2.5
Total PO	24.6	Total PSO										11.89			
Ave. PO	2.46	Average PSO =										2.37			

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po

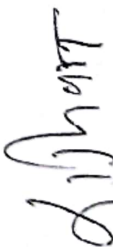
Signature
 Dr. P. K. Singh
 Head, Department of Hindi
 M.A. Hindi
 2020-21

Attainment Level of PO-PSO-CO (A.Y.2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method		Attainment of CO	Average Attainment of PO	Average Attainment of PSO
					II				
1	Hindi	2.14	2.0	1.71		0.4	I+II 2.11	2.59	2.2

• **Attainment level for PO's / PSO's**

PO/ PSO Level	Target Attainment	Target Achievement
Level - 4	2.0 - 2.5	Significantly achieved PO/ PSO


डॉ. एस.एन. पवार
 हिंदी विभाग प्रमुख
 कला विज्ञान आणि वाणिज्य महाविद्यालय
 इंदापूर, जिल्हा 413106


PRINCIPAL
 ARTS, SCIENCE AND
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 INDAPUR-413106 DIST-PUNE

DEPARTMENT OF ECONOMICS (A.Y. 2020-21)

Course Attainment (Direct Method) (M.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
III	32301	Macro Economics-I	(CO1)	1.3
	32302	Growth and Development-I	(CO2)	2
	32303	Research Methodology	(CO3)	2.1
	32305	Demography	(CO4)	1.6
IV	42301	Macro Economics-II	(CO5)	1.2
	42302	Growth and Development-II	(CO6)	1.6
	42303	Research Project	(CO7)	1.8
	42306	Economics of Environment	(CO8)	1.6
			Total	13.2
			Average	1.65

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HOD

Department of Economics
A.S.C.College,Indapur,
Dist.Pune,413106

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Attainment of CO- (Indirect Method)

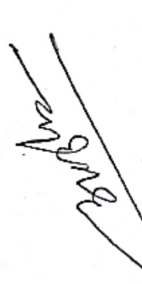
Sr. No.	Name of the student	Degree/ JOB	Institute
1.	Kakade Ganesh Ankush	Bank	BOM
2.	Phule Reshma Nivruti	B.Ed	VP
3.	Bhosale Nisha Ashok	Private job	Company

Placement & Progression = $\frac{3}{8} \times 100$

= 37.5 %

Level = 2 (Moderate)


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Head
 Department of Economics
 A.S.C.College, Indapur,
 Dist.Pune.413106

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3		1	3	3	2	0	2	2	2	3	0	2	2	1
Co2	0		2	3	2	0	3	2	2	3	0	2	3	0	1
Co3	1		2	3	2	2	0	1	1	2	0	0	3	1	1
Co4	3		2	3	2	0	0	2	2	1	3	2	1	0	3
Co5	3		3	2	0	2	0	3	1	1	1	0	1	3	2
Co6	1		3	3	0	1	2	2	0	3	0	2	2	0	1
Co7	0		1	3	2	0	3	0	0	2	0	0	3	1	2
Co8	3		2	3	2	3	1	2	3	2	3	2	3	2	2
Total	14		16	23	13	10	9	14	11	16	10	11	16	9	13
PO/PSO Attainment	20.8		26.1	38.4	22.1	15.6	16.2	21.9	17.9	27.2	1.25	1.375	2	1.125	1.625
Total Po	16.40765316										Total Pos	8.00918512			
Average	1.640765316										Average	1.601837024			

PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$

Head
Department of Economics

PRINCIPAL
RTS. SCIENCE AND
COMMERCE COLLEGE
INDRAPUR-413106 DIST-PUNE

Attainment Level of CO-PO-PSO (A.Y. 2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.64	2	1.31	0.40	2.04	1.64	1.60	Level 3


 Head
 Department of Economics
 A.S.C. College, Indapur,
 Dist. Pune. 413106


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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1																									
2																									
3																									
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Arts, Science and Commerce College, Indapur

Department of History

Course Attainment by Direct Method MA_History (20-21)

Student	CO1			CO2			CO3			CO4			CO5			CO6			CO7			CO8		
	Mar ks	%	Att.	Mar ks	%	Att.	Mar ks	%	Att.	Mar ks	%	Att.	Mar ks	%	Att.	Mar ks	%	Att.	Mar ks	%	Att.	Mar ks	%	Att.
Bagade Jyoti	64	64	2	64	64	2	84	84	3	74	74	2	75	75	2	73	73	2	80	80	2	79	79	2
Bodre Deepak	61	61	2	63	63	2	71	71	2	83	83	3	77	77	2	63	63	2	66	66	2	87	87	3
Deokar Prasaad Rajendra	55	55	1	45	45	1	65	65	2	75	75	2	69	69	2	56	56	1	56	56	1	57	57	1
Dombale Rahul Rajendra	48	48	1	45	45	1	75	75	2	78	78	2	48	48	1	49	49	1	58	58	1	65	65	2
Gaikwad Swapnil	27	27	1	38	38	1	66	66	2	68	68	2	45	45	1	63	63	2	67	67	2	73	73	2
Harishchandra Jagtap Amita	52	52	1	60	60	1	75	75	2	75	75	2	65	65	2	66	66	2	71	71	2	82	82	3
Satish Kale	53	53	1	70	70	2	85	85	3	35	35	1	30	30	1	68	68	2	77	77	2	80	80	2
Ramechandra Harishchandra	57	57	1	65	65	2	76	76	3	79	79	2	53	53	1	58	58	1	76	76	2	83	83	3
Kamble Prafulla Pradip	55	55	1	62	62	2	74	74	3	68	68	2	67	67	2	69	69	2	72	72	2	76	76	2
Walekar Mahesh Subhash	11	11	1	14	14	1	22	22	2	18	18	2	14	14	1	15	15	1	14	14	1	19	19	2
Total	1.2	1.2	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Attainment																								

कुल अंक 100 में से 100 प्राप्त
कुल अंक 100 में से 100 प्राप्त
कुल अंक 100 में से 100 प्राप्त

Arts, Science and Commerce College, Indapur			
DEPARTMENT OF HISTORY (MA) (A.Y. 2020-21)			
Attainment of CO- (Indirect Method) 2020-21			
Sr. No.	Name of the student	Degree	Institute
1	Gaikwad Swapnil Harishandra	Assistant Teacher	Junior College, Gotondi, Tal- Indapur
Placement & Progression =		1 / 9 X 100	11.11
	Level		1 (low)

Kinn

इतिहास विभाग प्रमुख
मा विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, जि. पुणे

[Signature]

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ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

Arts, Science and Commerce College, Indapur						
DEPARTMENT OF HISTORY (MA) (A.Y. 2020-21)						
Course Attainment (Direct Method)						
Semester	Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
Sem III	32201	Cultural History of Maharashtra	(CO1)	1.22	Partially achieved PO/ PSO	Need Extra Lectures
	32202	Intellectual History of Modern World	(CO2)	1.55	Satisfactory achieved PO/ PSO	Satisfactory achieved
	32203	Economic History of Modern India	(CO3)	2.44	Significantly achieved PO/ PSO	Satisfactory achieved
	32205	East Asia – Japan (1853 – 2000)	(CO4)	2	Significantly achieved PO/ PSO	Satisfactory achieved
SEM IV	42201	Modern Maharashtra History of Ideas	(CO5)	1.55	Satisfactory achieved PO/ PSO	Satisfactory achieved
	42202	Debates in India	(CO6)	1.66	Satisfactory achieved PO/ PSO	Satisfactory achieved
	42203	World After World War II (1945-2000)	(CO7)	1.55	Satisfactory achieved PO/ PSO	Satisfactory achieved
	42206	Modern India	(CO8)	2.11	Significantly achieved PO/ PSO	Satisfactory achieved
		Average		1.76	Satisfactory achieved PO/ PSO	Satisfactory achieved
		Total		14.1		

इतिहास विभाग प्रमुख
कला विभाग, यमिनी कॉलेज, इंदरपुर, जि. पुणे

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INDAPUR-413106 DIST-PUNE

Arts, Science and Commerce College, Indapur

DEPARTMENT OF HISTORY (MA) (A.Y. 2020-21)

CO/PO/PSO Mapping (Direct Method)

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	1	3	1	2	2	2	3	1	2	2	1
Co2	1	2	1	1	2	0	3	2	3	3	2	2	3	3	2
Co3	2	2	3	3	3	2	2	1	1	2	0	0	3	1	1
Co4	3	2	2	1	2	1	1	2	2	1	3	2	1	2	3
Co5	2	3	2	2	1	2	0	3	1	1	1	3	1	1	2
Co6	1	3	3	3	0	1	2	2	1	3	0	2	2	0	1
Total	12	13	14	13	9	9	9	12	10	12	9	10	12	9	10
PO/PSO attainment	1.98	2.06	2.17	2.18	2.03	2.06	2.11	1.90	1.84	2.08	1.68	1.82	2.08	1.73	1.88
TOTAL PO	20.40	23.13									TOTAL PSO	9.19			
Average	2.04										Average	1.84			
PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$															

(Signature)
प्रमुख विभाग
 कला विभाग, इंदरपुर, जि. पुणे

(Signature)
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 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106 DIST-PUNE

Department of Zoology (2020-21) Course attainment by Direct method M.Sc. Zoology			
Course Code	Course Name	Course No.	Course Attainment
50331A	ZOUT231: Animal physiology	CO1	2.06
50332	ZOUT232: FOS and EC	CO2	2.25
50333	ZOUT233: Res. Meth. And IP	CO3	1.81
50334B	ZOUT234: Gene. Toxicology	CO4	1.05
50335	ZOUP234: Zoo. Practical III	CO5	2.21
50336	ZOUP235: Special Lab I	CO6	2.00
50431A	ZOUT241: Animal physiology	CO7	1.75
50432	ZOUT242: MRP and Aqua.	CO8	1.63
50433B	ZOUT243: Pest control	CO9	1.81
50434	ZOUP243: Zoo. Practical IV	CO10	2.06
50435B	ZOUT244: Apiculture	CO11	1.05
50436	ZOUP244: Zoo. Practical V	CO12	2.13
50437	ZOUP245: Project	CO13	2.05
Total			23.86
avareage			1.84

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 INDAPUR-413106 DIST-PUNE

[Signature]
Dr. J. A. Sarwade
 M.Sc., Ph.D., FZSI
 Head
 Department of Zoology,
 Ar's, Science & Commerce College,
 Indapur, Dist. Pune - 413106

Attainment of CO (Indirect Method)				
Sr. No.	Name of the student	Job	Degree/profession	Institute
1	Vagare M S	Job		Sameer Gandhi College Malshiras
2	Bankar V T	Job		Marketing
3	Ghadage R S	Job		Kadam Jr. College, Indapur
4	Maske S B	Job		Medical
	Placement and Progression=			
	Level =		25	
			2	

[Signature]

Dr. J. P. Sarwade
M.Sc., Ph.D., FZSI

Head
Department of Zoology,
Arts, Science & Commerce College,
Indapur, Dist. Pune - 413106

[Signature]

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COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

CO-PO/PSO Mapping (Direct Method) 2020-21

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	0	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	3	3	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
CO7	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2
CO8	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
attainment	1.760526	1.800909	1.8048	1.795455	1.792632	1.8048	1.8048	1.8048	1.8048	1.8048	1.752727	1.8048	1.8048	1.8048	1.8048
Total	17.97832										8.971927				
Average	1.797832										1.794385				


Dr. J. P. Sarwade
 M.Sc., Ph.D., FZSI
 Head
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 Arts, Science & Commerce College,
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Attainment Level of PO-PSO-CO (2020-21) MSc Zoology									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment
1	Zoology	1.84	2	1.47	0.4	I+II	1.87	1.79	level 3

Principal

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[Signature]

Dr. J. P. Sarwade
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ITSPM'S**Art's Science and Commerce College, Indapur****DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)****COURSE ATTAINMENT (Direct Method)**

		M.Sc II - Analytical chemistry 2020-21		
Semester	Course Code	Course Name	Course Number	Course Attainment
Sem V	CHA-390	Electrochemical and Thermogravimetric Methods of chemical analysis	CO1	1.00
	CHA-391	Analytical Method Development and Extraction Techniques	CO2	1.43
	CHA-392	Advanced Chromatographic Methods of Chemical Analysis	CO3	1.43
	CHA-393	Bioanalytical Chemistry / Analysis of Food and Controlled Substances	CO4	1.61
	CHA-394	Practical I: Basics of Instrumental Methods of Chemical Analysis	CO5	2.57
Sem VI	CHA-490	Advanced Analytical Spectroscopic Techniques	CO6	1.13
	CHA-491	Chemical Methods of Pharmaceuticals Analysis	CO7	1.91
	CHA-492	Laboratory Automation and Environmental Analytical Chemistry / Analytical Chemistry of agriculture, polymer and Detergents	CO8	1.65
	CHA-493	Practical III: A) Optional Analytical Chemistry Practical / B) Project	CO9	2.09
	CHA-494	Practical II: Applied Analytical Chemistry Practical	CO10	2.30
Total				17.12
Average				1.71

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DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
COURSE ATTAINMENT (Indirect Method)

SR NO.	Students	Degree/ Profession	Institute
1	KECHE YOGESH GOVARDHAN	Job	Pharma Company Pune
2	PATIL RUSHIKESH PANDIT	Job	Vitthal Ganga Farmers Company Nimgaon-Tembhurni
3	KATE SOMNATH SUNIL	Job	Pharma Company Bhoisar
4	PANDHARE MAHESH PUNDLIK	Job	Sugar Factory, Malinagar
5	SAWANT HANUMANT VASANT	Job	Pharma Company Mumbai
6	WAGHMARE VIJAY RAJARAM	Job	ICICI Bank Akhuj
7	MISAL SWAPNIL DATTATRAY	Job	Pharma Company Hyderabad
8	NALAWADE PRAJAKTA TANAJI	Job	Sonai Dairy Sonai Near Indapur
9	KALBHOR JAYDEEP DATTATRAY	Job	Nature Dairy Kalas
10	NIMBALKAR RUSHIKESH UTTAM	Job	IDFC Bank Baramati

Placement & Progression = 43.47%

Level = 3



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ISPM'S
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CALCULATIONS FOR CO ATTAINMENT

M.Sc II - Analytical chemistry 2020-21

Sr.No.	Students	CO1			CO2			CO3			CO4			CO5			CO6			CO7			CO8			CO9			CO10		
		Marks	%	CO1 Attainment	Marks	%	CO2 Attainment	Marks	%	CO3 Attainment	Marks	%	CO4 Attainment	Marks	%	CO5 Attainment	Marks	%	CO6 Attainment	Marks	%	CO7 Attainment	Marks	%	CO8 Attainment	Marks	%	CO9 Attainment	Marks	%	CO10 Attainment
1	JADHAV ASHWINI MACHINDRA	56	56	1	65	65	2	65	65	2	60	60	1	89	89	3	58	58	1	65	65	2	64	64	2	82	82	3	91	91	3
2	TAVASE TRUPTI ASHOK	55	55	1	58	58	1	53	53	1	63	63	2	79	79	2	54	54	1	59	59	1	53	53	1	74	74	2	81	81	2
3	KECHE YOGESH GOVARDHAN	48	48	1	57	57	1	50	50	1	64	64	2	84	84	3	49	49	1	66	66	2	64	64	2	74	74	2	79	79	2
4	SALUNKHE MANISHA SUNIL	48	48	1	57	57	1	55	55	1	68	68	2	78	78	2	52	52	1	68	68	2	57	57	1	75	75	2	75	75	2
5	PATIL RUSHIKESH PANDIT	60	60	1	71	71	2	62	62	2	64	64	2	90	90	3	61	61	2	76	76	2	75	75	2	75	75	2	90	90	3
6	SHIRSAT POOJA JAYKUMAR	51	51	1	63	63	2	50	50	1	55	55	1	81	81	3	50	50	1	68	68	2	62	62	2	76	76	2	79	79	2
7	KHADE SWATI BALU	51	51	1	48	48	1	54	54	1	66	66	2	81	81	3	54	54	1	65	65	2	56	56	1	76	76	2	78	78	2
8	GAVHANE RAHUL SHIVRAM	48	48	1	60	60	1	57	57	1	66	66	2	78	78	2	57	57	1	66	66	2	55	55	1	72	72	2	80	80	2
9	WAGHMARE VIJAY RAJARAM	50	50	1	46	46	1	45	45	1	57	57	1	61	61	2	44	44	1	61	61	2	55	55	1	76	76	2	62	62	2
10	MISAL SWAPNIL DATTATRAY	54	54	1	57	57	1	69	69	2	63	63	2	79	79	2	49	49	1	73	73	2	67	67	2	73	73	2	75	75	2
11	NALAWADE PRAJAKTA TANAJI	56	56	1	54	54	1	54	54	1	57	57	1	78	78	2	56	56	1	66	66	2	71	71	2	75	75	2	83	83	3
12	KATE SOMNATH SUNIL	54	54	1	71	71	2	67	67	2	66	66	2	86	86	3	62	62	2	68	68	2	67	67	2	78	78	2	85	85	3
13	KOKANE SONALI VIJAY	54	54	1	62	62	2	62	62	2	61	61	2	83	83	3	49	49	1	69	69	2	60	60	1	74	74	2	77	77	2
14	PAWAR SURAJ TUKARAM	46	46	1	63	63	2	63	63	2	56	56	1	80	80	2	53	53	1	62	62	2	68	68	2	75	75	2	76	76	2
15	PANDHARE MAHESH PUNDLIK	56	56	1	61	61	2	57	57	1	67	67	2	84	84	3	51	51	1	64	64	2	70	70	2	73	73	2	81	81	3
16	PAWAR SONALI HARIDAS	53	53	1	58	58	1	66	66	2	59	59	1	87	87	3	51	51	1	50	50	1	71	71	2	72	72	2	85	85	3
17	DESHMUKH SONALI DATTATRAY	47	47	1	51	51	1	58	58	1	65	65	2	80	80	2	54	54	1	52	52	1	52	52	1	75	75	2	82	82	3
18	NIMBALKAR RUSHIKESH UTTAM	44	44	1	61	61	2	44	44	1	46	46	1	60	60	1	43	43	1	66	66	2	44	44	1	76	76	2	60	60	1
19	SAWANT HANUMANT VASANT	51	51	1	61	61	2	64	64	2	60	60	1	83	83	3	64	64	2	62	62	2	62	62	2	76	76	2	78	78	2
20	KALBHOR JAYDEEP DATTATRAY	57	57	1	54	54	1	74	74	2	67	67	2	88	88	3	53	53	1	81	81	3	74	74	2	83	83	3	87	87	3
21	NIMBALKAR SHAMBHURAJE NANKUMAR	59	59	1	63	63	2	66	66	2	71	71	2	84	84	3	54	54	1	62	62	2	66	66	2	75	75	2	76	76	2
22	MASAL PRASAD SHIVAJI	50	50	1	59	59	1	60	60	1	71	71	2	82	82	3	56	56	1	71	71	2	61	61	2	74	74	2	78	78	2
23	SAWANT KAJAL MAHADEO	48	48	1	58	58	1	53	53	1	58	58	1	81	81	3	56	56	1	72	72	2	79	79	2	76	76	2	79	79	2
	AVERAGE			1.00			1.43			1.43			###			2.57			1.13			1.91			1.65			2.09			2.30

Head
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ITSPM'S
Art's Science and Commerce College, Indapur
DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
CO-PO/PSO Attainment (M.Sc. ANALYTICAL Chemistry) 2020-21

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	1	3	3	3	2	2	2	2	2	3	2	2	2	2
Co2	3	2	3	3	2	2	3	2	2	3	2	2	3	2	2
Co3	3	2	3	3	2	2	2	2	1	2	2	2	3	3	2
Co4	3	2	3	3	2	1	2	2	2	2	3	2	2	2	3
Co5	3	3	2	2	2	2	2	2	1	2	2	3	3	3	2
Co6	3	3	3	3	2	1	2	2	2	3	2	2	2	2	2
Co7	1	1	3	3	3	2	2	2	2	2	3	2	2	2	2
Co8	3	2	3	3	2	2	3	2	2	3	2	3	3	2	2
Co9	3	2	3	3	2	1	2	2	1	2	3	2	2	2	3
Co10	3	3	3	2	2	1	1	2	3	3	2	1	2	3	3
PO/PSO Attainment	1.72	1.78	1.68	1.66	1.69	1.69	1.84	1.71	1.27	1.7	1.57	1.57	1.59	1.5	1.39
Total PO	16.75										Total PSO	7.62			
Average PO	1.67										Average PSO	1.52			


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DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
CO-PO/PSO Mapping Attainment (M.Sc. ANALYTICAL Chemistry) 2020-21

CO-PO Matrix	CO Attn.	PO1	CO* PO1	PO2	CO* PO2	PO3	CO* PO3	PO4	CO* PO4	PO5	CO* PO5	PO6	CO* PO6	PO7	CO* PO7	PO8	CO* PO8	PO9	CO* PO9	PO10	CO* PO10	PSO1	CO* PSO1	PSO2	CO* PSO2	PSO3	CO* PSO3	PSO4	CO* PSO4	PSO5	CO* PSO5
Co1	1	2	2	1	1	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2
Co2	1.43	3	4.29	2	2.86	3	4.29	3	4.29	2	2.86	2	2.86	3	4.29	2	2.86	2	2.86	3	4.29	2	2.86	2	2.86	3	4.29	2	2.86	2	2.86
Co3	1.43	3	4.29	2	2.86	3	4.29	3	4.29	2	2.86	2	2.86	2	2.86	2	2.86	1	1.43	2	2.86	2	2.86	2	2.86	3	4.29	3	4.29	2	2.86
Co4	1.61	3	4.83	2	3.22	3	4.83	3	4.83	2	3.22	1	1.61	2	3.22	2	3.22	2	3.22	2	3.22	3	4.83	2	3.22	2	3.22	2	3.22	1	4.83
Co5	2.57	3	7.71	3	7.71	2	5.14	2	5.14	2	5.14	2	5.14	2	5.14	2	5.14	1	2.57	2	5.14	2	5.14	3	7.71	3	7.71	3	7.71	2	5.14
Co6	1.13	3	3.39	3	3.39	3	3.39	3	3.39	2	2.26	1	1.13	2	2.26	2	2.26	2	2.26	3	3.39	2	2.26	2	2.26	2	2.26	2	2.26	2	2.26
Co7	1.91	1	1.91	1	1.91	3	5.73	3	5.73	3	5.73	2	3.82	2	3.82	2	3.82	2	3.82	3	5.73	2	3.82	2	3.82	2	3.82	2	3.82	2	3.82
Co8	1.65	3	4.95	2	3.3	3	4.95	3	4.95	2	3.3	2	3.3	3	4.95	2	3.3	2	3.3	3	4.95	2	3.3	3	4.95	3	4.95	2	3.3	2	3.3
Co9	2.09	3	6.27	2	4.18	3	6.27	3	6.27	2	4.18	1	2.09	2	4.18	2	4.18	1	2.09	2	4.18	3	6.27	2	4.18	2	4.18	2	4.18	3	6.27
Co10	2.3	3	6.9	3	6.9	3	6.9	2	4.6	2	4.6	1	2.3	1	2.3	2	4.6	3	6.9	3	6.9	2	4.6	1	2.3	2	4.6	3	6.9	3	6.9
Total	17.12	27	46.5	21	37.3	29	48.8	28	46.5	22	37.2	16	27.1	19	35	20	34.2	24	30.5	24	40.8	26	40.9	23	36.2	26	41.3	27	40.5	29	40.2
Average																															
PO/PSO Attainment			1.72		1.78		1.88		1.66		1.69		1.69		1.81		1.71		1.37		1.70		1.57		1.57		1.59		1.80		1.39
Total PO	16.75																				Total PSO	7.62									
Average PO	1.67																				Average PSO =	1.52									

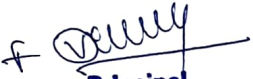

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ITSPM'S
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DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
ATTAINMENT LEVEL OF CO/PO/PSO

Sr. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level of PO/PSO
1	Chemistry	1.67	3	1.34	0.6	1.94	1.57	1.52	Level 3


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DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)

COURSE ATTAINMENT (Direct Method)

Semester	Course Code	Course Name	Course Number	Course Attainment
M.Sc II - organic chemistry 2020-21				
Sem V	CHO-350	Organic Reaction Mechanism and Biogenesis	CO1	1.62
	CHO-351	Structure Determination of Organic Compounds by Spectroscopic Methods	CO2	1.33
	CHO-352	Stereochemistry and Asymmetric Synthesis of Organic Compounds.	CO3	1.10
	CHO-353	Protection - De-protection, Chiron approach and Carbohydrate Chemistry	CO4	1.14
	CHO-354	Practical I: Solvent Free Organic Synthesis	CO5	2.10
Sem VI	CHO-450	Chemistry of Natural Products	CO6	1.52
	CHO-451	Organometallic Reagents in Organic Synthesis	CO7	1.67
	CHO-452	Medicinal Chemistry and Applied Organic Chemistry	CO8	2.14
	CHO-453	Practical III - Ternary Mixture Separation/ Carbohydrates Synthesis and Isolation of Natural Products / Project / Industrial Training/ Internships/ Summer Project	CO9	2.48
	CHO-454	Practical II: Convergent and Divergent Organic Syntheses.	CO10	2.10
Total				17.20
Average				1.72

BBh

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ITSPM'S
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DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
COURSE ATTAINMENT (Indirect Method)

SR NO.	Students	Degree/ Profession	Institute
1	MANE RUTURAJ DILIP	Job	Teacher in Nimsakhar Highschool Nimsakhar
2	RANSING HRISHIKESH JAYSING	Job	Dudh-ganga Dairy Indapur
3	JARAK DHANAJI SHANKAR	Job	Pharma Company Pune
4	SARATAPE MONIKA BABURAO	Job	Sugar Factory, Malinagar
5	SAWANT ROHINI ANKUSH	Job	Teacher at Bawda College
6	CHORAMALE SARIKA LAXMAN	Job	Teacher in Jijau Institute Kalthan
7	SUTAR TEJASHREE HARISHCHANDRA	Job	Teacher at Twinkal star English medium School temburni
8	BONGANE PUNAM DNYANESHWAR	Job	Teacher at Shankarrao Mohite College Malevadi
9	NAGARE SUPRIYA TANAJI	Job	Food & Health Hygiene Lab. Hadapsar
10	NALAWADE NIVEDITA SANJAY	Job	Teacher at Sarati College
11	SARTAPE SAURABHI DATTATRAY	Job	Lab Technician College of Pharmacy Paniv
12	JADHAV AKASH BALU	Job	Pharma Company Hyderabad

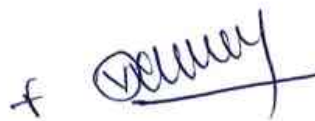
Placement & Progression = 57.14%

Level = 3



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ITSPM'S
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DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
CALCULATIONS FOR CO ATTAINMENT

M.Sc II - organic chemistry 2020-21

SR NO	Students	CO1			CO2			CO3			CO4			CO5			CO6			CO7			CO8			CO9			CO10		
		Mark	%	CO1 Attainment	Mark	%	CO2 Attainment	Mark	%	CO3 Attainment	Mark	%	CO4 Attainment	Mark	%	CO5 Attainment	Mark	%	CO6 Attainment	Mark	%	CO7 Attainment	Mark	%	CO8 Attainment	Mark	%	CO9 Attainment	Mark	%	CO10 Attainment
1	MANE RUTURAJ DILIP	65	65	2	65	65	2	62	62	2	59	59	1	78	78	2	53	53	1	55	55	1	74	74	2	87	87	3	77	77	2
2	RANSING HRISHIKESH JAYSING	80	80	2	80	80	2	59	59	1	60	60	1	80	80	2	57	57	1	67	67	2	81	81	3	92	92	3	80	80	2
3	JARAK DHANAJI SHANKAR	69	69	2	66	66	2	55	55	1	49	49	1	82	82	3	60	60	1	61	61	2	52	52	1	86	86	3	80	80	2
4	SARATAPE MONIKA BABURAO	67	67	2	49	49	1	53	53	1	60	60	1	73	73	2	74	74	2	68	68	2	83	83	3	72	72	2	79	79	2
5	SAWANT ROHINI ANKUSH	69	69	2	61	61	2	64	64	2	57	57	1	76	76	2	61	61	2	65	65	2	68	68	2	85	85	3	78	78	2
6	CHORAMALE SARIKA LAXMAN	68	68	2	53	53	1	52	52	1	57	57	1	79	79	2	68	68	2	68	68	2	58	58	1	73	73	2	81	81	3
7	SUTAR TEJASHREE	49	49	1	49	49	1	48	48	1	47	47	1	75	75	2	69	69	2	62	62	2	69	69	2	75	75	2	76	76	2
8	HARISHCHANDRA BONGANE BHAGYARATHI SAMBHAJI	52	52	1	51	51	1	50	50	1	52	52	1	76	76	2	65	65	2	61	61	2	80	80	2	73	73	2	78	78	2
9	KHATAKE SUPRIYA SANJAY	76	76	2	64	64	2	50	50	1	63	63	2	76	76	2	63	63	2	62	62	2	75	75	2	87	87	3	78	78	2
10	BONGANE PUNAM DNYANESHWAR	59	59	1	51	51	1	54	54	1	59	59	1	73	73	2	59	59	1	58	58	1	67	67	2	73	73	2	75	75	2
11	NAGARE SUPRIYA TANAJI	52	52	1	66	66	2	48	48	1	57	57	1	72	72	2	54	54	1	54	54	1	82	82	3	75	75	2	76	76	2
12	NALAWADE NIVEDITA SANJAY	78	78	2	59	59	1	60	60	1	57	57	1	81	81	3	64	64	2	72	72	2	91	91	3	91	91	3	83	83	3
13	SARATAPE SAURABHI DATTATRAY	67	67	2	49	49	1	53	53	1	60	60	1	73	73	2	74	74	2	66	66	2	83	83	3	72	72	2	79	79	2
14	RAKATE SANDHYA PANDHARINATH	61	61	2	57	57	1	48	48	1	52	52	1	70	70	2	51	51	1	63	63	2	78	78	2	73	73	2	73	73	2
15	RASAL JYOTI UMESH	52	52	1	53	53	1	48	48	1	47	47	1	70	70	2	51	51	1	50	50	1	62	62	2	72	72	2	72	72	2
16	VYAWAHARE NIKHIL PRAKASH	64	64	2	55	55	1	51	51	1	63	63	2	78	78	2	57	57	1	72	72	2	71	71	2	88	88	3	79	79	2
17	SHEHDE DIPALI ATMARAM	71	71	2	50	50	1	56	56	1	62	62	2	74	74	2	62	62	2	63	63	2	72	72	2	76	76	2	77	77	2
18	SHEDE MAYUR RAVINDRA	59	59	1	47	47	1	48	48	1	54	54	1	71	71	2	59	59	1	60	60	1	75	75	2	84	84	3	74	74	2
19	SAWASE ANIL SUGRIV	67	67	2	61	61	2	48	48	1	54	54	1	72	72	2	68	68	2	50	50	1	63	63	2	82	82	3	75	75	2
20	JADHAV AKASH BALU	50	50	1	59	59	1	54	54	1	55	55	1	77	77	2	69	69	2	77	77	2	75	75	2	88	88	3	79	79	2
21	KASHID PRAVIN	53	53	1	51	51	1	52	52	1	49	49	1	70	70	2	51	51	1	56	56	1	62	62	2	76	76	2	72	72	2
	AVERAGE			1.62			1.33			1.10			1.14			2.10			1.52			1.67			2.14			2.48			2.10

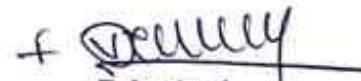
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DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
CO-PO/PSO Attainment (M.Sc ORGANIC Chemistry) 2020-21

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	3	2	2	2	2	2	3	2	2	2	2
Co2	3	2	3	3	2	2	3	2	2	3	1	2	3	2	2
Co 3	2	2	3	3	2	2	2	2	3	2	2	1	3	1	1
Co 4	2	2	2	2	2	3	2	2	2	1	3	2	1	1	3
Co 5	3	3	2	2	3	3	2	2	1	3	3	3	3	3	2
Co 6	3	3	3	3	2	1	3	2	2	3	2	2	2	2	1
Co 7	3	2	3	3	3	3	2	2	3	2	3	3	3	2	1
Co 8	3	2	3	3	2	2	3	3	2	3	3	3	3	3	1
Co 9	3	2	3	3	2	1	2	2	2	3	3	3	3	1	3
Co 10	3	3	3	2	2	1	1	2	3	1	2	1	1	3	3
PO/PSO Attainment	1.76	1.75	1.73	1.71	1.73	1.66	1.86	1.74	1.55	1.77	1.7	1.72	1.61	1.33	1.77
Total PO	17.27											Total PSO	8.14		
Average PO	1.73											Average PSO	1.63		


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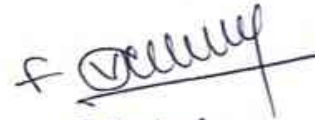
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CO-PO Matrix	CO-PO1	PO1	CO-PO1	PO2	CO-PO2	PO3	CO-PO3	PO4	CO-PO4	PO5	CO-PO5	PO6	CO-PO6	PO7	CO-PO7	PO8	CO-PO8	PO9	CO-PO9	PO10	CO-PO10	PO11	CO-PO11	PO12	CO-PO12	PO13	CO-PO13	PO14	CO-PO14	PO15	CO-PO15	PO16	CO-PO16	PO17	CO-PO17	PO18	CO-PO18	PO19	CO-PO19	PO20	CO-PO20	PO21	CO-PO21	PO22	CO-PO22	PO23	CO-PO23	PO24	CO-PO24	PO25	CO-PO25	PO26	CO-PO26	PO27	CO-PO27	PO28	CO-PO28	PO29	CO-PO29	PO30	CO-PO30	PO31	CO-PO31	PO32	CO-PO32	PO33	CO-PO33	PO34	CO-PO34	PO35	CO-PO35	PO36	CO-PO36	PO37	CO-PO37	PO38	CO-PO38	PO39	CO-PO39	PO40	CO-PO40	PO41	CO-PO41	PO42	CO-PO42	PO43	CO-PO43	PO44	CO-PO44	PO45	CO-PO45	PO46	CO-PO46	PO47	CO-PO47	PO48	CO-PO48	PO49	CO-PO49	PO50	CO-PO50	PO51	CO-PO51	PO52	CO-PO52	PO53	CO-PO53	PO54	CO-PO54	PO55	CO-PO55	PO56	CO-PO56	PO57	CO-PO57	PO58	CO-PO58	PO59	CO-PO59	PO60	CO-PO60	PO61	CO-PO61	PO62	CO-PO62	PO63	CO-PO63	PO64	CO-PO64	PO65	CO-PO65	PO66	CO-PO66	PO67	CO-PO67	PO68	CO-PO68	PO69	CO-PO69	PO70	CO-PO70	PO71	CO-PO71	PO72	CO-PO72	PO73	CO-PO73	PO74	CO-PO74	PO75	CO-PO75	PO76	CO-PO76	PO77	CO-PO77	PO78	CO-PO78	PO79	CO-PO79	PO80	CO-PO80	PO81	CO-PO81	PO82	CO-PO82	PO83	CO-PO83	PO84	CO-PO84	PO85	CO-PO85	PO86	CO-PO86	PO87	CO-PO87	PO88	CO-PO88	PO89	CO-PO89	PO90	CO-PO90	PO91	CO-PO91	PO92	CO-PO92	PO93	CO-PO93	PO94	CO-PO94	PO95	CO-PO95	PO96	CO-PO96	PO97	CO-PO97	PO98	CO-PO98	PO99	CO-PO99	PO100	CO-PO100	PO101	CO-PO101	PO102	CO-PO102	PO103	CO-PO103	PO104	CO-PO104	PO105	CO-PO105	PO106	CO-PO106	PO107	CO-PO107	PO108	CO-PO108	PO109	CO-PO109	PO110	CO-PO110	PO111	CO-PO111	PO112	CO-PO112	PO113	CO-PO113	PO114	CO-PO114	PO115	CO-PO115	PO116	CO-PO116	PO117	CO-PO117	PO118	CO-PO118	PO119	CO-PO119	PO120	CO-PO120	PO121	CO-PO121	PO122	CO-PO122	PO123	CO-PO123	PO124	CO-PO124	PO125	CO-PO125	PO126	CO-PO126	PO127	CO-PO127	PO128	CO-PO128	PO129	CO-PO129	PO130	CO-PO130	PO131	CO-PO131	PO132	CO-PO132	PO133	CO-PO133	PO134	CO-PO134	PO135	CO-PO135	PO136	CO-PO136	PO137	CO-PO137	PO138	CO-PO138	PO139	CO-PO139	PO140	CO-PO140	PO141	CO-PO141	PO142	CO-PO142	PO143	CO-PO143	PO144	CO-PO144	PO145	CO-PO145	PO146	CO-PO146	PO147	CO-PO147	PO148	CO-PO148	PO149	CO-PO149	PO150	CO-PO150	PO151	CO-PO151	PO152	CO-PO152	PO153	CO-PO153	PO154	CO-PO154	PO155	CO-PO155	PO156	CO-PO156	PO157	CO-PO157	PO158	CO-PO158	PO159	CO-PO159	PO160	CO-PO160	PO161	CO-PO161	PO162	CO-PO162	PO163	CO-PO163	PO164	CO-PO164	PO165	CO-PO165	PO166	CO-PO166	PO167	CO-PO167	PO168	CO-PO168	PO169	CO-PO169	PO170	CO-PO170	PO171	CO-PO171	PO172	CO-PO172	PO173	CO-PO173	PO174	CO-PO174	PO175	CO-PO175	PO176	CO-PO176	PO177	CO-PO177	PO178	CO-PO178	PO179	CO-PO179	PO180	CO-PO180	PO181	CO-PO181	PO182	CO-PO182	PO183	CO-PO183	PO184	CO-PO184	PO185	CO-PO185	PO186	CO-PO186	PO187	CO-PO187	PO188	CO-PO188	PO189	CO-PO189	PO190	CO-PO190	PO191	CO-PO191	PO192	CO-PO192	PO193	CO-PO193	PO194	CO-PO194	PO195	CO-PO195	PO196	CO-PO196	PO197	CO-PO197	PO198	CO-PO198	PO199	CO-PO199	PO200	CO-PO200	PO201	CO-PO201	PO202	CO-PO202	PO203	CO-PO203	PO204	CO-PO204	PO205	CO-PO205	PO206	CO-PO206	PO207	CO-PO207	PO208	CO-PO208	PO209	CO-PO209	PO210	CO-PO210	PO211	CO-PO211	PO212	CO-PO212	PO213	CO-PO213	PO214	CO-PO214	PO215	CO-PO215	PO216	CO-PO216	PO217	CO-PO217	PO218	CO-PO218	PO219	CO-PO219	PO220	CO-PO220	PO221	CO-PO221	PO222	CO-PO222	PO223	CO-PO223	PO224	CO-PO224	PO225	CO-PO225	PO226	CO-PO226	PO227	CO-PO227	PO228	CO-PO228	PO229	CO-PO229	PO230	CO-PO230	PO231	CO-PO231	PO232	CO-PO232	PO233	CO-PO233	PO234	CO-PO234	PO235	CO-PO235	PO236	CO-PO236	PO237	CO-PO237	PO238	CO-PO238	PO239	CO-PO239	PO240	CO-PO240	PO241	CO-PO241	PO242	CO-PO242	PO243	CO-PO243	PO244	CO-PO244	PO245	CO-PO245	PO246	CO-PO246	PO247	CO-PO247	PO248	CO-PO248	PO249	CO-PO249	PO250	CO-PO250	PO251	CO-PO251	PO252	CO-PO252	PO253	CO-PO253	PO254	CO-PO254	PO255	CO-PO255	PO256	CO-PO256	PO257	CO-PO257	PO258	CO-PO258	PO259	CO-PO259	PO260	CO-PO260	PO261	CO-PO261	PO262	CO-PO262	PO263	CO-PO263	PO264	CO-PO264	PO265	CO-PO265	PO266	CO-PO266	PO267	CO-PO267	PO268	CO-PO268	PO269	CO-PO269	PO270	CO-PO270	PO271	CO-PO271	PO272	CO-PO272	PO273	CO-PO273	PO274	CO-PO274	PO275	CO-PO275	PO276	CO-PO276	PO277	CO-PO277	PO278	CO-PO278	PO279	CO-PO279	PO280	CO-PO280	PO281	CO-PO281	PO282	CO-PO282	PO283	CO-PO283	PO284	CO-PO284	PO285	CO-PO285	PO286	CO-PO286	PO287	CO-PO287	PO288	CO-PO288	PO289	CO-PO289	PO290	CO-PO290	PO291	CO-PO291	PO292	CO-PO292	PO293	CO-PO293	PO294	CO-PO294	PO295	CO-PO295	PO296	CO-PO296	PO297	CO-PO297	PO298	CO-PO298	PO299	CO-PO299	PO300	CO-PO300	PO301	CO-PO301	PO302	CO-PO302	PO303	CO-PO303	PO304	CO-PO304	PO305	CO-PO305	PO306	CO-PO306	PO307	CO-PO307	PO308	CO-PO308	PO309	CO-PO309	PO310	CO-PO310	PO311	CO-PO311	PO312	CO-PO312	PO313	CO-PO313	PO314	CO-PO314	PO315	CO-PO315	PO316	CO-PO316	PO317	CO-PO317	PO318	CO-PO318	PO319	CO-PO319	PO320	CO-PO320	PO321	CO-PO321	PO322	CO-PO322	PO323	CO-PO323	PO324	CO-PO324	PO325	CO-PO325	PO326	CO-PO326	PO327	CO-PO327	PO328	CO-PO328	PO329	CO-PO329	PO330	CO-PO330	PO331	CO-PO331	PO332	CO-PO332	PO333	CO-PO333	PO334	CO-PO334	PO335	CO-PO335	PO336	CO-PO336	PO337	CO-PO337	PO338	CO-PO338	PO339	CO-PO339	PO340	CO-PO340	PO341	CO-PO341	PO342	CO-PO342	PO343	CO-PO343	PO344	CO-PO344	PO345	CO-PO345	PO346	CO-PO346	PO347	CO-PO347	PO348	CO-PO348	PO349	CO-PO349	PO350	CO-PO350	PO351	CO-PO351	PO352	CO-PO352	PO353	CO-PO353	PO354	CO-PO354	PO355	CO-PO355	PO356	CO-PO356	PO357	CO-PO357	PO358	CO-PO358	PO359	CO-PO359	PO360	CO-PO360	PO361	CO-PO361	PO362	CO-PO362	PO363	CO-PO363	PO364	CO-PO364	PO365	CO-PO365	PO366	CO-PO366	PO367	CO-PO367	PO368	CO-PO368	PO369	CO-PO369	PO370	CO-PO370	PO371	CO-PO371	PO372	CO-PO372	PO373	CO-PO373	PO374	CO-PO374	PO375	CO-PO375	PO376	CO-PO376	PO377	CO-PO377	PO378	CO-PO378	PO379	CO-PO379	PO380	CO-PO380	PO381	CO-PO381	PO382	CO-PO382	PO383	CO-PO383	PO384	CO-PO384	PO385	CO-PO385	PO386	CO-PO386	PO387	CO-PO387	PO388	CO-PO388	PO389	CO-PO389	PO390	CO-PO390	PO391	CO-PO391	PO392	CO-PO392	PO393	CO-PO393	PO394	CO-PO394	PO395	CO-PO395	PO396	CO-PO396	PO397	CO-PO397	PO398	CO-PO398	PO399	CO-PO399	PO400	CO-PO400	PO401	CO-PO401	PO402	CO-PO402	PO403	CO-PO403	PO404	CO-PO404	PO405	CO-PO405	PO406	CO-PO406	PO407	CO-PO407	PO408	CO-PO408	PO409	CO-PO409	PO410	CO-PO410	PO411	CO-PO411	PO412	CO-PO412	PO413	CO-PO413	PO414	CO-PO414	PO415	CO-PO415	PO416	CO-PO416	PO417	CO-PO417	PO418	CO-PO418	PO419	CO-PO419	PO420	CO-PO420	PO421	CO-PO421	PO422	CO-PO422	PO423	CO-PO423	PO424	CO-PO424	PO425	CO-PO425	PO426	CO-PO426	PO427	CO-PO427	PO428	CO-PO428	PO429	CO-PO429	PO430	CO-PO430	PO431	CO-PO431	PO432	CO-PO432	PO433	CO-PO433	PO434	CO-PO434	PO435	CO-PO435	PO436	CO-PO436	PO437	CO-PO437	PO438	CO-PO438	PO439	CO-PO439	PO440	CO-PO440	PO441	CO-PO441	PO442	CO-PO442	PO443	CO-PO443	PO444	CO-PO444	PO445	CO-PO445	PO446	CO-PO446	PO447	CO-PO447	PO448	CO-PO448	PO449	CO-PO449	PO450	CO-PO450	PO451	CO-PO451	PO452	CO-PO452	PO453	CO-PO453	PO454	CO-PO454	PO455	CO-PO455	PO456	CO-PO456	PO457	CO-PO457	PO458	CO-PO458	PO459	CO-PO459	PO460	CO-PO460	PO461	CO-PO461	PO462	CO-PO462	PO463	CO-PO463	PO464	CO-PO464	PO465	CO-PO465	PO466	CO-PO466	PO467	CO-PO467	PO468	CO-PO468	PO469	CO-PO469	PO470	CO-PO470	PO471	CO-PO471	PO472	CO-PO472	PO473	CO-PO473	PO474	CO-PO474	PO475	CO-PO475	PO476	CO-PO476	PO477	CO-PO477	PO478	CO-PO478	PO479	CO-PO479	PO480	CO-PO480	PO481	CO-PO481	PO482	CO-PO482	PO483	CO-PO483	PO484	CO-PO484	PO485	CO-PO485	PO486	CO-PO486	PO487	CO-PO487	PO488	CO-PO488	PO489	CO-PO489	PO490	CO-PO490	PO491	CO-PO491	PO492	CO-PO492	PO493	CO-PO493	PO494	CO-PO494	PO495	CO-PO495	PO496	CO-PO496	PO497	CO-PO497	PO498	CO-PO498	PO499	CO-PO499	PO500	CO-PO500	PO501	CO-PO501	PO502	CO-PO502	PO503	CO-PO503	PO504	CO-PO504	PO505	CO-PO505	PO506	CO-PO506	PO507	CO-PO507	PO508	CO-PO508	PO509	CO-PO509	PO510	CO-PO510	PO511	CO-PO511	PO512	CO-PO512	PO513	CO-PO513	PO514	CO-PO514	PO515	CO-PO515	PO516	CO-PO516	PO517	CO-PO517	PO518	CO-PO518	PO519	CO-PO519	PO520	CO-PO520	PO521	CO-PO521	PO522	CO-PO522	PO523	CO-PO523	PO524	CO-PO524	PO525	CO-PO525	PO526	CO-PO526	PO527	CO-PO527	PO528	CO-PO528	PO529	CO-PO529	PO530	CO-PO530	PO531	CO-PO531	PO532	CO-PO532	PO533	CO-PO533	PO534	CO-PO534	PO535	CO-PO535	PO536	CO-PO536	PO537	CO-PO537	PO538	CO-PO538	PO539	CO-PO539	PO540	CO-PO540	PO541	CO-PO541	PO542	CO-PO542	PO543	CO-PO543	PO544	CO-PO544	PO545	CO-PO545	PO546	CO-PO546	PO547	CO-PO547	PO548	CO-PO548	PO549	CO-PO549	PO550	CO-PO550	PO551	CO-PO551	PO552	CO-PO552	PO553	CO-PO553	PO554	CO-PO554	PO555	CO-PO555	PO556	CO-PO556	PO557	CO-PO557	PO558	CO-PO558	PO559	CO-PO559	PO560	CO-PO560	PO561	CO-PO561	PO562	CO-PO562	PO563	CO-PO563	PO564	CO-PO564	PO565	CO-PO565	PO566	CO-PO566	PO567	CO-PO567	PO568	CO-PO568	PO569	CO-PO569	PO570	CO-PO570	PO571	CO-PO571	PO572	CO-PO572	PO573	CO-PO573	PO574	CO-PO574	PO575	CO-PO575	PO576	CO-PO576	PO577	CO-PO577	PO578	CO-PO578	PO579	CO-PO579	PO580	CO-PO580	PO581	CO-PO581	PO582	CO-PO582	PO583	CO-PO583	PO584	CO-PO584	PO585	CO-PO585	PO586	CO-PO586	PO587	CO-PO587	PO588	CO-PO588	PO589	CO-PO589	PO590	CO-PO590	PO591	CO-PO591	PO592	CO-PO592	PO593	CO-PO593	PO594	CO-PO594	PO595	CO-PO595	PO596	CO-PO596	PO597	CO-PO597	PO598	CO-PO598	PO599	CO-PO599	PO600	CO-PO600	PO601	CO-PO601	PO602	CO-PO602	PO603	CO-PO603	PO604	CO-PO604	PO605	CO-PO605	PO606	CO-PO606	PO607	CO-PO607	PO608	CO-PO608	PO609	CO-PO609	PO610	CO-PO610	PO611	CO-PO611	PO612	CO-PO612	PO613	CO-PO613	PO614	CO-PO614	PO615	CO-PO615	PO616	CO-PO616	PO617	CO-PO617	PO618	CO-PO618	PO619	CO-PO619	PO620	CO-PO620	PO621	CO-PO621	PO6
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ITSPM'S
Art's Science and Commerce College, Indapur
DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)
ATTAINMENT LEVEL OF CO/PO/PSO

Sr No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level of PO/PSO
1	Chemistry	1.72	3	1.38	0.6	1.98	1.73	1.63	Level 3


Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune


Principal
Arts, Science & Commerce
College, Indapur, Dist. Pune

Department of Political Science (M.A. 2020-21)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Target Achieved	Justification
03	32401	Modern Political Thought	(CO1)	1.85	Satisfactorily achieved	Extra classes and Test were taken
	32402	Political Sociology	(CO2)	1.9	Satisfactorily achieved	Extra classes and Test were taken
	32403	World Politics New Development	(CO3)	2.45	Significantly achieved	Extra classes and Test were taken
	32407	Research Methodology	(CO4)	1.45	Satisfactorily achieved	
04	42401	Fundamental of Political Theory	(CO5)	1.07	Partially achieved	
	42402	Political Process in India	(CO6)	1.95	Satisfactorily achieved	Extra classes and Test were taken
	42403	Politics and Society	(CO7)	1.95	Satisfactorily achieved	
	42406	Election Studies	(CO8)	2.15	Significantly achieved	
			Total	15.4		
			Average	1.92	Satisfactorily achieved	


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 DEPARTMENT OF POLITICAL SCIENCE,
 ARTS, SCIENCE & COMMERCE COLLEGE,
 INDAPUR TAL. INDAPUR DIST. PUNE


PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR TAL. INDAPUR DIST. PUNE

CO-PO/PSO Mapping (Direct Method) M.A. 2020-21

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	1	1	3	2	2	1	2	3	2	3	2	1	1	2
Co2	1	3	2	2	1	3	2	1	1	2	3	2	1	1	2
Co 3	3	2	3	2	1	1	2	2	1	3	2	3	2	2	2
Co 4	1	1	2	1	2	3	1	3	2	2	1	2	2	1	3
Co 5	3	2	1	3	2	2	1	2	2	1	2	1	1	2	2
Co 6	1	1	2	2	1	1	2	3	2	3	2	2	1	1	3
Co 7	2	3	2	3	3	2	2	1	1	2	1	2	2	2	1
Co 8	1	2	3	2	2	1	1	2	2	2	1	2	1	2	1
Total	14	15	16	21	14	15	12	16	14	17	15	16	11	12	16
PO/PSO Attainment	1.75	1.87	2	3	1.75	1.5	1.5	2	1.75	2.12	1.87	2	1.37	1.5	2
Total PO	17.34										Total PSO	8.74			
Average PO	1.77										Average PSO	1.74			
PO											PSO				


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 ARTS, SCIENCE & COMMERCE, COLLEGE,
 INDAPUR, TAL.INDAPUR DIST-PUNE


PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106 DIST-PUNE

Attainment of CO- M.A. (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Chavan Vishal Balasaheb	Asst. Professor	A.S.C. College Indapur
2.	Ghogare Shital Vasant	B.Ed.	Mahatma Phule College of Education, Akluj
3.	Kharmate Sachin Pandurang	B.Ed.	A.S.C. College Indapur
4.	Sul Hemant Vishnu	Teacher	PDEA Nimgaon Ketki
5.	Tarange Sambhaji Shivaji	Ph.D.	SPPU Pune

Placement & Progression = 25 %

Level = 2 (Moderate)

Attainment Level of CO-PO-PSO (M.A. 2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.92	2	1.53	0.40	1.93	1.77	1.74	Level 3


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 DEPARTMENT OF POLITICAL SCIENCE,
 ARTS, SCIENCE & COMMERCE COLLEGE,
 INDAPUR, TAL. INDAPUR DIST. PUNE


PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106 DIST. PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Calculation for CO Attainment - Academic Year 2020-21

Class: T. Y. B. A.

Annual

Sr. No.	Name of the students	3207		
		Marks	%	Attainment
1	CHAVAN VAIBHAV NARAYAN	9	9	1
2	GAIKWAD SUPRIYA CHANDRAKANT	66	66	2
3	GEJAGE NANASAHEB DATTATRAY	59	59	1
4	GHORPADE PRATIK SURYAKANT	70	70	2
5	JADHAV DEEPAK BABA	42	42	1
6	KADAM PRITI KISAN	57	57	1
7	KHANKAL RITESH RAJENDRA	80	80	2
8	KSHATRIYA RUPALI RAJKUMAR	57	57	1
9	LONDHE SONALI HANUMANT	53	53	1
10	NANAVARE VAIBHAV SOUDAGAR	79	79	2
11	RAJMANE VAIBHAV JAYKUMAR	62	62	2
12	ALAT SANI GORAKH	88	88	3
13	BARAVE KIRAN DILIP	85	85	3
14	BHOSALE SURAJ SUNIL	68	68	2
15	BHOSALE VISHAL SARJERAO	82	82	3
16	CHAVAN KAJAL AJINATH	70	70	2
17	CHAVAN SAGAR LAVHAJI	61	61	2
18	DEHARE ATUL CHANDRAKANT	73	73	2
19	DEVKAR OMKAR LALASAHEB	58	58	1
20	DHAVARE VIDYA VILAS	53	53	1
21	EKATPURE SHREEYASH SANJAY	70	70	2
22	GAIKWAD MAHESH BIBHISHAN	58	58	1
23	GALANDE RENUKA JOTIRAM	95	95	3
24	UGUDE AMOL DNYANDEV	15	15	1
25	JADHAV AMOL ARJUN	79	79	2
26	JADHAV KAJAL LAHU	76	76	2
27	KADAM ROHAN DNYANDEO	88	88	3
28	KADAM SEEMA DILIP	74	74	2
29	KALE AKASH JANARDAN	90	90	3
30	KALE SAURABH SHANKAR	93	93	3
31	KAMBALE RAHUL LAXMAN	14	14	1
32	KAMBLE TEJAS SHIVAJI	80	80	2
33	KARANDE MAHENDRA HANUMANT	93	93	3
34	KARE SUSMITA DADA	78	78	2
35	KARGAL SHUBHANGI HANUMANT	38	38	1
36	KAZI MOHAMMADSAIF MUKHATAR	73	73	2
37	KHAMGAL KIRAN BALASO	77	77	2
38	KULTHE UTKARSH VINOD	75	75	2
39	MAHAJAN YOGI GOPAL	77	77	2
40	MAKHARE AKASH SUNIL	62	62	2

41	MANE SHIVADAS PANDURANG	84	84	3
42	MORE SOURABH GORAKH	73	73	2
43	MORE YUVRAJ VISHNU	73	73	2
44	OVHAL SURAJ MARUTI	84	84	3
45	PAREKAR GANESH KERABA	AA	AA	1
46	PATHAK SAGAR RAJABHAU	59	59	1
47	PAWAR KIRAN DILIP	76	76	2
48	PAWAR MANISHA SAHEBRAO	73	73	2
49	PAWAR SHUBHAM ANIL	AA	AA	1
50	PAWAR VARSHA HARIBHAU	49	49	1
51	PHARADE SAGAR BALU	90	90	3
52	RASKAR DADARAM ANNA	75	75	2
53	RASTE RESHMA TANAJI	68	68	2
54	SABALE ASHITOSH ANIL	67	67	2
55	SATAV BHAGYSHRI ANKUSH	55	55	1
56	SATPUTE AVINASH TATYABA	87	87	3
57	SAYYAD FIROJ SHARIF	80	80	2
58	SHELAR AARTI SOMNATH	66	66	2
59	SHENDAGE PRAVARTI HARIDAS	90	90	3
60	SHENDE KASHINATH RAMCHANDRA	67	67	2
61	SHINDE ANIKET SANJAY	84	84	3
62	SHINDE DHIRAJ DILIP	55	55	1
63	SHINDE PRANALI SAUDAGAR	59	59	1
64	SHINDE PRIYANKA SHIVKUMAR	69	69	2
65	SHINDE RUPALI BALBHIM	63	63	2
66	SHINDE SIDDHI GORAKH	95	95	3
67	SOMAVANSHI DHARMARAJ RAJENDRA	74	74	2
68	THAVARE MANISHA POPAT	59	59	1
69	TOBARE SHITAL ACHUT	78	78	2
70	TORASKAR SHUBHAM DASHARATH	72	72	2
71	WAGH AMOL CHHAGAN	66	66	2
72	AHER PRAKASH RAMCHANDRA	AA	AA	1
	Average			1.92

Mr. Gajanan Meshram

Head

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist- Pune- 413106

Mr. Viresh Holkunde

Coordinator, IQAC
Arts, Science & Commerce College,
Indapur Tal. Indapur Dist Pune - 413106

Dr. Sanjay Chakane
PRINCIPAL
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Calculation for CO Attainment - Academic Year 2020-21

Class: T. Y. B. A.

Annual

Sr. No.	Name of the students	3208 (CO2)			3209 (CO3)		
		Marks	%	Attainment	Marks	%	Attainment
1	KHANKAL RITESH RAJENDRA	75	75	2	55	55	1
2	KSHATRIYA RUPALI RAJKUMAR	51	51	1	52	52	1
3	RAJMANE VAIBHAV JAYKUMAR	61	61	2	70	70	2
4	BHOSALE SURAJ SUNIL	66	66	2	58	58	1
5	DEHARE ATUL CHANDRKANT	64	64	2	66	66	2
6	DEVKAR OMKAR LALASAHEB	58	58	1	47	47	1
7	EKATPURE SHREEYASH SANJAY	70	70	2	58	58	1
8	GAIKWAD MAHESH BIBHISHAN	58	58	1	55	55	1
9	GALANDE RENUKA JOTIRAM	82	82	3	83	83	3
10	UGUDE AMOL DNYANDEV	15	15	1	65	65	2
11	KADAM SEEMA DILIP	79	79	2	77	77	2
12	KAMBALE RAHUL LAXMAN	64	64	2	51	51	1
13	KAZI MOHAMMADSAIF MUKHATAR	58	58	1	71	71	2
14	KHAMGAL KIRAN BALASO	77	77	2	59	59	1
15	MORE SOURABH GORAKH	82	82	3	63	63	2
16	PATHAK SAGAR RAJABHAU	48	48	1	64	64	2
17	PAWAR KIRAN DILIP	67	67	2	57	57	1
18	SATPUTE AVINASH TATYABA	53	53	1	63	63	2
19	SHELAR AARTI SOMNATH	68	68	2	78	78	2
20	SHENDAGE PRAVARTI HARIDAS	67	67	2	63	63	2
21	SHINDE PRANALI SAUDAGAR	61	61	2	66	66	2
22	SHINDE PRIYANKA SHIVKUMAR	61	61	2	67	67	2
23	SHINDE SIDDHI GORAKH	79	79	2	84	84	3
24	SOMAVANSHI DHARMARAJ RAJENDRA	80	80	2	59	59	1
25	THAVARE MANISHA POPAT	62	62	2	67	67	2
26	TOBARE SHITAL ACHUT	84	84	3	86	86	3
27	TORASKAR SHUBHAM DASHARATH	65	65	2	67	67	2
Average				1.85			1.74

Mr. Gajanan Meshram

Head

Department of Geography

Mr. Viresh Holkunde

Coordinator, IQAC

Arts, Science & Commerce College

Dr. Sanjay Chakane

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COMMERCE COLLEGE



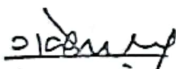
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2020-21

Class: T.Y.B.A.

Annual

Semester	Course Code	Course Name	Course No.	Course Attainment
Annual	3207	Regional Geography of India or Human Geography	CO1	1.92
	3208	Agriculture Geography	CO2	1.85
	3209	Practical Geography - Techniques of Spatial Analysis	CO3	1.74
			Average	1.84


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Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2020-21

Annual

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	1	3	2	3	3	3	0	1	3	2	3	2	1
CO2	3	2	2	2	2	3	1	1	3	2	3	0	3	3	2
CO3	1	0	3	2	3	2	3	3	3	3	1	3	2	3	3
PO/PSO Attainment	1.87	1.90	1.81	1.85	1.83	1.85	1.83	1.83	1.80	1.81	1.87	1.81	1.85	1.83	1.81
Total PO	18.38										Total PSO	9.17			
Average PO	1.84										Average PSO	1.83			

Coordinator, IQAC

Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106

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Arts, Science and Commerce College,
Indapur, Dist.-Pune-413106

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Attainment Level of CO/PO/PSO - Academic Year 2020-21

Class: T. Y. B. A.

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	1.84	1	1.47	0.2	1.67	1.84	1.83	3

for Mr. Gajanan Meshram
Head

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Mr. Viresh Holikunde
Coordinator, IQAC

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Dr. Sanjay Chakane
Principal
Arts, Science and
Commerce College
Indapur-413106 Dist. Pune

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Course Attainment (Direct Method) - Academic Year 2020-21

Class: T. Y. B. A.

Annual

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
Annual	3207	Regional Geography of India or Human Geography	CO1	1.92	3	Satisfactorily Achieved	-
	3208	Agriculture Geography	CO2	1.85	4	Satisfactorily Achieved	-
	3209	Practical Geography - Techniques of Spatial Analysis	CO3	1.74	3	Satisfactorily Achieved	-


Mr. Gajanan Meshram

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Mr. Sandip Shinde

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Dr. Sanjay Chakane

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DEPARTMENT OF HINDI (A.Y. 2020-21) (T.Y.B.A.)

Course Attainment (Direct Method)

Annual	Course Code	Course Name	Course No.	Course Attainment
	3098	Hindi Sahitya ka Itihas	(CO1)	2.71
	3099	Bhasha vidnyan	(CO2)	2.14
	3097	Samanya Hindi	(CO3)	1.57
			Total	6.42
			Average	2.14

Attainment of CO (Indirect Method) 2020-21

Sr. No.	Name of the student	Degree	Institute
1	Ghadage Vrushali Narayan	M. A	A.S.C. College Indapur, Dist-Pune
2	Jori Archana Abhimanyu	M. A	A.S.C. College Indapur, Dist-Pune
		%	28.57%
		Attainment Level	2 (Moderate)

DEPARTMENT OF HINDI (A.Y. 2020-21)

Course Attainment (Direct Method)

Annual	Course Code	Course Name	Course No.	Course Attainment	CO Attainment Level	Target achievement	Justification
	3098	Hindi Sahitya ka Itihas	(CO1)	2.71	5	Significantly achieved	
	3099	Bhasha vidnyan	(CO2)	2.14	4	Significantly achieved	
	3097	Samanya Hindi	(CO3)	1.57	3	Satisfies Achieved	
			Total	6.42			
			Average	2.14			

Signature

डॉ. एस. एन. पवार
हिंदी विभाग प्रमुख
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CO Attainment T.Y.B.A. Hindi 2020-21

	CO1		CO1 Atta.	CO2		CO2 Atta	CO3		CO3 Atta
	Marks	%		Marks	%		Marks	%	
Ghadage Vrushali Narayan	97	97	3	91	91	3	65	65	2
Jori Archana Abhimanya	87	87	3	90	90	3	74	74	2
Kale Vishal Babaso	90	90	3	83	83	3	52	52	1
Magar Amruta Santosh	86	86	3	72	72	2	65	65	2
More Sonali Ramesh	67	67	3	58	58	1	48	48	1
More Yuvraj Vishnu	96	96	3	71	71	2	57	57	1
Jagtap Rutuja Ramesh	41	41	1	49	49	1	69	69	2
Total			19			15			11
Average			2.71			2.14			1.57

CO-PO/PSO Mapping (Direct Method) Hindi 2020-21

PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
	3	2	3	2	3	2	3	2	3	2	2	3	3	2	3
	2	3	3	2	3	3	3	2	3	2	3	2	3	3	2
	3	3	3	2	3	3	3	2	3	2	1	1	3	1	1
	8	8	9	6	9	8	9	6	9	6	6	6	9	6	6
PSO Attainment	2.66	2.66	3	2	3	2.66	3	2	3	2	2	2	3	2	2
al PO	25.98	Total PSO										11			
PO	2.59	Average PSO =										2.2			

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po

dmr

Attainment Level of PO-PSO-CO (A.Y.2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO
I	Hindi	2.14	2.0	1.71	II	I+II	2.59	2.2

• Attainment level for PO's / PSO's

PO/ PSO Level	Target Attainment	Target Achievement
Level - 4	2.0 - 2.5	Significantly achieved PO/ PSO

Dr. P. N. P. Var
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 इंदूर जिल्हा, पुणे 413106

Dr. P. N. P. Var
 PRINCIPAL
 ARTS, SCIENCE AND
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 INDAPUR-413106 DIST-PUNE

Department of English
TYBA Academic Year 2020-2021
Annual Pattern

Sr.No	Name of Student	3337			3338			3339			3857			3858		
		CO1		Attnt	CO2		Attnt	CO3		Attnt	CO4		Attnt	CO5		Attnt
		Marks	%		Marks	%		Marks	%		Marks	%		Marks	%	
1	Shinde Rushikesh	75	75	2	80	80	2	70	70	2	84	84	3	84	84	3
2	Chavan Avinash	75	75	2	68	68	2	77	77	2	68	68	2	76	76	2
3	Ughade Seema	74	74	2	59	59	1	69	69	2	51	51	1	84	84	3
4	Shende Pooja	72	72	2	67	67	2	63	63	2	60	60	1	82	82	3
5	Shende Prema	78	78	2	67	67	2	62	62	2	76	76	2	83	83	3
6	Pawar Monali	67	67	2	72	72	2	66	66	2	54	54	1	73	73	2
7	Kale Rajashri	64	64	2	64	64	2	66	66	2	50	50	1	86	86	3
8	Markad Dinesh	64	64	2	80	80	2	72	72	2	76	76	2	70	70	2
9	Bhong Komal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Kuber Rushikesh	64	64	2	77	77	2	65	65	2	66	66	2	73	73	2
11	Bhosale Palak	67	67	2	74	74	2	68	68	2	55	55	1	74	74	2
12	Vajale Rohit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Raut Patiksha	79	79	2	82	82	3	78	78	2	74	74	2	77	77	2
14	Nagare Komal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average		55.64	56	1.57	56.43	56	1.57	54	54	1.57	51	51	1.29	61.57	66	1.93

[Signature]

In Charge (Sr)
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Art Science & Commerce College
Indapur (Pune) Pin-413106

[Signature]

Head
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INDAPUR, DIST-PUNE, 413106

DEPARTMENT OF English (A.Y. 2020-21)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Target Achieved	Justification
	3337	Appreciating Novel	CO1	2	Satisfactorily achieved	
	3338	Introduction to Literary Criticism	Co2	2	Satisfactorily achieved	Extra classes were taken
	3339	Advance study of English Language and Literature	Co3	2	Satisfactorily achieved	Extra classes were taken
	3857	Functional English -5	Co4	1.63	Satisfactorily achieved	Extra classes were taken
	3858	Functional English -6	Co5	2.45	Satisfactorily achieved	Extra classes were taken
			Total	10.08		
			Average	2.01	Satisfactorily achieved	Extra classes were taken

[Signature]
Head

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INDAPUR-413106 DIST-PUNE

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	2	2	2	2	2	1	1	2	2	2	2	2	2	2
Co2	2	1	2	3	2	3	2	2	2	2	2	3	2	1	2
Co3	3	2	3	2	3	2	2	2	2	3	2	2	2	2	2
Co4	2	3	2	3	2	2	2	2	3	3	2	1	2	2	1
Co5	2	2	2	2	2	2	3	3	3	3	2	2	2	2	2
11	10	11	12	11	11	10	10	10	12	13	10	10	10	9	9
TOTAL PO	2.05	1.98	2.01	1.98	2.05	2.01	2.06	2.06	2.02	2.01	2.01	2.05	2.01	2.01	2.01
Average	2.023										2.018				

PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
4	4	4	4	4	4	2	2	4	4	4	4	4	4	4
4	2	4	6	4	6	4	4	4	4	4	6	4	2	4
6	4	6	4	6	4	4	4	4	6	4	4	4	4	4
3.26	4.89	3.26	4.89	3.26	3.26	3.26	3.26	4.89	4.89	3.26	1.63	3.26	3.26	3.26
4.9	4.9	4.9	4.9	4.9	4.9	7.35	7.35	7.35	7.35	4.9	4.9	4.9	4.9	4.9
22.16	19.79	22.16	23.79	22.16	22.16	20.61	20.61	24.24	26.24	20.16	20.53	20.16	18.16	18.16

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Head
Department of English
Arts, Science and Commerce College
Indapur (Pune) Pin-413106

Attainment of CO- (Indirect Method)

Sr.No.	Name of the student	Degree	Institute
1.			
2.			

Placement & Progression = 00%

Level = I (LOW)


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Attainment Level of CO-PO-PSO (A.Y. 2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ENGLISH	2.01	1	1.78	0.20	1.98	2.02	1.94	Level 3


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Head
Department of English
Arts, Science and Commerce College
Indapur, Dist-Pune, 413106

DEPARTMENT OF PSYCHOLOGY (A.Y. 2020-21)

Course Attainment (Direct Method)

Annual	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
	3227	Industrial and Organizational Psychology	(CO1)	1.7	Satisfactorily achieved	
	3228	Scientific Research and Experimental Psychology	(CO2)	1.1	Partially achieved	Need to improve by taking extra classes
	3229	Psychology Practical: Test and Experiments	(CO3)	2.2	Significantly achieved	
			Total	5		
			Average	1.66	Satisfactorily achieved	


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 Department of Psychology
 A.S.C.College,Indapur,
 Dist.Pune.413106

DEPARTMENT OF PSYCHOLOGY (A.Y. 2020-21)

Course Attainment (Direct Method)

Annual	Course Code	Course Name	Course No.	Course Attainment
	3227	Industrial and Organizational Psychology	(CO1)	1.75
	3228	Scientific Research and Experimental Psychology	(CO2)	1.16
	3229	Psychology Practical: Test and Experiments	(CO3)	2.16
			Total	5.07
			Average	1.69

CO-PO/PSO Mapping (Direct Method) Psychology 2020-21

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	3	2	0	2	2	2	3	2	2	3	1
Co2	3	2	3	2	2	1	3	1	2	3	1	2	3	0	2
Co 3	3	2	3	3	2	2	1	2	1	3	0	0	3	2	1
Total	9	5	9	8	7	5	4	5	5	8	4	4	8	5	4
PO/PSO Attainment	3	1.66	3	2.7	2.33	1.66	1.33	1.66	1.66	2.66	1.33	1.33	2.66	1.66	1.33
Total PO	21.62										Total PSO	8.31			
Ave.PO	2.16										Average PSO	1.66			

Attainment level for PO's/PSO's

PO/PSO Level	Target Attainment	Target Achievement
Level-3	1.5 - 2.0	Satisfactorily achieved PO/PSO

Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
---------	---------------------	--------	-----------

1	Atul Kadwale	L.L.B	V.P. College Baramati, Dist-Pune
2	Markad Komal	M.A.	A.S.C. College Indapur, Dist-Pune
3	Satav Bhagyashri	M.A.	A.S.C. College Indapur, Dist-Pune
4	Shaikh Sharmila	M.A.	A.S.C. College Indapur, Dist-Pune
5	Wagh Amol	M.A.	A.S.C. College Indapur, Dist-Pune

Placement and Progression= 50
Level = 3(High)

Attainment Level of PO-PSO-CO (2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO
					II	I+II		
1	PSYCHOLOGY	1.69	3	1.35	0.6	1.95	2.16	1.66

CALCULATION FOR CO ATTAINMENT – 2020-21

Student name		CO1			CO2			CO3	
	Marks	%	CO1 Atta.	Marks	%	CO2 Atta	Marks	%	CO3 Atta

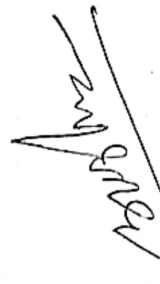
Atul Kadwale	71	71	2	61	61	2	88	88	3
Kare Swapnil	69	69	2	48	48	1	69	69	2
Mane Shivdas	83	83	3	48	48	1	69	69	2
Markad Komal	47	47	1	32	32	1	80	80	2
Redke Ganesh	74	74	2	58	58	1	68	68	2
Satav Bhagyashri	62	62	2	54	54	1	92	92	3
Shaikh Sharmila	55	55	1	47	47	1	80	80	2
Wagh Amol	52	52	1	57	57	1	84	84	3
Bhong Sandeep	67	67	2	44	44	1	55	55	1
Mohite Deepak	45	45	1	42	42	1	78	78	2
Devkate sakshi	74	74	2	67	67	2	77	77	2
chormale Tukaram	61	61	2	49	49	1	79	79	2
Total			21			14			26
Average			1.75			1.16			2.16


Head
 Department of Psychology
 A.S.C.College,Indapur,
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DEPARTMENT OF ECONOMICS (A.Y. 2020-21)

Course Attainment (Direct Method) (B.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
	3158	Intentional Economics	(CO1)	1.6
	3159	Public Finance	(CO2)	1.8
	3157	Indian Economics Development	(CO3)	1.8
			Total	5.2
			Average	1.73


HOD

Department of Economics
A.S.C.College,Indapur,
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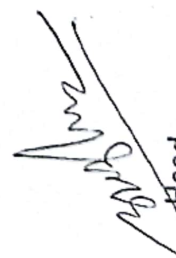
Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree/ JOB	Private HP	Institute
1.	Dongare A.P	PA		
2.	Londhe .S.H	MA	A.S.C.COLLEGE INDAPUR	
3.	Alhat .S.G	MA	A.S.C.COLLEGE INDAPUR	
4.	Barave .K.P	MA	A.S.C.COLLEGE INDAPUR	
5.	Bhong .B.P	MA	A.S.C.COLLEGE INDAPUR	
6.	Chavan K.A	MA	A.S.C.COLLEGE INDAPUR	
7.	Chavan R.M	MA	A.S.C.COLLEGE INDAPUR	
8.	Galande .V.S	MA	A.S.C.COLLEGE INDAPUR	
9.	Markad A.H	MA	A.S.C.COLLEGE INDAPUR	
10.	Nikam Y.S	MA	A.S.C.COLLEGE INDAPUR	
11.	Raste R.T	MA	A.S.C.COLLEGE INDAPUR	
12.	Sanap S.C	MA	A.S.C.COLLEGE INDAPUR	
13.	Sayyad F.S	MA	A.S.C.COLLEGE INDAPUR	
14.	Sonwane .S.S	MA	A.S.C.COLLEGE INDAPUR	
15.	Gaikawad M.H	PHOTO SHOP	PHOTO SHOP	
16.	Markad S.N	MA	A.S.C.COLLEGE INDAPUR	

Placement & Progression = 16/44 x100

= 36.36 %

Level = 2 (Moderate)


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CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	3	2	3	2	2	2	2	2	2	2	3	2	2	3
Co2	3	2	3	3	2	2	3	2	2	3	2	2	3	2	2
Co3	3	2	2	3	2	2	3	2	2	2	2	2	2	2	2
Total	8	7	7	9	6	6	8	6	6	7	6	7	7	6	7
PO/PSO Attainment															
Total Po	17.36666667										Total Pos	8.638095238			
Average	1.736666667										Average	1.727619048			


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PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum (\text{Level of mapping PO/PSO with CO})}$


 PRINCIPAL
 ARTS, SCIENCE AND
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 INDAPUR-413108 DIST-PUNE

Attainment Level of CO-PO-PSO (A.Y. 2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (1)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.73	2	1.38	0.40	1.78	1.73	1.72	Level 3


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	A	B	C	D	E	F	G	H	I	J
1	ARTS, SCIENCE AND COMMERCE COLLEGE, INDAPUR									
2	Course Attainment by Direct Method BA History (20-21) BA									
3	Student	CO1			CO2			CO3		
4		Marks	%	Att.	Marks	%	Att.	Marks	%	Att.
5										
6	Kamble Ajay	51	51	1	60	60	2	55	55	1
7	Sarade Vitthal									
8	Ghadage Ankita	66	66	2	63	63	2	73	73	2
9	Ghorapade Pravin	62	62	2	57	57	1	79	79	2
10	Jadhav Dipak	31	31	1	47	47	1	53	53	1
11	Kadam Preeti	39	39	1	20	20	1	37	37	1
12	Lokhnde Bharat	80	80	3	69	69	2	89	89	3
13	Mallav Yoghes	90	90	3	67	67	2	77	77	2
14	Nanaware Vaibhav	58	58	1	64	64	2	61	61	2
15	Pawar Rohit	70	70	2	57	57	1	63	63	2
16	Phalphale Mahendra	81	81	3	70	70	2	84	84	3
17	Ransing Avinash	71	71	2	50	50	1	53	53	1
18	Raut Vidya	35	35	1	47	47	1	46	46	1
19	Salunkhe Abhijeet	64	64	2	56	56	1	55	55	1
20	Akshay Glande	95	95	3	75	75	2	82	82	3
21	Bandgar Ruali Sanyjay	50	50	1	56	56	1	57	57	1
22	Bansode Geetanjali Vikas	61	61	2	64	64	2	69	69	2
23	Bhong Manisha Laxman	15	15	1	57	57	1	71	71	2
24	Dardare Vidya Mohan	64	64	2	64	64	2	79	79	2
25	Deokar Sonali Dadaram	74	74	2	63	63	2	78	78	2
26	Gavali payal Ramesh	72	72	2	68	68	2	72	72	2
27	Godase Krushna Dattu	85	85	3	72	72	2	87	87	2
28	Jadhav kajal Lahu	78	78	2	70	70	2	92	92	3
29	Kadavale Varsha Bhauso	54	54	1	75	75	2	76	76	2
30	Kamble Neha Mahadeo	64	64	2	63	63	2	65	65	2
31	Kamble Tejas Shivaji	77	77	2	66	66	2	84	84	3
32	Karche Dattatrya Jagannath	70	70	2	72	72	2	67	67	2
33	Kare Priyanka Bapu	78	78	2	76	76	2	49	49	1
34	Kulatke Utkash Vinod	88	88	3	72	72	2	99	99	3
35	Lonkar gayatri Ashok	88	88	3	62	62	2	50	50	1
36	Mahamuni Pranav Pramod	88	88	3	66	66	2	73	73	2
37	Nagare Chandrabhaga Nanaso	60	60	2	64	64	2	51	51	1
38	Nanaare Akashay aShok	74	74	2	64	64	2	76	76	2
39	Ohal Suraj Maruti	83	83	3	85	85	2	89	89	3
40	Parekar Ganesh Keraba	15	15	1	29	29	1	12	12	1
41	Shende kashinath Ramchandra	74	74	2	66	66	2	61	61	2
42	Shende Mayauri Mohan	72	72	2	62	62	2	72	72	2
43	Shinde Rupali Balbhim	49	49	1	51	51	1	43	43	1
44	Shinde Swapnil Santosh	94	94	3	71	71	2	83	83	3
45	Veer Rushikesh Kantilal	48	48	1	56	56	1	48	48	1

	A	B	C	D	E	F	G	H	I	J
46	Arde Vaibhvb Babasaheb	48	48	1	72	72	1	66	66	2
47	Bhosale Raturaj Hanumant	48	48	1	61	61	2	47	47	1
48	Kshirasagar Poonam Deelip	61	61	2	65	65	2	58	58	1
49	Maske Nikhil Govind	51	51	1	64	64	2	54	54	1
50	Sapkal Dnyansher	60	60	2	66	66	2	44	44	1
51	Badage Vishal	14	14	1	38	38	1	18	18	1
52	Kare Komal	14	14	1	39	39	1	18	18	1
53	Total	2864	2864	86	2821	2821	77	2915	2915	81
54	Attainment	62.261	62.3	1.9	61.326	61.3	1.7	63.37	63.4	1.8

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इतिहास विभाग प्रमुख
कला विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, जि. पुणे

[Signature]

PRINCIPAL
ARTS, SCIENCE AND
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INDAPUR-413105 DIST-PUNE

ARTS, SCIENCE AND COMMERCE COLLEGE, INDAPUR

DEPARTMENT OF HISTORY (A.Y. 2020-21)

Course Attainment (Direct Method) B/A

Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
3177	History of world in 20th century	CO1	1.9	Significantly achieved	
3178	Introduction to History	CO2	1.7	Satisfactorily achieved	
3179	History of Asia / History of USA	CO3	1.8	Satisfactorily achieved	
		Total	5.4		
		Average	1.80	Satisfactorily achieved	

K. V. K.

इतिहास विभाग अध्यक्ष

कला विभाग अग्रेसर कॉलेज १ इंदोरा

इंदोरा, जि. पुणे

K. V. K.

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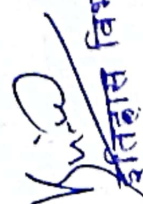
ARTS, SCIENCE AND COMMERCE COLLEGE, INDAPUR			
DEPARTMENT OF HISTORY (A.Y. 2020-21)			
Attainment of CO- (Indirect Method) 2020-21 BA			
Sr. No.	Name of the student	Degree	Institute
1	Jadhav Kajal Lahu	M.A.	Arts, Science And Commerce College, Indapur
2	Phalphale Mahendra	M.A.	Arts, Science And Commerce College, Indapur
3	Shende Mayuri Mohan	M.A.	Arts, Science And Commerce College, Indapur
4	Galande Akshay Ashok	M.A.	Arts, Science And Commerce College, Indapur
5	Kare Priyanka Bapu	M.A.	Arts, Science And Commerce College, Indapur
Placement & Progression		9.61538462	
Level		1	

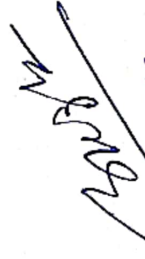
Kind

अभिज्ञान विभाग प्रमुख
लाहुरी जेने अभिज्ञान महाविद्यालय
इंदापूर, जि. पुणे

Principal
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ARTS, SCIENCE AND COMMERCE COLLEGE, INDAPUR									
DEPARTMENT OF HISTORY (A.Y. 2020-21)									
Attainment Level of CO-PO-PSO (A.Y. 2020-21) BA									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	History	1.8	1	1.44	0.2	1.64	1.80	1.82	Level 3


 इतिहास विभाग प्रमुख
 कला विज्ञान प्रगति दानिज्य महविद्यालय
 इंदापूर, जि. पूर्ण


 PRINCIPAL
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ARTS, SCIENCE AND COMMERCE COLLEGE, INDAPUR

DEPARTMENT OF HISTORY (A.Y. 2020-21)

CO/PO/PSO Mapping (Direct Method) *BA*

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	2	1	2	1	1	2	2	1	3	2	1	2	3
CO2	2	3	2	2	1	2	0	3	1	1	1	3	1	1	2
CO3	1	3	3	3	0	1	2	2	1	3	0	2	2	0	1
Total	6	8	7	6	3	4	3	7	4	5	4	7	4	3	6
PO/PSO attainment	1.82	1.79	1.8	1.78	1.83	1.78	1.83	1.79	1.83	1.8	1.85	1.79	1.8	1.83	1.82
TOTAL PO	18.04										TOTAL PSO	9.09			
Average	1.80										Average	1.82			
PSO Direct Attainment = $\frac{\sum (\text{overall CO attainment} \times \text{PO/PSO L})}{\sum (\text{Level of mapping PO/PSO w})}$															

Vinod
इतिहास विभाग प्रमुख
इतिहास विभाग प्रमुख
इंदापूर, जि. पुणे

gnd
PRINCIPAL
ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Course Attainment - Academic Year 2020-21

Sem: V & VI

Class: T. Y. B. Sc.

Student	Gg-331			Gg-332			Gg-333			Gg-334			Gg-335			Gg-336			Gg-341			Gg-342		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co8 Attainment
S1	26	52	1	37	74	2	32	64	2	34	68	2	22	44	1	42	84	3	28	56	1	14	28	1
S2	38	76	2	48	96	3	38	76	2	47	94	3	46	92	3	48	96	3	38	76	2	45	90	3
S3	38	76	2	8	16	1	36	72	2	31	62	2	36	72	2	45	90	3	35	70	2	35	70	2
S4	33	66	2	30	60	1	31	62	2	40	80	2	37	74	2	37	74	2	31	62	2	43	86	3
S5	27	54	1	35	70	2	32	64	2	43	86	3	26	52	1	39	78	2	36	72	2	39	78	2
S6	25	50	1	32	64	2	28	56	1	47	94	3	34	68	2	44	88	3	37	74	2	36	72	2
S7	24	48	1	44	88	3	33	66	2	47	94	3	38	76	2	44	88	3	39	78	2	46	92	3
S8	42	82	3	48	96	3	37	74	2	49	98	3	45	90	3	46	92	3	42	84	3	42	84	3
Avg	.	.	1.63	.	.	2.13	.	.	1.88	.	.	2.63	.	.	2.00	.	.	2.75	.	.	2.00	.	.	2.38

Student	Gg-343			Gg-344			Gg-345			Gg-346			Gg-347			Gg-348			Gg-349		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment
S1	21	42	1	14	28	1	15	30	1	21	42	1	10	10	1	Ab	Ab	1	Ab	Ab	1
S2	36	72	2	45	90	3	44	88	3	42	84	3	64	64	2	77	77	2	76	76	2
S3	31	62	2	36	72	2	26	52	1	38	76	2	40	40	1	40	40	1	40	40	1
S4	32	64	2	39	78	2	40	80	3	41	82	3	83	83	3	79	79	2	87	87	3
S5	30	60	1	33	66	2	33	66	2	35	70	2	74	74	2	74	74	2	86	86	3
S6	24	48	1	38	76	2	42	84	3	37	74	2	79	79	2	72	72	2	74	74	2
S7	29	58	1	42	84	3	40	80	2	33	66	2	71	71	2	71	71	2	77	77	2
S8	41	82	3	44	88	3	42	84	3	48	96	3	84	84	3	79	79	2	74	74	2
Avg	.	.	1.63	.	.	2.25	.	.	2.25	.	.	2.25	.	.	2.00	.	.	1.75	.	.	2.00

Dr. Sanjay Chakane
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Mr. Viresh Holkund
Coordinator IQAC
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Mr. Gajanan Meshram
Head
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Arts, Science and Commerce College

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment - Academic Year 2020-21

Class: T. Y. B. Sc.

Sem: V & VI

Student	Gg-331			Gg-332			Gg-333			Gg-334			Gg-335			Gg-336			Gg-341			Gg-342		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co8 Attainment
S1	26	52	1	37	74	2	32	64	2	34	68	2	22	44	1	42	84	3	28	56	1	14	28	1
S2	38	76	2	48	96	3	38	76	2	47	94	3	46	92	3	48	96	3	38	76	2	45	90	3
S3	38	76	2	8	16	1	36	72	2	31	62	2	36	72	2	45	90	3	35	70	2	35	70	2
S4	33	66	2	30	60	1	31	62	2	40	80	2	37	74	2	37	74	2	31	62	2	43	86	3
S5	27	54	1	35	70	2	32	64	2	43	86	3	26	52	1	39	78	2	36	72	2	39	78	2
S6	25	50	1	32	64	2	28	56	1	47	94	3	34	68	2	44	88	3	37	74	2	36	72	2
S7	24	48	1	44	88	3	33	66	2	47	94	3	38	76	2	44	88	3	39	78	2	46	92	3
S8	42	82	3	48	96	3	37	74	2	49	98	3	45	90	3	46	92	3	42	84	3	42	84	3
Avg			1.63			2.13			1.88			2.63			2.00			2.75			2.00			2.38

Student	Gg-343			Gg-344			Gg-345			Gg-346			Gg-347			Gg-348			Gg-349		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment
S1	21	42	1	14	28	1	15	30	1	21	42	1	10	10	1	Ab	Ab	1	Ab	Ab	1
S2	36	72	2	45	90	3	44	88	3	42	84	3	64	64	2	77	77	2	76	76	2
S3	31	62	2	36	72	2	26	52	1	38	76	2	40	40	1	40	40	1	40	40	1
S4	32	64	2	39	78	2	40	80	3	41	82	3	83	83	3	79	79	2	87	87	3
S5	30	60	1	33	66	2	33	66	2	35	70	2	74	74	2	74	74	2	86	86	3
S6	24	48	1	38	76	2	42	84	3	37	74	2	79	79	2	72	72	2	74	74	2
S7	29	58	1	42	84	3	40	80	2	33	66	2	71	71	2	71	71	2	77	77	2
S8	41	82	3	44	88	3	42	84	3	48	96	3	84	84	3	79	79	2	74	74	2
Avg			1.63			2.25			2.25			2.25			2.00			1.75			2.00

Mr. Gajanan Meshram

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2020-21

Class: T.Y. B. Sc.

Sem V & VI

Semester	Course Code	Course Name	Course No.	Course Attainment
V & VI	Gg-331	Fundamentals of Human Geography (Part I)	CO1	1.63
	Gg-332	Geography of Travel and Tourism (Part I)	CO2	2.13
	Gg-333	Fundamentals of Geo-informatics (Part I)	CO3	1.88
	Gg-334	Geography of India (Part I)	CO4	2.63
	Gg-335	Geography of Soils (Part I)	CO5	2.00
	Gg-336	Fundamentals of Geo-informatics (Part I)	CO6	2.75
	Gg-341	Fundamentals of Human Geography (Part II)	CO7	2.00
	Gg-342	Geography of Travel and Tourism (Part II)	CO8	2.38
	Gg-343	Fundamentals of Geo-informatics (Part II)	CO9	1.63
	Gg-344	Geography of India (Part II)	CO10	2.25
	Gg-345	Geography of Soils (Part II)	CO11	2.25
	Gg-346	Fundamentals of Geo-informatics (Part II)	CO12	2.25
	Gg-347	Map Analysis and Field Work	CO13	2.00
	Gg-348	Techniques of Spatial Analysis	CO14	1.63
	Gg-349	Techniques in Geomorphology and Soil Analysis	CO15	1.88
			Avg	2.09


Mr. Gajanan Meshram

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

CO/PO/PSO Mapping (Direct Method) - Academic Year 2020-21

Class: T. Y. B. Sc.

Sem: V & VI

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	1	2	3	1	1	3	3	2	0	1	3	2	1	2
CO2	2	2	0	2	2	2	1	1	1	3	3	2	1	3	3
CO3	3	1	2	2	2	1	2	2	2	1	2	1	2	0	2
CO4	1	3	1	1	2	2	3	3	1	2	0	3	3	2	1
CO5	3	2	2	2	1	3	1	1	1	1	1	0	2	1	3
CO6	2	1	2	1	0	1	3	2	1	2	2	2	1	3	2
CO7	1	2	3	2	1	0	2	3	2	3	1	0	3	2	1
CO8	3	3	2	1	3	1	1	2	2	1	3	1	2	1	2
CO9	1	1	1	1	1	0	1	2	1	2	0	3	1	2	1
CO10	2	2	1	1	1	1	2	0	2	3	2	2	2	1	2
CO11	3	2	1	2	2	1	1	0	0	2	1	1	2	3	2
CO12	1	1	1	3	1	1	2	2	2	3	3	2	1	2	2
CO13	2	2	3	2	2	2	1	1	3	0	2	0	2	2	0
CO14	3	3	1	3	1	1	2	3	2	1	1	3	1	1	2
CO15	1	1	2	3	2	3	3	1	2	2	1	2	0	2	3
PO Attainment	2.09	2.12	2.07	2.01	2.09	2.11	2.11	2.06	2.04	2.16	2.15	2.06	2.12	2.16	2.08
Total PO	20.86									Total PSO	10.57				
Average PO	2.09									Average PSO	2.11				

Mr. Gajanan Meshram
Department of Geography
Arts, Science and Commerce College,
Indapur Taluk, Indapur Dist. Pune - 413106

Mr. Viresh Holikunde
Coordinator, IQAC
Arts, Science & Commerce College
Indapur Taluk, Indapur Dist. Pune - 413106

Dr. Sanjay Chakane
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR TALUK, INDAPUR DIST. PUNE

ITSMP's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Attainment Level of CO/PO/PSO - Academic Year 2020-21

Class: T. Y. B. Sc.

Sem: V & VI

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	2.09	1	1.67	0.20	1.87	2.09	2.11	4


Mr. Gajanan Meshram

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. Pune-413106



Mr. Viresh Holkunde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106


Dr. Sanjay Chakane

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ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST. PUNE

DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	CO Attainment Level	Target achievement	Justification
Sem III	CH331	Physical Chemistry	(CO1)	1.78	3	Satisfactorily achieved	
	CH332	Inorganic Chemistry	(CO2)	1.60	3	Satisfactorily achieved	
	CH333	Organic Chemistry	(CO3)	1.84	3	Satisfactorily achieved	
	CH334	Analytical Chemistry	(CO4)	1.33	2	Partially achieved	
	CH335	Industrial Chemistry	(CO5)	2.27	4	Significantly achieved	
SEM IV	CH336-E	Agriculture Chemistry	(CO6)	1.80	3	Satisfactorily achieved	
	CH341	Physical Chemistry	(CO7)	2.05	3	Satisfactorily achieved	
	CH 342	Inorganic Chemistry	(CO8)	2.50	4	Significantly achieved	
	CH.343	Organic Chemistry	(CO9)	1.64	3	Satisfactorily achieved	
	CH 344	Analytical Chemistry	(CO10)	1.75	3	Satisfactorily achieved	
	CH 345	Industrial Chemistry	(CO11)	2.37	4	Significantly achieved	
	CH 346-E	Dairy Chemistry	(CO12)	2.33	4	Significantly achieved	
	CH 347	Physical Chemistry Practical	(CO13)	1.82	3	Satisfactorily achieved	
	CH 348	Inorganic Chemistry Practical	(CO14)	2.27	4	Significantly achieved	
	CH 349	Organic Chemistry Practical	(CO15)	2.46	4	Significantly achieved	
			Total	30.41			
			Average	2.03			

[Signature]
Head
 Department Of Chemistry
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413108 DIST-PUNE

Attainment of CO (Indirect Method) Chemistry 2020-21

Sl. No.	Name of the student	Degree	Institute
1	Awate komal ankush	M. Sc.	A.S.C. College Indapur, Dist. Pune
2	Bande Seema Bhau	M. Sc.	A.S.C. College Indapur, Dist. Pune
3	Baravkar Aboli Bandu	M. Sc.	A.S.C. College Indapur, Dist. Pune
4	Bhoite Siddesh Ashok	M. Sc.	A.S.C. College Indapur, Dist. Pune
5	Bhosale Abhijeet Ajinath	M. Sc.	A.S.C. College Indapur, Dist. Pune
6	Borate priti sanja	M. Sc.	A.S.C. College Indapur, Dist. Pune
7	Chavan prashant mahadev	M. Sc.	A.S.C. College Indapur, Dist. Pune
8	Duchal vishal nandu	M. Sc.	A.S.C. College Indapur, Dist. Pune
9	Gaikwad Pranita Sanjay	M. Sc.	A.S.C. College Indapur, Dist. Pune
10	Galande Amar Shrikrushna	M. Sc.	A.S.C. College Indapur, Dist. Pune
11	Ghadage Harshada Dattatrya	M. Sc.	A.S.C. College Indapur, Dist. Pune
12	Godase Sapana Rajendra	M. Sc.	A.S.C. College Indapur, Dist. Pune
13	Godase Tanuja Namdev	M. Sc.	A.S.C. College Indapur, Dist. Pune
14	Jadhav punam baban	M. Sc.	A.S.C. College Indapur, Dist. Pune
15	Jagtap Aarti somnath	M. Sc.	A.S.C. College Indapur, Dist. Pune
16	Jagtap Sanket Baburao	M. Sc.	A.S.C. College Indapur, Dist. Pune
17	Kachare bharati nana	M. Sc.	A.S.C. College Indapur, Dist. Pune
18	Kalsait Shivani Sunil	M. Sc.	A.S.C. College Indapur, Dist. Pune
19	Khadke Sanjay rajendra	M. Sc.	A.S.C. College Indapur, Dist. Pune
20	Kharat Hanumant Namdev	M. Sc.	A.S.C. College Indapur, Dist. Pune
21	Kulkarni aparna balasaheb	M. Sc.	A.S.C. College Indapur, Dist. Pune
22	Lawand sudarshan balu	M. Sc.	A.S.C. College Indapur, Dist. Pune
23	Musale shyam santosh	M. Sc.	A.S.C. College Indapur, Dist. Pune
24	Nale Sujata Bharat	M. Sc.	A.S.C. College Indapur, Dist. Pune
25	Navale Shubhangi Dattatray	M. Sc.	A.S.C. College Indapur, Dist. Pune
26	Patil pooja mahadev	M. Sc.	A.S.C. College Indapur, Dist. Pune
27	Patil Priya Balasaheb	M. Sc.	A.S.C. College Indapur, Dist. Pune
28	Patil puja khanderao	M. Sc.	A.S.C. College Indapur, Dist. Pune
29	Pavane Samadhan Ankush	M. Sc.	A.S.C. College Indapur, Dist. Pune
30	Pawar Aarti Tukaram	M. Sc.	A.S.C. College Indapur, Dist. Pune
31	Pawar Rutuja Ankush	M. Sc.	A.S.C. College Indapur, Dist. Pune
32	Pawar vijay gorakh	M. Sc.	A.S.C. College Indapur, Dist. Pune
33	Pawar vijay Ramdas	M. Sc.	A.S.C. College Indapur, Dist. Pune
34	Phalphele Rohan Kisan	M. Sc.	A.S.C. College Indapur, Dist. Pune
35	Pondkule Ranjit Dilip	M. Sc.	A.S.C. College Indapur, Dist. Pune
36	Raskar nikhil hanumant	M. Sc.	A.S.C. College Indapur, Dist. Pune
37	Salunke pratiksha pandharinath	M. Sc.	A.S.C. College Indapur, Dist. Pune
38	Sarade Madhuri Uttreshwar	M. Sc.	A.S.C. College Indapur, Dist. Pune
39	Shaikh Nurmahammad Sultan	M. Sc.	A.S.C. College Indapur, Dist. Pune
40	Shelamkar suraj somnath	M. Sc.	A.S.C. College Indapur, Dist. Pune
41	Shende shrutika vijay	M. Sc.	A.S.C. College Indapur, Dist. Pune
42	Shende Shubhada	M. Sc.	A.S.C. College Indapur, Dist. Pune
43	Shende Vikas Chandrakant	M. Sc.	A.S.C. College Indapur, Dist. Pune
44	Shinde Madhuri Bhagwat	M. Sc.	A.S.C. College Indapur, Dist. Pune
45	Shirsat Avinash Sanjay	M. Sc.	A.S.C. College Indapur, Dist. Pune
46	Sirsat Ganesh sopan	M. Sc.	A.S.C. College Indapur, Dist. Pune


 Head
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Placement and Progression= 50.54%	
Level = 3 (High)	


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PRINCIPAL
 ARTS, SCIENCE AND
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 INDAPUR-413106 DIST-PUNE

DEPARTMENT OF CHEMISTRY (A.Y. 2020-21)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	CH331	Physical Chemistry	(CO1)	1.78
	CH332	Inorganic Chemistry	(CO2)	1.60
	CH333	Organic Chemistry	(CO3)	1.84
	CH334	Analytical Chemistry	(CO4)	1.33
	CH335	Industrial Chemistry	(CO5)	2.27
SEM IV	CH336-E	Agriculture Chemistry	(CO6)	1.80
	CH341	Physical Chemistry	(CO7)	2.05
	CH 342	Inorganic Chemistry	(CO8)	2.50
	CH.343	Organic Chemistry	(CO9)	1.64
	CH 344	Analytical Chemistry	(CO10)	1.75
Practical	CH 345	Industrial Chemistry	(CO11)	2.37
	CH 346-E	Dairy Chemistry	(CO12)	2.33
	CH 347	Physical Chemistry Practical	(CO13)	1.82
	CH 348	Inorganic Chemistry Practical	(CO14)	2.27
	CH 349	Organic Chemistry Practical	(CO15)	2.46
		Total		30.41
		Average		2.03

[Signature]
Head

Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune

[Signature]
Incharge

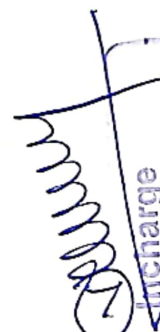
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INDAPUR-413106 DIST-PUNE

Attainment Level of PO-PSO-CO (A.Y.2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method		Attainment of CO	Average Attainment of PO	Average Attainment of PSO	PO/ PSO Level		
					II	I				Level	Target Attainment	Target Achievement
1	CHEMISTRY	2.03	3	1.62	0.6	2.22	I+II	2	2.01	4	2.0 - 2.01	Significantly achieved


 Head
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CO-PO/PSO Attainment (T.Y. Chemistry) 2020-21

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	3	2	0	2	2	2	3	0	2	2	1
Co2	3	2	3	3	2	0	3	2	2	3	1	2	3	0	1
Co3	3	2	3	3	2	2	0	2	1	2	0	0	3	1	1
Co4	3	2	3	3	2	1	2	2	0	1	3	2	1	0	3
Co5	3	3	2	2	0	0	2	2	1	1	1	1	1	3	2
Co6	3	3	3	3	2	1	0	2	2	3	2	2	0	2	1
Co7	3	1	3	3	3	2	0	2	2	2	3	0	2	2	1
Co8	3	2	3	3	2	0	3	2	2	3	1	2	3	0	1
Co9	3	2	3	3	2	1	2	2	0	1	3	2	1	0	3
Co10	3	3	3	2	0	1	1	2	3	1	2	1	1	3	3
Co11	3	3	2	2	0	0	2	2	1	1	1	1	1	3	2
Co12	3	3	3	3	2	1	0	2	2	3	2	2	0	2	1
Co13	2	2	3	3	2	2	3	2	2	3	2	3	3	3	3
Co14	2	2	3	3	3	2	2	2	2	3	1	2	3	3	3
Co15	2	2	3	3	2	2	3	2	2	3	2	3	2	3	3
Total	42	33	43	42	27	17	23	30	24	31	26	26	23	26	29
PO/PSO Attainment	1.97	2	1.97	1.98	1.96	1.96	2.03	1.99	2.04	2.1	1.99		2	2	1.97
Total PO	20										Total PSO	10.04			
Average PO	2										Average PSO	2.01			

[Signature]
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[Signature]
 Head
 Department Of Chemistry
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

- Attainment level for PO's / PSO's (2020-21) Chemistry

PO/ PSO Level	Target Attainment	Target Achievement
Level - 4	2.0 - 2.01	Significantly achieved PO/ PSO


Head
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 Arts, Science & Commerce
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Department of Mathematics T.Y.B.Sc. (AY 2020-21)
Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
III	91113	Mathematics Paper-I	CO1	2.26
	91123	Mathematics Paper-II	CO2	2.21
	91133	Mathematics Paper-III	CO3	3.00
	91143	Mathematics Paper-IV	CO4	2.30
	91153	Mathematics Paper-V	CO5	2.35
	91163	Mathematics Paper-VI	CO6	2.40
	91193	Mathematics Paper-IX	CO7	2.85
	911A3	Operaton Research	CO8	1.90
	911F3	Number Theory	CO9	2.70
IV	91114	Mathematics Paper-I	CO10	2.10
	91124	Mathematics Paper-II	CO11	2.50
	91134	Mathematics Paper-III	CO12	2.30
	91144	Mathematics Paper-IV	CO13	2.25
	91154	Mathematics Paper-V	CO14	2.70
	91164	Mathematics Paper-VI	CO15	2.40
	91194	Mathematics Paper-IX	CO16	3.00
	911A4	Optimization Techniques	CO17	2.10
	911 E4	Lebesgue Integration	CO18	3.00

Average =

2.46

HEAD

Department Of Mathematics
 Arts, Science & Commerce College
 Indapur (Pune)

Principal

Arts, Science & Commerce
 College Indapur, Dist. Pune

CO-PO-PSO Matrix T.Y.B.Sc. (AY 2020-21)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	2	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	3	3	3	3	2
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	1
CO6	1	1	1	0	1	1	1	1	1	1	1	1	1	1	2
CO7	2	2	2	2	0	2	2	2	2	2	2	2	2	2	3
CO8	0	2	3	3	3	3	3	3	3	3	3	3	3	3	2
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
CO10	1	1	1	0	1	1	1	1	1	1	0	1	1	1	2
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	1
CO12	1	2	1	1	0	1	1	1	1	1	1	1	1	1	2
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1
CO14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	0
CO15	2	2	2	0	2	2	2	2	2	2	2	2	2	2	1
CO16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
CO17	2	2	2	2	0	2	2	2	2	2	3	2	2	2	1
CO18	3	3	3	1	3	2	3	2	3	2	2	1.72	1.83	1.89	1.57
Attainment	1.61	1.72	1.89	1.50	1.44	1.83	1.89	1.83	1.89	1.83	1.83	1.72	1.83	1.89	1.79
Average											1.74				1.79

Head

Department Of Mathematics
PCC, Science & Commerce College
Indapur (Pune)

Principal

Arts, Science & Commerce
CCE, Indapur (Pune)

Dept. Of Mathematics T.Y.B.Sc. (AY 2020-21)
Course Attainment(Indirect Method)

Sr.No.	Name	Course	Institute
1	Aawle Pranit D.	IMCA	Dept. of Mathematics SPPU, Pune
2	Bedkute Pranjali S.	Software Development	Qspider, Deccan Pune
3	Jadhav Pooja V.	Job	SB Patil School Vangali Indapur
4	Kadam Kiran K.	IMCA	Dept. of Mathematics SPPU, Pune
5	Kale Jayashri B.	M.Sc.	Dept. of Mathematics SPPU Pune
6	Mengade Priyanka G.	M.Sc.	Tuljaram Chaturchand College Baramati
7	Nanaware Komal R.	M.Sc.	Tuljaram Chaturchand College Baramati
8	Nanaware Sonali M.	Software Testing	Fortune Cloud Technologies Manapa Pune
9	Shinde Somnath M.	IMCA	Dept. of Mathematics SPPU, Pune
10	Shinde Vaishnavi D.	Software Testing	Qspider, Deccan Pune

Placement and Progression = 50
 Level = 3

[Signature]
 H.E.D.
 Department Of Mathematics
 Science & Commerce College
 Indapur (Pune)

[Signature]
 Principal
 Arts, Science & Commerce
 College, Indapur, Dist Pune

Attainment Level of PO-PSO-CO T.Y.B.Sc. (AY 2020-21)							
No. Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of Indirect Method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO
					I+II		
Mathematics	2.46	3	1.968	0.5	2.568	2.46	2.47
							4

[Signature]

HEAD

Department of Mathematics
Commerce & Commerce College
Indapur (Pune)

[Signature]

Principal
Arts, Commerce & Commerce
College, Indapur (Pune)

Attainment Level of PO-PSO-CO T.Y.B.Sc. (AY 2020-21)								
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of Indirect Method	Attainment of CO		Average Attainment of PSO
						I+II	II	
1	Mathematics	2.46	3	1.968	0.6	2.568		2.46
								2.47
								4

(Signature)
HEAD

Department Of Mathematics
& Science & Commerce College
Indapur (Pune)

(Signature)

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Arts, Science & Commerce
College, Indapur, Dist. Pune

2020-21

Botany

Student	CO1			CO2			CO3			CO4			CO5		
	Marks	%	Co1 Attainment	Marks	%	Co2 Attainment	Marks	%	Co3 Attainment	Marks	%	Co4 Attainment	Marks	%	Co5 Attainment
S1	35	70	2	37	74	2	38	76	2	40	80	3	43	86	3
S2	40	80	3	43	86	3	36	72	2	35	70	2	46	92	3
S3	49	98	3	48	96	3	46	92	3	37	74	2	50	100	3
S4	39	78	2	39	78	2	42	84	3	37	74	2	39	78	2
S5	36	72	2	41	82	3	36	72	2	38	76	2	44	88	3
S6	47	94	3	44	88	3	44	88	3	40	80	3	44	88	3
S7	37	74	2	29	58	1	34	68	2	31	62	2	39	78	2
S8	35	70	2	43	86	3	24	48	1	25	50	1	36	72	2
S9	39	78	2	40	80	3	41	82	3	33	66	2	49	98	3
S10	38	76	2	39	78	2	36	72	2	30	60	2	36	72	2
S11	36	72	2	32	64	2	32	64	2	28	56	1	33	66	2
Average			2.2			2.4			2.2			2.0			2.5

Signature

Student	CO6				CO7				CO8				CO9				CO10			
	Marks	%	Co6 Attainmen t	Marks	%	Co7 Attainmen t	Marks	%	Co8 Attainment	Marks	%	Co9 Attainment t	Marks	%	Co10 Attainment	Marks	%	Co10 Attainment		
S1	38	76	2	41	82	3	37	74	2	31	62	2	40	80	3					
S2	40	80	3	39	78	2	31	62	2	39	78	2	40	80	3					
S3	38	76	2	38	76	2	39	78	2	31	62	2	41	82	3					
S4	36	72	2	36	72	2	36	72	2	35	70	2	40	80	3					
S5	40	80	3	39	78	2	37	74	2	35	70	2	35	70	2					
S6	41	82	3	48	96	3	43	86	3	41	82	3	49	98	3					
S7	37	74	2	41	82	3	35	70	2	43	86	3	42	84	3					
S8	41	82	3	45	92	3	41	82	3	32	64	2	32	64	2					
S9	44	88	3	39	78	2	38	76	2	42	84	3	40	80	3					
S10	43	86	3	35	70	2	35	70	2	39	78	2	39	78	2					
S11	43	86	3	49	98	3	38	76	2	32	64	2	31	62	2					
Average			2.6			2.4			2.1			2.2			2.6					
Student	CO11				CO12				CO13				CO14				CO15			
	Marks	%	Co11 Attainmen t	Marks	%	Co12 Attainmen t	Marks	%	Co13 Attainment	Marks	%	Co14 Attainmen t	Marks	%	Co15 Attainment	Marks	%	Co15 Attainment		
S1	43	86	3	38	76	2	79	79	2	91	91	3	87	87	3					
S2	35	70	2	40	80	3	88	88	3	91	91	3	95	95	3					
S3	38	76	2	36	72	2	99	99	3	99	99	3	99	99	3					
S4	27	54	2	36	72	2	86	86	3	88	88	3	92	92	3					
S5	37	74	2	42	84	3	88	88	3	89	89	3	85	85	3					
S6	36	72	2	45	90	3	97	97	3	97	97	3	97	97	3					
S7	34	68	2	34	68	2	63	63	2	63	63	2	68	68	2					
S8	23	46	2	29	58	2	74	74	2	81	81	3	74	74	2					
S9	38	76	2	41	82	3	91	91	3	93	93	3	95	95	3					
S10	29	58	2	41	82	3	80	80	3	90	90	3	90	90	3					

S11	32	64	2	32	64	2	83	83	83	3	88	3	85	3
Average			2.0			2.4				2.7		2.9		2.7

7/12/2022

DEPARTMENT OF BOTANY (A.Y. 2020-21)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem V	Bo.331	Cryptogamic Botany	(CO1)	2.2	4	Significantly achieved	
	Bo. 332	Cell Biology & Molecular Biology	(CO2)	2.4	4	Significantly achieved	
	Bo.333	Genetics & Evolution	(CO3)	2.2	4	Significantly achieved	Extra classes conducted, group discussion, question bank solved by students
	Bo.334	Spermatophyta & Paleobotany	(CO4)	2.0	3	Satisfactorily achieved	
	Bo.335	Horticulture & Floriculture	(CO5)	2.5	4	Significantly achieved	
	Bo.336	Computational Botany	(CO6)	2.6	5	Completely achieved	Extra classes conducted, group discussion, question bank solved by students
SEM VI	Bo.341	Plant Physiology & Biochemistry	(CO7)	2.4	4	Significantly achieved	
	Bo.342	Plant Ecology & Biodiversity	(CO8)	2.1	4	Significantly achieved	
	Bo.343	Plant pathology	(CO9)	2.2	4	Significantly achieved	
	Bo.344	Medicinal & Economic Botany	(CO10)	2.6	5	Completely achieved	
	Bo. 345	Plant Biotechnology	(CO11)	2.0	3	Satisfactorily achieved	
	Bo.346	Plant breeding & Seed technology	(CO12)	2.4	4	Significantly achieved	
	Bo. 347	Practical Paper I	(CO13)	2.7	5	Completely achieved	
	Bo. 348	Practical Paper II	(CO14)	2.9	5	Completely achieved	
	Bo. 349	Practical Paper III	(CO15)	2.7	5	Completely achieved	
			Total	33.2			
			Average	2.21			

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	3	2	-	2	2	2	3	-	2	2	1
Co2	-	2	3	3	2	-	3	2	2	3	-	2	3	-	1
Co3	1	2	3	3	2	2	-	1	1	2	-	-	3	1	1
Co4	3	2	3	3	2	-	-	2	2	1	3	2	1	-	3
Co5	3	3	2	2	-	2	-	3	1	1	1	-	1	3	2
Co6	1	3	3	3	-	1	2	2	-	3	-	2	2	-	1
Co7	-	1	3	3	2	-	3	-	-	2	-	3	1	1	2
Co8	3	2	3	3	2	3	1	2	3	2	3	2	3	2	2
Co9	2	2	3	3	1	1	1	3	2	3	3	3	2	-	1
Co10	3	3	3	2	-	1	1	3	3	1	2	1	1	3	3
Co11	1	3	3	1	1	1	3	1	3	3	-	3	3	1	1
Co12	3	3	3	1	2	1	3	1	3	2	-	2	3	2	1
Co13	3	2	3	3	2	2	3	2	2	3	2	3	3	3	3
Co14	1	2	3	3	3	2	2	1	2	3	1	2	3	3	3
Co15	1	2	3	3	2	2	3	2	2	3	2	3	2	3	3
PO/PSO Attainment	2.36	2.31	1.99	2.40	2.38	2.42	2.46	2.31	2.36	2.10	2.34	2.42	2.39	2.50	2.23
Total Po	23.09														
Average	2.30														
											Total Po	11.88			
											Average	2.376			

PO /PSO Direct Attainment =

$$\frac{\sum (\text{Overall CO attainment} \times \text{PO/PSO Level})}{\sum (\text{Level of mapping PO/PSO with CO})}$$

$\sum (\text{Level of mapping PO/PSO with CO})$

Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Pathan S. L.	Pharmacy	Venutai Chavan Pharmacy College, Phaltan
2.	Lokare R.B	M. Sc.	Modern College of Art's Science & Commerce College, Pune
3.	Kechhe S.B.	M. Sc.	SP College, Pune
4.	Nazia T. R.	M. Sc.	Ycmou, Indapur
5.	Gaikwad V. V.	M. Sc.	T. C. College, Baramati
6.	Mali K. S.	M.Sc.	T. C. College, Baramati

Placement & Progression = 54.54 %

Level = 3 (High)

Attainment Level of CO-PO-PSO (A.Y. 2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I-II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	BOTANY	2.21	3	1.76	0.60	2.36	2.30	2.37	Level 4

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[Signature]
Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
Head
 Department of Botany
 Arts, Science & Commerce
 College, Indapur Dist-Pune

Department Of Microbiology
Course Attainment for the Year 2020-21

Class – T.Y.B.Sc

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem V	MB.331	Medical Microbiology I	(CO1)	1.1	2	Partially achieved	Needs to improve concept
	MB. 332	Genetics and Molecular Biology I	(CO2)	2.1	4	Significantly achieved	
	MB.333	Enzymology	(CO3)	2	3	Satisfactorily achieved	Extra classes conducted, discussion, question bank solved by students
	MB.334	Immunology I	(CO4)	1.9	3	Satisfactorily achieved	Extra classes conducted, group discussion
	MB.335	Fermentation Technology I	(CO5)	1.6	3	Satisfactorily achieved	Extra classes conducted, discussion, question bank solved by students
SEM VI	MB.336	Food and Dairy Microbiology	(CO6)	2.7	5	Completely achieved	
	MB.341	Medical Microbiology II	(CO7)	2.9	5	Completely achieved	
	MB.342	Genetics and Molecular Biology II	(CO8)	1.4	2	Partially achieved	Needs to improve concept knowledge of subject
	MB.343	Metabolism	(CO9)	2.4	4	Significantly achieved	
	MB.344	Immunology II	(CO10)	1.9	3	Satisfactorily achieved	
	MB. 345	Fermentation Technology II	(CO11)	1.7	3	Satisfactorily achieved	
	MB.346	Soil & agricultural Microbiology	(CO12)	1.7	3	Satisfactorily achieved	
Practical	MB. 347	Practical Course I Applied Microbiology	(CO13)	2.5	4	Significantly achieved	
	MB. 348	Practical Course II Biochemistry & Genetics	(CO14)	2.5	4	Significantly achieved	
	MB. 349	Practical Course III Diagnostic Microbiology	(CO15)	2.5	4	Significantly achieved	
			Total	30.9			
			Average	2.06			

(Signature)
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Microbiology
Course Attainment (Direct Method) - Academic Year 2020-2021

Class-T.Y.B.Sc

Sem- V&VI

CO PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15
CO1	2	3	2	3	3	2	3	2	2	3	3	2	3	2	2
CO2	2	2	2	2	3	3	2	3	3	3	1	2	3	2	3
CO3	2	2	3	3	1	3	3	2	1	2	2	3	2	3	2
CO4	3	3	3	2	3	3	3	2	3	3	3	2	3	2	2
CO5	2	2	1	3	3	1	2	2	2	3	2	3	3	2	2
CO6	3	2	2	3	3	2	3	3	3	2	3	2	3	3	3
CO7	2	3	3	3	3	3	3	3	3	3	2	3	2	3	2
CO8	2	1	2	3	3	2	2	2	3	3	2	3	1	1	3
CO9	3	2	2	3	3	2	3	3	3	2	1	3	3	3	3
CO10	2	3	3	2	2	3	2	2	2	2	3	2	2	2	1
CO11	2	2	2	3	2	2	2	3	3	2	2	3	3	3	3
CO12	2	3	2	3	3	3	3	3	2	3	3	2	2	3	3
CO13	2	3	3	3	3	2	3	1	2	3	2	2	3	3	3
CO14	3	2	2	3	3	3	3	2	3	2	3	3	2	3	3
CO15	2	3	3	2	3	2	3	3	3	3	1	3	3	3	3
Total PO	34.0	36.0	35.0	41.0	41.0	36.0	40.0	36.0	38.0	39.0	33.0	37.0	38.0	39.0	38.0
Attainment	2.11	2.11	2.13	2.08	2.1	2.11	2.12	2.12	2.12	2.06	2.05	2.11	2.05	2.07	2.12
Ave	2.11										2.08				

HOD

H.O.D. of
Microbiology Department

Incharge

Incharge
Science Faculty
Arts, Science & Commerce
College Indapur, Dist. Pune

Principal

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Department of Microbiology
Course Attainment (Direct Method) - Academic Year 2020-21

Class- T.Y. B.Sc

Sem - V&VI

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem V	MB331	Medical Microbiology-I	(CO1)	1.1
	MB332	Genetics & Molecular Biology - I	(CO2)	2.1
	MB333	Enzymology	(CO3)	2
	MB334	Immunology -I	(CO4)	1.9
	MB335	Fermentation Technology-I	(CO5)	1.6
	MB336	Food & Dairy Microbiology	(CO6)	2.7
SEM VI	MB341	Medical Microbiology II	(CO7)	2.9
	MB342	Genetics & Molecular Biology - II	(CO8)	1.4
	MB343	Metabolism	(CO9)	2.4
	MB344	Immunology -II	(CO10)	1.9
	MB345	Fermentation Technology II	(CO11)	1.7
	MB346	Soil & Agricultural Microbiology	(CO12)	1.7
Practical	MB347	Practical Course I Applied Microbiology	(CO13)	2.5
	MB348	Practical Course II Biochemistry & Genetics	(CO14)	2.5
	MB349	Practical Course III Diagnostic Microbiology &	(CO15)	2.5
Total				30.9
Ave				2.06


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Microbiology Department


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Arts Science and Commerce College, Indapur, Dist. Pune

Department of Microbiology

Course Attainment (Indirect Method) - Academic Year 2020-21

Class : T.Y. B.Sc.

Sem V & VI

Sr.No.	Name of the Student	Degree	Institute
1	Phalphele Suraj Tanaji	M.Sc	ASC college Indapur
2	Falake Akshay Ashok	M.Sc	ASC college Indapur
3	Kavitake Abhijit Ajinath	M.Sc	VP College Baramati
4	Dhapate Sonali Santosh	M.Sc	TC College Baramati
5	Dhapate Prajwal Deepak	M.Sc	VP College Baramati
6	Devkate Reshma Lugaji	M.Sc	ASC college Indapur
7	Bondre Kumudini Mahadev	M.Sc	TC College Baramati
8	Gadhawe Aniket Laxman	M.Sc	ASC college Indapur
9	Jagtap Saurabh Ramdas	M.Sc	ASC college Indapur
10	Shinde Sudarshan Babasaheb	M.Sc	VP College Baramati
11	Raut Sakshi Sunil	M.Sc	ASC college Indapur
12	Chavan Nilesh Sunil	M.Sc	ASC college Indapur
13	Patil Pranoti Pratap	M.Sc	ASC college Indapur
14	Swami Pranav Virbhadra	M.Sc	ASC college Indapur
15	Kacharte Swapnil Vyanketesh	M.Sc	ASC college Indapur
16	Anpat Pooja Sandipan	M.Sc	ASC college Indapur
17	Thorat Kajal Bramhadev	M.Sc	ASC college Indapur

Placement & Progression = 38.63 %

Level - 2 (Moderate)

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ITSPM's Arts, Science & Commerce College, Indapur Dist. - Pune
Department Of Microbiology

Attainment Level of CO-PO-PSO (A.Y. 2020-21)

Class- T.Y.B.Sc

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	Microbiology	2.08	2	1.664	0.4	2.064	2.11	2.08	Level 3

Sem- V&VI

[Signature]

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Microbiology Department

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Zoology (20-21)

V-G

Department of Zoology (AY 2020-21)
Course Attainment (Direct Method)

Student Name	CO1			CO2			CO3			CO4			CO5			CO6			CO7			CO8			CO9																																																																																																																																																																																																																																																																																																																																																																																																								
	Mark	%	CO1 Attainment	Mark	%	CO2 Attainment	Mark	%	CO3 Attainment	Mark	%	CO4 Attainment	Mark	%	CO5 Attainment	Mark	%	CO6 Attainment	Mark	%	CO7 Attainment	Mark	%	CO8 Attainment	Mark	%	CO9 Attainment																																																																																																																																																																																																																																																																																																																																																																																																						
S1	40	80	2	40	80	2	44	88	3	33	66	2	38	76	2	44	88	3	33	66	2	43	86	1	40	80	2																																																																																																																																																																																																																																																																																																																																																																																																						
S2	37	74	2	42	84	3	41	82	3	39	78	3	32	64	2	49	98	3	24	48	1	45	90	3	46	92	2																																																																																																																																																																																																																																																																																																																																																																																																						
S3	33	66	2	45	90	3	43	86	3	42	84	3	36	72	2	50	100	3	36	72	2	44	88	3	38	76	2																																																																																																																																																																																																																																																																																																																																																																																																						
S4	36	72	2	31	62	2	39	78	2	31	62	2	39	78	2	44	88	3	26	52	1	31	62	2	36	72	2																																																																																																																																																																																																																																																																																																																																																																																																						
S5	29	58	1	41	82	3	42	84	3	39	78	2	35	70	2	47	94	3	25	50	1	37	74	2	34	68	2																																																																																																																																																																																																																																																																																																																																																																																																						
S6	36	72	2	47	94	3	48	96	3	40	80	2	35	70	2	50	100	3	25	50	1	37	74	2	34	68	2																																																																																																																																																																																																																																																																																																																																																																																																						
S7	31	62	2	50	100	3	48	96	3	42	84	3	44	88	3	50	100	3	41	82	2	3	42	84	1	3	42	84	1																																																																																																																																																																																																																																																																																																																																																																																																				
S8	25	50	1	34	68	2	35	70	2	33	66	2	32	64	2	49	98	3	39	78	2	3	42	84	1	3	42	84	1																																																																																																																																																																																																																																																																																																																																																																																																				
S9	26	52	1	41	82	2	42	84	2	31	62	2	29	58	1	49	98	3	35	70	2	38	76	2	34	68	2																																																																																																																																																																																																																																																																																																																																																																																																						
S10	31	62	2	27	54	1	28	56	1	32	64	2	20	40	0	23	46	1	22	44	1	33	66	2	21	42	1																																																																																																																																																																																																																																																																																																																																																																																																						
S11	34	68	2	46	92	3	43	86	3	41	82	2	37	74	2	48	96	3	33	66	2	48	96	3	47	94	2																																																																																																																																																																																																																																																																																																																																																																																																						
S12	40	80	2	41	82	3	39	78	2	35	70	2	37	74	2	48	96	3	34	68	2	44	88	3	41	82	2																																																																																																																																																																																																																																																																																																																																																																																																						
S13	37	74	2	45	90	3	43	86	3	41	82	3	32	64	2	50	100	3	34	68	2	44	88	3	41	82	2																																																																																																																																																																																																																																																																																																																																																																																																						
S14	24	48	1	39	78	2	35	70	2	30	60	1	33	66	2	43	86	3	30	60	1	40	80	2	36	72	2																																																																																																																																																																																																																																																																																																																																																																																																						
S15	36	72	2	44	88	3	46	92	3	38	76	2	36	72	2	48	96	3	31	62	2	40	80	2	37	74	2																																																																																																																																																																																																																																																																																																																																																																																																						
S16	28	56	1	31	62	2	30	60	1	27	54	1	28	56	1	35	70	2	10	20	0	28	56	1	27	54	1																																																																																																																																																																																																																																																																																																																																																																																																						
S17	35	70	2	42	84	3	45	90	3	41	82	3	34	68	2	48	96	3	31	62	2	45	90	3	40	80	2																																																																																																																																																																																																																																																																																																																																																																																																						
S18	32	64	2	46	92	3	38	76	2	31	62	2	24	48	1	45	90	3	28	56	1	41	82	2	3	42	84	1																																																																																																																																																																																																																																																																																																																																																																																																					
S19	26	52	1	45	90	3	46	92	3	38	76	2	28	56	1	50	100	3	23	46	1	34	68	2	37	74	2																																																																																																																																																																																																																																																																																																																																																																																																						
S20	29	58	1	35	70	2	36	72	2	34	68	2	25	50	1	48	96	3	28	56	1	41	82	2	3	42	84	1																																																																																																																																																																																																																																																																																																																																																																																																					
S21	36	72	2	35	70	2	39	78	2	40	80	2	40	80	2	48	96	3	16	32	0	21	42	1	15	30	0																																																																																																																																																																																																																																																																																																																																																																																																						
S22	0	0	0	4	8	0	20	40	1	0	0	0	0	0	0	8	16	3	7	14	0	8	16	0	23	46	1																																																																																																																																																																																																																																																																																																																																																																																																						
S23	39	78	2	43	86	3	37	74	2	38	76	2	34	68	2	48	96	3	7	14	0	8	16	0	23	46	1																																																																																																																																																																																																																																																																																																																																																																																																						
S24	32	64	2	38	76	2	43	86	3	28	56	1	30	60	1	49	98	3	23	46	1	33	66	2	24	48	1																																																																																																																																																																																																																																																																																																																																																																																																						
S25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																																						
S26	26	52	1	35	70	2	41	82	3	9	18	0	42	84	3	50	100	3	24	48	1	39	78	2	36	72	2																																																																																																																																																																																																																																																																																																																																																																																																						
S27	29	58	1	38	76	2	39	78	2	35	70	2	30	60	1	43	86	3	33	66	2	40	80	2	38	76	2																																																																																																																																																																																																																																																																																																																																																																																																						
S28	40	80	2	46	92	3	46	92	3	38	76	2	30	60	1	43	86	3	38	76	2	38	76	2	39	78	2																																																																																																																																																																																																																																																																																																																																																																																																						
S29	37	74	2	43	86	3	30	60	1	37	74	2	30	60	1	45	90	3	25	50	1	32	64	2	28	56	1																																																																																																																																																																																																																																																																																																																																																																																																						
S30	34	68	2	40	80	2	38	76	2	42	84	3	25	50	1	43	86	3	27	54	1	38	76	2	3	42	84	1																																																																																																																																																																																																																																																																																																																																																																																																					
S31	29	58	1	43	86	3	44	88	3	34	68	2	31	62	2	48	96	3	31	62	2	43	86	3	43	86	3																																																																																																																																																																																																																																																																																																																																																																																																						
S32	4	8	0	5	10	0	7	14	0	4	8	0	30	60	1	0	0	0	0	0	0	0	0	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																																						
S33	30	60	1	29	58	1	32	64	2	42	84	3	28	56	1	48	96	3	26	52	1	38	76	2	31	62	2																																																																																																																																																																																																																																																																																																																																																																																																						
S34	30	60	1	41	82	2	34	68	2	44	88	3	32	64	2	48	96	3	23	46	1	42	84	2	3	42	84	1																																																																																																																																																																																																																																																																																																																																																																																																					
S35	32	64	2	40	80	2	43	86	3	50	100	3	31	62	2	43	86	3	32	64	2	40	80	2	3	42	84	1																																																																																																																																																																																																																																																																																																																																																																																																					
S36	36	72	2	42	84	3	44	88	3	38	76	2	32	64	2	48	96	3	28	56	1	44	88	3	35	70	2																																																																																																																																																																																																																																																																																																																																																																																																						
S37	36	72	2	31	62	2	41	82	2	38	76	2	27	54	1	41	82	2	30	60	1	33	66	2	33	66	2																																																																																																																																																																																																																																																																																																																																																																																																						
S38	29	58	1	45	90	3	40	80	2	34	68	2	29	58	1	45	90	3	29	58	1	45	90	3	40	80	2																																																																																																																																																																																																																																																																																																																																																																																																						
S39	37	74	2	39	78	2	41	82	3	42	84	3	29	58	1	45	90	3	29	58	1	45	90	3	40	80	2																																																																																																																																																																																																																																																																																																																																																																																																						
																		81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181	81.81818181818181																																																																																																																																																																																																																																																																																																																																																																																																
																		27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5

Average

31.1 60.6 1.51280513 38 71.30769231 2.307692308 38.68421053 75.38461538 2.307692308 31 60.61538462 1.56410256 43 84.15384615 2.66666667 27.5 33.5 1.36410256 38 74.5 2.25810256 34 67 1.83812821

Manoj K

Dr. J. P. Sarwade

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Head

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CO10			CO11			CO12			CO13			CO14			CO15		
Mark	%	CO10 Unweighted	Mark	%	CO11 Unweighted	Mark	%	CO12 Unweighted	Mark	%	CO13 Unweighted	Mark	%	CO14 Unweighted	Mark	%	CO15 Unweighted
34	70	2.34	68	86	2.06	90	3	92	92	3	98	98	3	98	98	3	98
35	71	2.44	69	87	2.16	91	3	93	93	3	99	99	3	99	99	3	99
36	72	2.54	70	88	2.26	92	3	94	94	3	100	100	3	100	100	3	100
37	73	2.64	71	89	2.36	93	3	95	95	3	101	101	3	101	101	3	101
38	74	2.74	72	90	2.46	94	3	96	96	3	102	102	3	102	102	3	102
39	75	2.84	73	91	2.56	95	3	97	97	3	103	103	3	103	103	3	103
40	76	2.94	74	92	2.66	96	3	98	98	3	104	104	3	104	104	3	104
41	77	3.04	75	93	2.76	97	3	99	99	3	105	105	3	105	105	3	105
42	78	3.14	76	94	2.86	98	3	100	100	3	106	106	3	106	106	3	106
43	79	3.24	77	95	2.96	99	3	101	101	3	107	107	3	107	107	3	107
44	80	3.34	78	96	3.06	100	3	102	102	3	108	108	3	108	108	3	108
45	81	3.44	79	97	3.16	101	3	103	103	3	109	109	3	109	109	3	109
46	82	3.54	80	98	3.26	102	3	104	104	3	110	110	3	110	110	3	110
47	83	3.64	81	99	3.36	103	3	105	105	3	111	111	3	111	111	3	111
48	84	3.74	82	100	3.46	104	3	106	106	3	112	112	3	112	112	3	112
49	85	3.84	83	101	3.56	105	3	107	107	3	113	113	3	113	113	3	113
50	86	3.94	84	102	3.66	106	3	108	108	3	114	114	3	114	114	3	114
51	87	4.04	85	103	3.76	107	3	109	109	3	115	115	3	115	115	3	115
52	88	4.14	86	104	3.86	108	3	110	110	3	116	116	3	116	116	3	116
53	89	4.24	87	105	3.96	109	3	111	111	3	117	117	3	117	117	3	117
54	90	4.34	88	106	4.06	110	3	112	112	3	118	118	3	118	118	3	118
55	91	4.44	89	107	4.16	111	3	113	113	3	119	119	3	119	119	3	119
56	92	4.54	90	108	4.26	112	3	114	114	3	120	120	3	120	120	3	120
57	93	4.64	91	109	4.36	113	3	115	115	3	121	121	3	121	121	3	121
58	94	4.74	92	110	4.46	114	3	116	116	3	122	122	3	122	122	3	122
59	95	4.84	93	111	4.56	115	3	117	117	3	123	123	3	123	123	3	123
60	96	4.94	94	112	4.66	116	3	118	118	3	124	124	3	124	124	3	124
61	97	5.04	95	113	4.76	117	3	119	119	3	125	125	3	125	125	3	125
62	98	5.14	96	114	4.86	118	3	120	120	3	126	126	3	126	126	3	126
63	99	5.24	97	115	4.96	119	3	121	121	3	127	127	3	127	127	3	127
64	100	5.34	98	116	5.06	120	3	122	122	3	128	128	3	128	128	3	128
65			99	117	5.16	121	3	123	123	3	129	129	3	129	129	3	129
66			100	118	5.26	122	3	124	124	3	130	130	3	130	130	3	130
67				119	5.36	123	3	125	125	3	131	131	3	131	131	3	131
68				120	5.46	124	3	126	126	3	132	132	3	132	132	3	132
69				121	5.56	125	3	127	127	3	133	133	3	133	133	3	133
70				122	5.66	126	3	128	128	3	134	134	3	134	134	3	134
71				123	5.76	127	3	129	129	3	135	135	3	135	135	3	135
72				124	5.86	128	3	130	130	3	136	136	3	136	136	3	136
73				125	5.96	129	3	131	131	3	137	137	3	137	137	3	137
74				126	6.06	130	3	132	132	3	138	138	3	138	138	3	138
75				127	6.16	131	3	133	133	3	139	139	3	139	139	3	139
76				128	6.26	132	3	134	134	3	140	140	3	140	140	3	140
77				129	6.36	133	3	135	135	3	141	141	3	141	141	3	141
78				130	6.46	134	3	136	136	3	142	142	3	142	142	3	142
79				131	6.56	135	3	137	137	3	143	143	3	143	143	3	143
80				132	6.66	136	3	138	138	3	144	144	3	144	144	3	144
81				133	6.76	137	3	139	139	3	145	145	3	145	145	3	145
82				134	6.86	138	3	140	140	3	146	146	3	146	146	3	146
83				135	6.96	139	3	141	141	3	147	147	3	147	147	3	147
84				136	7.06	140	3	142	142	3	148	148	3	148	148	3	148
85				137	7.16	141	3	143	143	3	149	149	3	149	149	3	149
86				138	7.26	142	3	144	144	3	150	150	3	150	150	3	150
87				139	7.36	143	3	145	145	3	151	151	3	151	151	3	151
88				140	7.46	144	3	146	146	3	152	152	3	152	152	3	152
89				141	7.56	145	3	147	147	3	153	153	3	153	153	3	153
90				142	7.66	146	3	148	148	3	154	154	3	154	154	3	154
91				143	7.76	147	3	149	149	3	155	155	3	155	155	3	155
92				144	7.86	148	3	150	150	3	156	156	3	156	156	3	156
93				145	7.96	149	3	151	151	3	157	157	3	157	157	3	157
94				146	8.06	150	3	152	152	3	158	158	3	158	158	3	158
95				147	8.16	151	3	153	153	3	159	159	3	159	159	3	159
96				148	8.26	152	3	154	154	3	160	160	3	160	160	3	160
97				149	8.36	153	3	155	155	3	161	161	3	161	161	3	161
98				150	8.46	154	3	156	156	3	162	162	3	162	162	3	162
99				151	8.56	155	3	157	157	3	163	163	3	163	163	3	163
100				152	8.66	156	3	158	158	3	164	164	3	164	164	3	164

Dr. J. P. Sarwade

Dr. J. P. Sarwade

M.Sc. Ph.D. FRS (India) (Israel)

Head

PG Department of Zoology,

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Department of Zoology (2020-21) Course attainment by Direct method B.Sc. Zoology					
Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
91513	ZY-331 Animal Systematics and Diversity	CO1	1.51	Satisfactorily achieved	
91523	ZY-332 Mammalian Histology	CO2	2.30	Significantly achieved	
91533	ZY-333 Biological Chemistry	CO3	2.30	Significantly achieved	
91543	ZY-334 Environmental Biology and Toxicology	CO4	1.94	Satisfactorily achieved	
91553	ZY-335 Parasitology	CO5	1.56	Satisfactorily achieved	
915B3	ZY-336 General Pathology or Cell Biology	CO6	2.66	Completely achieved	
91514	ZY-341 Biological Techniques	CO7	1.25	Partially achieved	Need to improve by taking extra classes
91524	ZY-342 Mammalian Physiology and Endocrine	CO8	2.25	Significantly achieved	
91534	ZY-343 Genetics and Molecular Biology	CO9	1.82	Satisfactorily achieved	
91544	ZY-344 Organic Evolution	CO10	1.64	Satisfactorily achieved	
91554	ZY-345 General Embryology	CO11	1.87	Satisfactorily achieved	
91574	ZY-347 (Semester III & IV) Practical Paper I	CO12	2.56	Completely achieved	
91584	ZY-348 (Semester III & IV) Practical Paper II	CO13	2.58	Completely achieved	
91594	ZY-349 (Semester III & IV) Practical Paper III	CO14	2.54	Completely achieved	
915B4	ZY-346 Public Health and Hygiene or Medical Entomology	CO15	1.62	Satisfactorily achieved	
			30.40		
			2.03	Significantly achieved	

Manoj K

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M.Sc. Ph.D. F.Z.S. (Israel)

Head

PG Department of Zoology

Arts, Science & Commerce College

Indapur Dist. Pune-413106

Attainment of CO (Indirect Method) 2020-21			
Sr. No.	Name of the student	Degree/profession	Institute
1	Chavan Madhuri	M.SC	A S C College Indapur
2	Dange	M.SC	A S C College Indapur
3	Thore pornima	M.SC	A S C College Indapur
	Placement and Progression	7.69	
	Level =	1	

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CO-PO/PSO Mapping (Direct Method) 2023-24															
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	3	3	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO7	2	2	2	2	0	2	2	2	2	2	2	2	2	2	2
CO8	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Total	23	25	28	28	25	20	28	28	28	28	25	25	28	28	26
attainment	1.93	2.00	2.00	1.94	2.04	2.00	2.00	2.00	2.00	2.00	1.99	2.00	2.00	2.00	2.03
Total	19.91										10.02				
Average	1.99										2.00				

Sanwade

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Attainment Level of PO-PSO-CO (2020-21) BSc Zoology									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)		20% of Average attainment of indirect method		Attainment of CO	Level of attainment
				(I)		II			
1	Zoology	2.03	1	1.62	0.2	1.82	1.99	2	level 3
Target Achievement									Satisfactorily achieved CO/PO/ PSO

Sanjeev

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DEPARTMENT OF PHYSICS (A.Y. 2020-21)

Course Attainment(Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem V	PH331	Mathematical methods in physics II	(CO1)	1.76
	PH 332	Solid state Physics	(CO2)	1.76
	PH 333	Classical Mechanics	(CO3)	2.14
	PH 334	Atomic and Molecular Physics	(CO4)	1.86
	PH 335	Computational Physics	(CO5)	2.14
	PH336	Astronomy and astrophysics	(CO6)	1.53
SEM VI	PH341	Classical Electrodynamics	(CO7)	2.33
	PH 342	Quantum Mechanics	(CO8)	1.95
	PH 343	Thermodynamics and Statistical Physics	(CO9)	1.71
	PH 344	Nuclear Physics	(CO10)	2.38
	PH 345	Electronics/Advanced Electronics Electronics	(CO11)	2.47
	PH346	Lasers	(CO12)	2.33
Practical	PH347	Laboratory Course I	(CO13)	3
	PH348	Laboratory Course II	(CO14)	3
	PH349	Laboratory Course III (Project)	(CO15)	3
			Total	33.36
			Average	2.224

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	CO Atta.	PO1	CO *PO 1	PO2	CO *PO 2	PO 3	CO *PO 3	PO 4	CO *PO 4	PO 5	CO *PO 5	PO 6	CO *PO 6	PO 7	CO *PO 7	PO 8	CO *PO 8	PO 9	CO *PO 9	PO 10	CO *PO 10	PS PO 1	CO* PSO 1	PS PO 2	CO* PSO 2	PS PO 3	CO* PSO 3	PS PO 4	CO* PSO 4	PS PO 5	CO* PSO 5
Co1	1.76	3	5.28	2	3.52	3	5.28	3	5.28	3	5.28	2	3.52	1	1.76	2	3.52	2	3.52	2	3.52	3	5.28	1	1.76	2	3.52	2	3.52	1	1.76
Co2	1.76	3	5.28	2	3.52	3	5.28	3	5.28	2	3.52	1	1.76	3	5.28	2	3.52	2	3.52	3	5.28	1	1.76	2	3.52	3	5.28	1	1.76	1	1.76
Co 3	2.14	3	6.42	2	4.28	3	6.42	3	6.42	2	4.28	2	4.28	1	2.14	2	4.28	1	2.14	2	4.28	1	2.14	2	4.28	3	6.42	1	2.14	1	2.14
Co 4	1.86	3	5.58	2	3.72	3	5.58	3	5.58	2	3.72	1	1.86	2	3.72	2	3.72	1	1.86	1	1.86	3	5.58	2	3.72	1	1.86	1	1.86	3	5.58
Co 5	2.14	3	6.42	3	6.42	2	4.28	2	4.28	1	2.14	1	2.14	2	4.28	2	4.28	1	2.14	1	2.14	1	2.14	1	2.14	1	2.14	3	6.42	2	4.28
Co 6	1.52	3	4.56	3	4.56	3	4.56	3	4.56	2	3.04	1	1.52	1	1.52	2	3.04	2	3.04	3	4.56	2	3.04	2	3.04	1	1.52	2	3.04	1	1.52
Co 7	2.33	3	6.99	2	4.66	3	6.99	3	6.99	3	6.99	2	4.66	1	2.33	2	4.66	2	4.66	2	4.66	3	6.99	2	4.66	2	4.66	2	4.66	1	2.33
Co 8	1.95	3	5.85	2	3.9	3	5.85	2	3.9	2	3.9	1	1.95	3	5.85	2	3.9	2	3.9	3	5.85	1	1.95	2	3.9	3	5.85	1	1.95	1	1.95
Co 9	1.71	3	5.13	2	3.42	3	5.13	3	5.13	2	3.42	1	1.71	2	3.42	2	3.42	1	1.71	2	3.42	3	5.13	2	3.42	1	1.71	1	1	3	5.13
Co 10	2.38	3	7.14	3	7.14	3	7.14	3	7.14	1	2.38	1	2.38	1	2.38	2	4.76	3	7.14	1	2.38	2	4.76	1	2.38	1	2.38	3	7.14	3	7.14
Co 11	2.47	3	7.41	3	7.41	2	4.94	2	4.94	1	2.47	1	2.47	2	4.94	2	4.94	2	4.94	2	4.94	1	2.47	1	2.47	1	2.47	3	7.41	2	4.94
Co 12	2.33	3	6.99	3	6.99	3	6.99	3	6.99	2	4.66	1	2.33	1	2.33	2	4.66	2	4.66	3	6.99	2	4.66	2	4.66	1	2.33	2	4.66	1	2.33
Co 13	3	2	6	3	9	3	9	3	9	2	6	2	6	3	9	2	6	2	6	3	9	2	6	3	9	3	9	3	9	3	9
Co 14	3	2	6	2	6	3	9	3	9	3	9	2	6	2	6	2	6	2	6	3	9	1	3	2	6	3	9	3	9	3	9
Co 15	3	2	6	2	6	3	9	3	9	2	6	2	6	3	9	2	6	2	6	3	9	2	6	3	9	2	6	3	9	3	9
Total	33.35	42	91.05	33	80.54	43	95.44	42	93.49	30	66.8	21	48.58	27	63.95	30	66.7	24	61.23	31	76.88	26	60.9	23	63.95	26	64.14	27	72.56	29	67.86
PO/PS O Attainment			2.16		2.44		2.21		2.22		2.22		2.31		2.36		2.22				2.48		2.55		2.78		2.46		2.68		2.34
Ave. Att.	2.22																														
Total PO	23.21			Average =	2.32																Total PSO	12.61		2.523							

Attainment of CO (Indirect method)

Sr. No.	Name of the students	Degree	Institute/College
1	Yadav Shital Anil	M.Sc.	A.S.C. College, Indapur
2	Dhaigude Shital Dasharath	M.Sc.	A.S.C. College, Indapur
3	Petkar Rani Rajendra	M.Sc.	A.S.C. College, Indapur
4	Giranjee Navnath Ravsaheb	M.Sc.	A.S.C. College, Indapur
5	Gaikwad Dnyanraj Baban	M.Sc.	A.S.C. College, Indapur
6	More Trimbak Kundalik	M.Sc.	A.S.C. College, Indapur
7	Raut Sakshi Sopan	M.Sc.	A.S.C. College, Indapur

Attainment Level CO-PO- PSO

Sr. No	Department	Average attainment of course by direct method	Average attainment of course by indirect method	80% average attainment of course by direct method I	20% average attainment of course by direct method II	Attainment of CO I+II	Average Attainment of PO	Average attainment of PSO	Attainment Level PO/ PSO
1	Physics	2.22	2.32	1.77	0.46	2.23	2.22	2.52	Level 4

[Signature]
Head
 Department of Physics
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
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DEPARTMENT OF PHYSICS (A.Y. 2021-22)

Course Attainment(Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem V	PH331	Mathematical methods in physics II	(CO1)	2.26
	PH 332	Solid state Physics	(CO2)	2.52
	PH 333	Classical Mechanics	(CO3)	2.05
	PH 334	Atomic and Molecular Physics	(CO4)	2.47
	PH 335	Computational Physics	(CO5)	2.21
	PH336	Astronomy and astrophysics	(CO6)	2.1
				2.1
SEM VI	PH341	Classical Electrodynamics	(CO7)	1.68
	PH 342	Quantum Mechanics	(CO8)	2.94
	PH 343	Thermodynamics and Statistical Physics	(CO9)	2.94
	PH 344	Nuclear Physics	(CO10)	2.94
	PH 345	Electronics/Advanced Electronics Electronics	(CO11)	1.57
	PH346	Lasers	(CO12)	2.1
Practical	PH347	Laboratory Course I	(CO13)	1.89
	PH348	Laboratory Course II	(CO14)	1.23
	PH349	Laboratory Course III (Project)	(CO15)	1
			Total	48.28
			Average	2.19

Department of Political Science (T.Y. B.A. 2020-21)

Course Attainment (Direct Method)

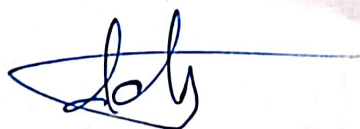
Semester	Course Code	Course Name	Course No.	Course Attainment	Target Achieved	Justification
Annual	(G3) 3167	Political Ideology	(CO1)	1.92	Satisfactorily achieved	Extra classes were taken
	(S3) 3168	Public Administration	(CO2)	2.0	Significantly achieved	Extra classes were taken
	(S4) 3169	International Politics	(CO3)	1.78	Satisfactorily achieved	Extra classes were taken
			Total	5.7		
			Average	1.9	Satisfactorily achieved	


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CO-PO/PSO Mapping(Direct Method) (T.Y. Political Science) 2020-21

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	1	3	2	1	3	2	3	2	1	1	2	1	1	2
Co2	1	2	2	3	1	1	3	2	1	2	2	3	1	2	1
Co3	2	2	1	1	3	3	1	3	1	2	2	1	2	2	2
Total	5	5	6	6	5	7	4	8	4	5	5	6	4	5	5
PO/PSO Attainment	1.66	1.66	2	2	1.66	1.4	2.33	2.66	1.33	1.66	1.66	2	1.33	1.66	1.66
Total PO	18.3											Total PSO	8.3		
Average PO	1.83											Average PSO	2.77		
PO												PSO			



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Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Shembade Sushma Rajendra	M.A.	A.S.C. College Indapur
2.	Bandgar Akshay Dattatray	M.A.	A.S.C. College Indapur
3.	Bhong Mayuri Balu	M.A.	A.S.C. College Indapur
4.	Bidave Vaibhav Uttam	M.A.	A.S.C. College Indapur
5.	Choramale Vaibhav Arjun	M.A.	A.S.C. College Indapur
6.	Devkar Saurabh Dnyaneshwer	M.A.	A.S.C. College Indapur
7.	Gosavi Harshali Ankush	M.A.	A.S.C. College Indapur
8.	Jagtap Mahendra Ganesh	M.A.	A.S.C. College Indapur
9.	Kale Akash Janardhan	B.Ed.	V.P. College Baramati
10.	Kambale Gopal Vijay	M.A.	A.S.C. College Indapur
11.	Mahajan Yogi Gopal	L.L.B.	Ashokdada Sable Law College ,Mangav
12.	Parade Madhuri Nana	M.A.	A.S.C. College Indapur
13.	Pawar Shivam Sharad	M.A.	A.S.C. College Indapur
14.	Shinde Mahadev Pandurang	M.A.	A.S.C. College Indapur
15.	Thorat Sandip Dattatray	M.A.	A.S.C. College Indapur
16.	Makhare Akash Sunil	L.L.B.	SNBP College Pimpri Pune

Placement & Progression = 35.55 %

Level = 2 (Moderate)

Attainment Level of CO-PO-PSO (A.Y. 2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.9	2	1.52	0.40	2.36	1.83	2.77	Level 4


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DEPARTMENT OF PHYSICS M.Sc. (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course No.	Course Attainment
SEM- 3	20331	Paper I	1.48
	20332	Paper II	2.40
	20333	Paper III	1.85
	20334M 2P	Paper IV	1.66
	20334M 2T	Paper IV	2.07
	20335	Paper V	2.14
SEM -4	20431	Paper I	1.40
	20432	Paper II	1.18
	20433A2 P	Paper III	2.22
	20433A2 T	Paper III	2.07
	20434M 2P	Paper IV	2.33
	20434M 2T	Paper IV	1.92
	20435	Paper V	1.51
		Total	25.29
		Average	1.94

CO-PO/PSO Mapping (Direct Method)

CO- PO Matrix	CO Att a.	PO 1	CO *P O1	PO 2	CO *P O2	PO 3	CO *P O3	PO 4	CO *P O4	PO 5	CO *P O5	PO 6	CO *P O6	PO 7	CO *P O7	PO 8	CO *P O8	PO 9	CO *P O9	PO 10	CO *P O10	PO 11	CO *P O11	PO 12	CO *P O12	PO 13	CO *P O13	PO 14	CO *P O14	PO 15	CO *P O15	PO 16	CO *P O16	PO 17	CO *P O17	PO 18	CO *P O18	PO 19	CO *P O19	PO 20	CO *P O20	PO 21	CO *P O21	PO 22	CO *P O22	PO 23	CO *P O23	PO 24	CO *P O24	PO 25	CO *P O25	PO 26	CO *P O26	PO 27	CO *P O27	PO 28	CO *P O28	PO 29	CO *P O29	PO 30	CO *P O30	PO 31	CO *P O31	PO 32	CO *P O32	PO 33	CO *P O33	PO 34	CO *P O34	PO 35	CO *P O35	PO 36	CO *P O36	PO 37	CO *P O37	PO 38	CO *P O38	PO 39	CO *P O39	PO 40	CO *P O40	PO 41	CO *P O41	PO 42	CO *P O42	PO 43	CO *P O43	PO 44	CO *P O44	PO 45	CO *P O45	PO 46	CO *P O46	PO 47	CO *P O47	PO 48	CO *P O48	PO 49	CO *P O49	PO 50	CO *P O50	PO 51	CO *P O51	PO 52	CO *P O52	PO 53	CO *P O53	PO 54	CO *P O54	PO 55	CO *P O55	PO 56	CO *P O56	PO 57	CO *P O57	PO 58	CO *P O58	PO 59	CO *P O59	PO 60	CO *P O60	PO 61	CO *P O61	PO 62	CO *P O62	PO 63	CO *P O63	PO 64	CO *P O64	PO 65	CO *P O65	PO 66	CO *P O66	PO 67	CO *P O67	PO 68	CO *P O68	PO 69	CO *P O69	PO 70	CO *P O70	PO 71	CO *P O71	PO 72	CO *P O72	PO 73	CO *P O73	PO 74	CO *P O74	PO 75	CO *P O75	PO 76	CO *P O76	PO 77	CO *P O77	PO 78	CO *P O78	PO 79	CO *P O79	PO 80	CO *P O80	PO 81	CO *P O81	PO 82	CO *P O82	PO 83	CO *P O83	PO 84	CO *P O84	PO 85	CO *P O85	PO 86	CO *P O86	PO 87	CO *P O87	PO 88	CO *P O88	PO 89	CO *P O89	PO 90	CO *P O90	PO 91	CO *P O91	PO 92	CO *P O92	PO 93	CO *P O93	PO 94	CO *P O94	PO 95	CO *P O95	PO 96	CO *P O96	PO 97	CO *P O97	PO 98	CO *P O98	PO 99	CO *P O99	PO 100	CO *P O100	PO 101	CO *P O101	PO 102	CO *P O102	PO 103	CO *P O103	PO 104	CO *P O104	PO 105	CO *P O105	PO 106	CO *P O106	PO 107	CO *P O107	PO 108	CO *P O108	PO 109	CO *P O109	PO 110	CO *P O110	PO 111	CO *P O111	PO 112	CO *P O112	PO 113	CO *P O113	PO 114	CO *P O114	PO 115	CO *P O115	PO 116	CO *P O116	PO 117	CO *P O117	PO 118	CO *P O118	PO 119	CO *P O119	PO 120	CO *P O120	PO 121	CO *P O121	PO 122	CO *P O122	PO 123	CO *P O123	PO 124	CO *P O124	PO 125	CO *P O125	PO 126	CO *P O126	PO 127	CO *P O127	PO 128	CO *P O128	PO 129	CO *P O129	PO 130	CO *P O130	PO 131	CO *P O131	PO 132	CO *P O132	PO 133	CO *P O133	PO 134	CO *P O134	PO 135	CO *P O135	PO 136	CO *P O136	PO 137	CO *P O137	PO 138	CO *P O138	PO 139	CO *P O139	PO 140	CO *P O140	PO 141	CO *P O141	PO 142	CO *P O142	PO 143	CO *P O143	PO 144	CO *P O144	PO 145	CO *P O145	PO 146	CO *P O146	PO 147	CO *P
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Co 13	1.5 1	3	4.5 3	1	1.5 1	3	4.5 3	2	3.0 2	2	3.0 2	1	1.5 1	2	3.0 2	1	1.5 1	3	4.5 3	2	3.0 2	2	3.0 2	1	1.5 1	3	4.5 3	2	3.0 2	
Tot al	25. 34	2 6	50. 99	2 6	50. 33	3 2	60. 69	3 1	60. 15	2 8	53. 84	2 9	57. 26	2 6	54. 88	2 6	51. 47	3 1	59. 3	2 8	58. 14	2 9	55. 97	27	57. 73	3 1	59. 35	2 9	51. 73	
Net Soc Sec Con trib uti on			1.9 611 538 5		1.9 357 692 3		1.8 96 56 25		1.9 403 225 8		1.9 228 571 4		1.9 744 827 6		2.1 107 692 3		1.9 796 153 8		1.9 129 032 3		2.0 76 43		1.9 3		2.1 381 481 5		1.9 145 161 3		1.7 83 79 31	
Net r. Att .	1.1 518 181 8																													
Tot al PO	23. 53	Av er ag e	1.971 0864 47																			Tot al PS O	100 5611 255	Av er ag e	2.01 122 251 1					

Attainment of CO (Indirect method)

Sr. No	Name of the students	Degree	Institute/College
1	Kangude Gauri Shatrughn	M.Sc.	A.S.C. College, Indapur
2	Kudale Dasharath Ramchandra	M.Sc.	Arts College, Bhigwan

Attainment Level CO-PO- PSO

Sr. No	Department	Average attainment of course by direct method	Average attainment of course by indirect method	80% average attainment of course by direct method	20% average attainment of course by direct method II	Attainment of CO I+II	Average Attainment of PO	Average attainment of PSO	Attainment Level PO/ PSO
1	Physics	1.94	1	1.55	0.2	1.75	1.97	2.01	Level 3

[Signature]
Head
 Department of Physics
 Arts Science & Commerce
 College Indapur, Dist. Pune

[Signature]
Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
Principal
 Arts, Science &
 Commerce College, Indapur

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Course Attainment - Academic Year 2021-22

Class: M.A./ M. Sc.

Sem: III

Student	GGUT-235			GGUT-236			GGUT-240			GGUT-241			GGUT-243			GGUT-248		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	77	77	2	70	70	2	67	67	2	40	80	2	38	76	2	67	67	2
S2	85	85	3	71	71	2	74	74	2	43	86	3	44	88	3	85	85	3
S3	80	80	3	69	69	2	81	81	3	37	74	2	40	80	3	85	85	3
S4	73	73	2	64	64	2	76	76	2	41	82	3	36	72	2	82	82	3
S5	88	88	3	76	76	2	83	83	3	41	82	3	36	72	2	80	80	3
S6	71	71	2	73	73	2	70	70	2	42	84	3	37	74	2	83	83	3
S7	89	89	3	80	80	3	71	71	2	35	70	2	32	64	2	79	79	2
S8	76	76	2	73	73	2	63	63	2	43	86	3	34	68	2	87	87	3
S9	87	87	3	79	79	2	63	63	2	38	76	2	42	84	3	89	89	3
S10	76	76	2	80	80	3	77	77	2	38	76	2	37	74	2	85	85	3
Avg			2.5			2.2			2.2			2.5			2.3			2.8

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Mr. Sandip Shinde

Coordinator IQAC

Arts, Science and Commerce College,
Indapur, Dist. Pune - 413106

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Dr. Sanjay Chakane

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INDAPUR-413106 DIST-PUNE

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Dr. Gajanan Dhobale

Head

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. Pune-413106

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment - Academic Year 2021-22

Sem: IV

Class: M.A./ M. Sc.

Student	GGUT-249			GGUT-250			GGUT-251			GGUT-252			GGDP-257			GGUT-258		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	77	77	2	70	70	2	67	67	2	40	80	2	38	76	2	67	67	2
S2	68	68	2	69	69	2	61	61	2	28	56	1	36	72	2	61	61	2
S3	65	65	2	57	57	1	64	64	2	28	56	1	41	82	3	52	52	1
S4	58	58	1	55	55	1	57	57	1	26	52	1	35	70	2	26	26	1
S5	22	22	1	51	51	1	56	56	1	29	58	1	36	72	2	27	27	1
S6	57	57	1	48	48	1	43	43	1	27	54	1	34	68	2	40	40	1
S7	40	40	1	48	48	1	43	43	1	21	42	1	36	72	2	28	28	1
S8	58	58	1	48	48	1	62	62	2	26	52	1	43	86	3	48	48	1
S9	60	60	2	50	50	1	63	63	2	30	60	2	40	80	2	54	54	1
S10	54	54	1	46	46	1	52	52	1	23	46	1	38	76	2	45	45	1
Avg			1.4			1.2			1.5			1.2			2.2			1.2

Dr. Gajanan Dhobale
Dr. Gajanan Dhobale

Department of Geography
 Arts, Science and Commerce College,
 Indapur, Dist. Pune-413106

Mr. Sandip Shinde
Mr. Sandip Shinde

Coordinator IQAC
 Arts, Science & Commerce College
 Indapur, Dist. Pune - 413106

Dr. Sanjay Chakane
Dr. Sanjay Chakane

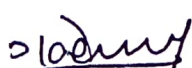
PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2021-22

Class: M. A./ M. Sc

Sem III & IV

Semester	Course Code	Course Name	Course No.	Course Attainment
III	GGUT-235	Geoinformatics-II	CO1	2.5
	GGUT-236	Geographical Thought	CO2	2.2
	GGUT-240	Urban Geography	CO3	2.2
	GGDT-241	Practical In Geoinformatics	CO4	2.5
	GGUT-243	Watershed Management	CO5	2.3
	GGUP-248	Practical In Population & Settlement Geography	CO6	2.8
IV	GGUT-249	Geography of India	CO7	1.4
	GGUT-250	Oceanography	CO8	1.2
	GGUT-251	Research Methodology	CO9	1.5
	GGUT-252	Geography of soil	CO10	1.2
	GGDP-257	Interpretation of Topographical Map & GPS Survey	CO11	2.2
	GGUT-258	Geography of World	CO12	1.2
			Avg	1.93


Dr. Gajanan Dhobale

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Indapur Tal. Indapur Dist Pune - 413106


Dr. Sanjay Chakane

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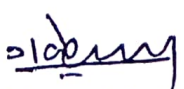
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2021-22

Class: M. A./ M. Sc

Sem III & IV

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POS1	POS2	POS3	POS4	POS5
CO1	1	2	2	1	2	1	2	3	2	2	2	3	2	1	3
CO2	2	3	2	1	2	2	2	2	1	2	3	2	3	2	2
CO3	1	2	2	1	0	2	2	1	3	1	2	3	2	1	3
CO4	2	1	2	1	1	1	1	3	1	2	3	3	1	2	2
CO5	1	3	2	2	2	3	2	1	2	2	2	2	3	3	3
CO6	3	2	3	3	1	1	1	3	1	2	3	1	2	2	2
CO7	2	1	0	1	3	2	2	0	3	1	2	2	1	3	3
CO8	0	3	2	2	1	1	1	1	1	2	2	3	3	1	2
CO9	2	2	1	3	2	2	0	2	2	3	1	1	1	2	2
CO10	3	1	1	1	2	1	1	2	3	1	3	2	2	3	3
CO11	1	1	3	3	1	1	2	2	1	2	2	3	3	2	3
CO12	3	2	3	0	2	2	1	1	2	1	3	2	2	3	2
PO Attainment	1.90	1.95	2.05	2.03	1.83	1.91	2.03	2.12	1.83	2.00	1.96	1.95	1.96	1.86	1.94
Total PO	19.6										Total PSO	9.67			
Average PO	1.96										Average PSO	1.93			


Dr. Gajanan Dhobale

Head

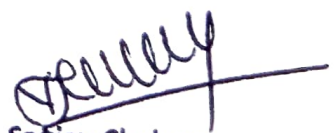
Department of Geography

Arts, Science and Commerce College,
Indapur, Dist. Pune- 413106


Mr. Sandip Shinde

Coordinator IQAC

Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106


Dr. Sanjay Chakane

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Indirect Method) - Academic Year 2021-22

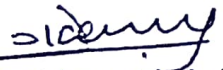
Class: M. A. II

Sem: III & IV

Sr. No.	Name of the student	Degree	Institute
1	Ghogare Akesh Balasaheb	M. A	Sonai Doodh Indapur
2	Thorat Kuldeep Dhanaji	M. A.	Ballarpur Industries Bhigwan

Placement & Progression = 25 %

Level = 2 (Moderate)


Dr. Gajanan Dhobale

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist-Pune-413106


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Coordinator/QAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106


Dr. Sanjay Chakane
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Attainment Level of CO/PO/PSO - Academic Year 2021-22

: M. A. II

Sem: III & IV

No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
	Geography	1.93	2	1.54	0.40	1.94	1.96	1.93	Level 3


Gajanan Dhobale


Mr. Sandip Shinde


Indapur Tal. Indapur Dist. Pune - 413106

Co-ordinator IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist. Pune - 413106


Dr. Sanjay Chakane
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	30501	Adhunik Kavya	(CO1)	1.66
	30502	Bhasha Vidyan	(CO2)	1.83
	30503	Hindi Sahitya ka Itihas	(CO3)	2.0
SEM IV	30504	Hindi Alochana	(CO4)	1.83
	40501	Adhunik Kavita	(CO5)	2.0
	40502	Hindi bhasha ka Vikas	(CO6)	2.0
	40503	Hindi Sahitya ka Itihas(Adhunik Kal)	(CO7)	1.66
	40504	Bharatiya Loksahitya	(CO8)	2.0
			Total	14.98
			Average	1.87

CO Attainment In Direct Method (M.A.-II) 2021-22

Sr. No.	Name of the student	Degree/Profession	Institute
1	Yadav Reshma	Teacher	SNR H. Indapur, Dist-Pune
2	Pandhare Dnyanshwar	Rector	VPS, IEMS, Indapur, Dist-Pune
		%	39.33%
		Attainment Level	2 (Moderate)

DEPARTMENT OF HINDI M.A-II (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
	30501	Adhunik Kavya	(CO1)	1.66	3	Satisfied Achieved	
Sem III	30502	Bhasha Vidnyan	(CO2)	1.83	3	Satisfied Achieved	
	30503	Hindi Sahitya ka Itihas	(CO3)	2.0	3	Satisfied Achieved	
	30504	Hindi Alochana	(CO4)	1.83	3	Satisfied Achieved	
SEM IV	40501	Adhunik Kavita	(CO5)	2.0	3	Satisfied Achieved	
	40502	Hindi bhasha ka Vikas	(CO6)	2.0	3	Satisfied Achieved	
	40503	Hindi Sahitya ka Itihas(Adhunik Kal)	(CO7)	1.66	3	Satisfied Achieved	
	40504	Bharatiya Loksahitya	(CO8)	2.0	3	Satisfied Achieved	
			Total	14.98			
			Average	1.87			

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PRINCIPAL
ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

CO-PO/PSO Mapping (Direct Method)M.A. Hindi 2021-22

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	2	3	3	2	3	2	2	2	1	3	3	3
Co2	3	3	2	3	3	2	3	2	2	3	2	3	2	1	2
Co3	3	2	3	2	3	3	2	3	2	3	3	2	2	3	3
Co4	3	2	3	2	2	3	1	3	2	3	2	3	2	2	3
Co5	3	2	3	2	3	1	2	2	2	3	2	2	2	3	2
Co6	3	3	2	2	3	2	2	1	2	3	3	3	3	2	3
Co7	3	2	3	3	3	2	3	2	2	3	2	3	2	3	2
Co8	3	1	3	2	3	3	2	2	3	3	2	3	2	3	2
Total	24	17	22	18	24	19	17	16	17	23	19	18	19	20	20
PO/PSO Attainment	3.0	2.12	2.75	2.25	3.0	2.37	2.12	2.0	2.12	2.87	2.27	2.25	2.37	2.5	2.5
Total PO	24.6	Total PSO 11.89													
Ave. PO	2.46	Average PSO = 2.37													

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po

dm

[Signature]

डॉ. रमेश. रमेश. पवार
प्रिन्सिपल प्रमुख
दत्त विद्या प्रतिष्ठान महाराष्ट्र
इंदरपुर, 413106

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DEPARTMENT OF HINDI M.A.(A.Y.2021-22)

Attainment Level of PO-PSO-CO M.A.(A.Y.2021-22)

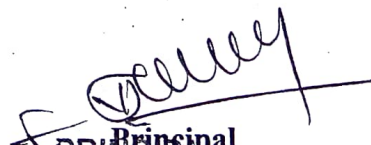
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method		Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment level for PO'S/ PSO'S		
					II	I+II				Level	Target Attainment	Target Achievement
1	Hindi	1.87	2	1.49	0.4	1.89		2.46	2.37	4	2.5 - 3.0	Satisfactorily Achieved

DEPARTMENT OF ECONOMICS (A.Y. 2021-22)

Course Attainment (Direct Method) (M.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
III	32301	Macro Economics-I	(CO1)	1.3
	32302	Growth and Development-I	(CO2)	1.7
	32303	Research Methodology	(CO3)	1.3
	32305	Demography	(CO4)	1.6
IV	42301	Macro Economics-II	(CO5)	1.3
	42302	Growth and Development-II	(CO6)	1.5
	42303	Research Project	(CO7)	1.5
	42306	Economics of Environment	(CO8)	1.5
			Total	11.7
			Average	1.46


HOD
Head
Department of Economics
A.S.C.College,Indapur,
Dist.Pune.413106


Principal
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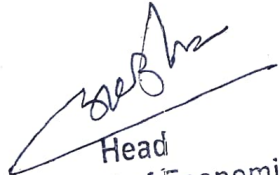
Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree/ JOB	Institute
1.	Nalawade Harshwardhan Popat	SHOP	ASC COLLEGE STUDENTS FACULTY CENTER
2.	Girme Nihal Sunil	BUSINESS	MILK DAIRY
3.	Aware Ravindra Subhash	B.Ed	VP
4.	Chavan Bharati Abhiman	JOB	HOSPITAL
5.	Javir Aditya dadaso	BUSINESS	SAHYADRI HOTEL PUNE
6.	Dhuke Sambhaji Sudam	JOB	KALAMB COLLEGE
7.	Shinde Kaosalya Ganpat	TEACHING	PARIJAT INSTUTE PUNE BAJIRAV ROAD
8.	Bhosale Suvarna Bhaskar	B.ED	AKLUJ

Placement & Progression = $8/18 \times 100$

= 44.44 %

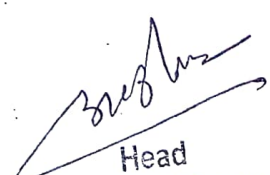
Level = 3 (HIGH)

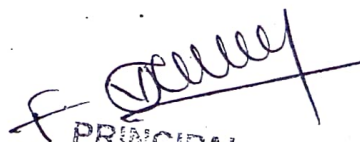

Head
Department of Economics
A.S.C.College,Indapur,
Dist.Pune.413106


PRINCIPAL
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INDAPUR-413106 DIST-PUNE

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	3	2	1	2	2	2	3	1	2	2	1
Co2	1	2	3	3	2	1	3	2	2	3	1	2	3	1	1
Co 3	1	2	3	3	2	2	1	1	1	2	1	1	3	1	1
Co 4	3	2	3	3	2	1	1	2	2	1	3	2	1	1	3
Co 5	3	3	2	2	1	2	1	3	1	1	1	1	1	3	2
Co 6	1	3	3	3	1	1	2	2	1	3	1	2	2	1	1
Co 7	1	1	3	3	2	1	3	1	1	2	1	3	1	1	2
Co 8	3	2	3	3	2	3	1	2	3	2	3	2	3	2	2
Total	16	16	23	23	15	13	13	15	13	16	14	14	16	12	13
PO/PSO Attainment	20.8	26.1	38.4	38.4	22.1	15.6	16.2	21.9	17.9	27.2	1.75	1.75	2	1.5	1.625
	Total Po	14.66970736									Total Pos	7.334958791			
	Average	1.466970736									Average	1.466991758			

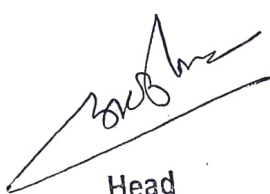
$$\text{PO /PSO Direct Attainment} = \frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum (\text{Level of mapping PO/PSO with CO})}$$


 Head
 Department of Economics
 A.S.C.College,Indapur,
 Dist.Pune.413106


 PRINCIPAL
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 INDAPUR-413106 DIST-PUNE

Attainment Level of CO-PO-PSO (A.Y. 2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.46	3	1.16	0.60	1.76	1.46	1.46	Level 2


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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	Arts, Science and Commerce College, Indapur																								
2	Course Attainment by Direct Method MA History (21-22)																								
3	Student	CO1			Co2			CO3			CO4			CO5			CO6			CO7			Co8		
5		Mar	%	Att.	Mar	%	Att.	Mar	%	Att.	Marks	%	Att.	Mar	%	Att.	Mark	%	Att.	Mark	%	Att.	Mark	%	Att.
6		ks			ks			ks						ks			s			s			s		
7	Bhagat Shubhangii Mahadeo	69	69	2	77	77	2	73	73	2	74	74	2	55	55	1	58	58	1	55	55	1	71	71	2
8	Bhandalkar Radhika Ashok	53	53	1	55	55	1	63	63	2	58	58	1	56	56	1	64	64	2	53	53	1	52	52	1
9	Deshmukh Manisha Pratap	62	62	2	52	52	1	63	63	2	59	59	1	58	58	1	64	64	2	58	58	1	74	74	2
10	Kamble Sonali Dada	63	63	2	74	74	2	73	73	2	59	59	1	47	47	1	49	49	1	52	52	1	55	55	1
11	Londhe Krushna Agatrao	58	58	1	55	55	1	52	52	1	54	54	1	57	57	1	61	61	2	64	64	2	69	69	2
12	Palve Shivaraj sadanand	65	65	2	74	74	2	72	72	2	60	60	1	55	55	1	54	54	1	56	56	1	58	58	1
13	Deshmukh Kranti Sunil	69	69	2	70	70	2	88	88	3	66	66	2	52	52	1	55	55	1	63	63	2	69	69	2
14	Jadhav Adity Balasaheb	79	79	2	85	85	3	92	92	3	65	65	2	61	61	2	72	72	2	65	65	2	74	74	2
15	Markad Komal Sopan	65	65	2	68	68	2	76	76	2	67	67	2	57	57	1	46	46	1	64	64	2	71	71	2
16	Pawar Abhijeet Santosh	61	61	2	82	82	3	85	85	3	67	67	2	58	58	1	59	59	1	60	60	1	67	67	2
17	Sangle Hemangi Laxman	75	75	2	78	78	2	93	93	3	68	68	2	58	58	1	55	55	1	60	60	1	65	65	2
18	Wajale Akshay Sanjay	64	64	2	71	71	2	74	74	2	59	59	1	54	54	1	58	58	1	57	57	1	74	74	2
19	Waghmare Shriwardhan Alinath	81	81	3	80	80	2	89	89	3	70	70	2	59	59	1	70	70	2	63	63	2	74	74	2
20	Deokar Prasad Rajendra	55	55	1	45	45	1	65	65	2	75	75	2	69	69	2	69	69	2	69	69	2	74	74	2
21	Attainment	66	66	1.86	69	69	1.86	75.6	75.6	2.29	64.36	64.4	1.6	56.9	57	1.14	59.6	60	1.43	59.9	60	1.43	67.6	68	1.79

विद्यार्थी विभाग प्रमुख

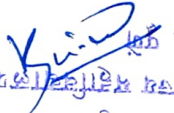
विज्ञान आणि वाणिज्य महाविद्यालय
इंदोपुर, जि. पुणे

Arts, Science and Commerce College, Indapur

DEPARTMENT OF HISTORY (MA) (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
Sem III	32201	Cultural History of Maharashtra	(CO1)	1.9	Satisfactory achieved PO/ PSO	
	32202	Intellectual History of Modern World	(CO2)	1.9	Satisfactory achieved PO/ PSO	
	32203	Economic History of Modern India	(CO3)	2.3	Significantly achieved PO/ PSO	
	32205	East Asia – Japan (1853 – 2000)	(CO4)	1.6	Satisfactory achieved PO/ PSO	
SEM IV	42201	Modern Maharashtra History of Ideas	(CO5)	1.1	Partially achieved PO/ PSO	Need More Extra Lectures
	42202	Debates in India	(CO6)	1.4	Partially achieved PO/ PSO	Need More Extra Lectures
	42203	World After World War II (1945-2000)	(CO7)	1.4	Partially achieved PO/ PSO	Need More Extra Lectures
	42206	Modern India	(CO8)	1.8	Satisfactory achieved PO/ PSO	
			Average	1.68	Satisfactory achieved PO/ PSO	
			Total	13.4		


 Head of Department
 Department of History
 Arts, Science and Commerce College, Indapur

Arts, Science and Commerce College, Indapur
Department of History

COOPO/PSO Mapping (Direct Method) 2021-22

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	1	3	3	1	3	1	1	2	2	2	1	2	2	1
Co2	1	2	1	1	2	0	3	2	3	3	2	2	3	3	2
Co 3	2	2	3	3	3	2	2	1	1	2	0	0	2	1	1
Co 4	1	2	2	1	2	1	1	1	2	1	3	2	1	2	3
Co 5	2	3	1	2	1	2	0	3	1	1	1	3	1	1	1
Co 6	1	3	3	3	0	1	2	2	1	3	0	2	2	0	1
Total	9	13	13	13	9	9	9	10	10	12	8	10	11	9	9
PO/PSO attainment	2.01	2.06	2.23	2.18	2.03	2.06	2.11	1.91	1.84	2.08	1.68	1.82	2.01	1.73	1.93
TOTAL PO	20.49	23.13									TOTAL	9.16			
Avarage	2.05										PSO				
											Average	1.83			
PO /PSO Direct Attainment = $\frac{\sum(\text{overall CO attainment} \times \text{PO PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$															

[Signature]
 इतिहास विभाग प्रमुख
 उच्च शिक्षण आणि वाणिज्य शाळा
 इंदापूर, जि. पुणे

[Signature]
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Arts, Science and Commerce College, Indapur									
Department of History									
Attainment Level of CO-PO-PSO (A.Y. 2021-22)									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	History	13.4	1	1.61	0.2	1.81	2.05	1.83	Level 4


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Arts, Science and Commerce College, Indapur			
Department of History			
Attainment of CO- (Indirect Method) 2021-22			
Sr. No.	Name of the student	Degree	Institute
1	Nil		
	Placement & Progression	Nil	
	Level	1	


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 ला विज्ञान आणि वाणिज्य महाविद्यालय
 इंदापूर, जि. पुणे


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DEPARTMENT OF CHEMISTRY (A.Y. 2021-22)
Course Attainment M.Sc. Org (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
SEM III	CHO-350	Organic reaction mechanism	(CO1)	1.769
	CHO-351	Structure determination OF organic compound	(CO2)	1.462
	CH-352	Stereochemistry and asymmetric synthesis	(CO3)	1.192
	CH-353	Designing organic syntheses and hetrocycles	(CO4)	1.385
	CH-354	Practical i - solvent free organic synthesis	(CO5)	2.462
			(CO6)	1.038
SEM IV	CHO-450	Chemistry of natural products	(CO7)	0.846
	CHO-451	Organometallic reagents in organic	(CO8)	1.00
	CHO-452	Medicinal chemistry	(CO9)	2.538
	CHO-453	Ternary mixture separation	(CO10)	2.692
	CHO-453	Carbohydrates synthesis & isolation	(CO11)	2.923
	CHO-454	Practical ii convergent & divergent		

Total-19.307

Average-1.75


Head
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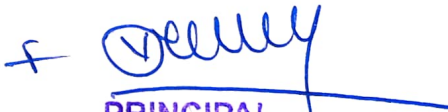

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M.Sc Organic Chemistry A.Y 2021-22

CO-PO Matrix	CO Att.	PO1	CO*PO1	PO2	CO*PO2	PO3	CO*PO3	PO4	CO*PO4	PO5	CO*PO5	PO6	CO*PO6	PO7	CO*PO7	PO8	CO*PO8	PO9	CO*PO9	PO10	CO*PO10	PSO1	CO*PSO1	PSO2	CO*PSO2	PSO3	CO*PSO3	PSO4	CO*PSO4	PSO5	CO*PSO5
Co1	1.769	3	5.307	2	3.538	3	5.307	3	5.307	3	5.307	1	1.769	3	5.307	2	3.538	3	5.307	3	5.307	3	5.307	1	1.769	3	5.307	2	3.538	3	5.307
Co2	1.462	3	4.386	1	1.462	3	4.386	2	2.924	2	2.924	2	2.924	2	2.924	3	4.386	3	4.386	2	2.924	3	4.386	2	2.924	2	2.924	2	2.924	1	
Co3	1.192	3	3.576	2	2.384	2	2.384	3	3.576	2	2.384	2	2.384	3	3.576	3	3.576	2	2.384	3	3.576	1	1.192	2	2.384	0	0	2	2.384	3	
Co4	1.385	3	4.155	3	4.155	3	4.155	3	4.155	3	4.155	3	4.155	2	2.77	3	4.155	2	2.77	3	4.155	3	4.155	2	2.77	2	2.77	0	0	3	
Co5	2.462	2	4.924	2	4.924	2	4.924	3	7.386	1	2.462	2	4.924	3	7.386	3	7.386	3	7.386	3	7.386	3	7.386	1	2.462	3	7.386	2	4.924	2	
Co6	1.038	3	3.114	2	2.076	3	3.114	2	2.076	3	3.114	3	3.114	3	3.114	2	2.076	1	1.038	2	2.076	1	1.038	3	3.114	2	2.076	0	0	2	
Co7	0.846	3	2.538	3	2.538	1	0.846	1	0.846	3	2.538	2	1.692	3	2.538	2	1.692	3	2.538	2	1.692	3	2.538	2	1.692	2	1.692	3	2.538	2	
Co8	1	2	2	1	1	2	2	3	3	3	3	3	3	2	2	3	3	3	3	2	2	2	2	2	2	3	3	3	3	1	
Co9	2.538	3	7.614	2	5.076	3	7.614	1	2.538	2	5.076	2	5.076	3	7.614	3	7.614	1	2.538	3	7.614	2	5.076	3	7.614	2	5.076	2	5.076	1	
Co10	2.692	3	8.076	3	8.076	2	5.384	3	8.076	2	5.384	3	8.076	3	8.076	3	8.076	3	8.076	3	8.076	3	8.076	3	8.076	2	5.384	2	5.384	3	
Co11	2.923	2	5.846	1	2.923	3	8.769	2	5.846	1	2.923	2	5.846	3	8.769	3	8.769	1	2.923	3	8.769	2	5.846	2	5.846	2	5.846	2	5.846	1	
Total		30	51.536	22	38.152	27	48.883	26	45.73	25	39.267	25	42.96	30	54.074	30	54.268	27	48.192	27	47.729	27	49.923	23	40.651	21	37.923	21	37.383	21	
PO/PSO Attainment			1.71		1.41		1.88		1.75		1.57		1.71		1.8		1.8		1.78		1.76		1.84		1.69		1.74		1.84		
Total PO=	17.17																						8.82								
Average PO=	1.717																						1.76								


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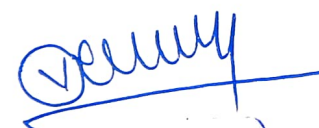

Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune

Co Attainment Indirect Method M.Sc. Organic Chemistry A.Y 2021-22

Sr. No.	Name of the student	Degree	Institute
1	Tarange Sonali Rupchand	Chemist	Sonai Milk Pvt. Ltd Gokhali, Indapur

Placement and Progression= 3.84%
Level =1 (Low)


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Attainment Level of M.Sc Org PO-PSO-CO (A.Y.2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment level of PO/PSO
					II	I+II			
1	Chemistry	1.75	1	1.4	0.2	1.6	1.717	1.76	3



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DEPARTMENT OF ORGANIC CHEMISTRY
Course Attainment for the Year 2021-22 (MSc)

Semester	Course Code	Course Name	Course No.	Course Attainment	CO attainment Level	Target Achievement	Justification
Sem III	CHO-350	Organic reaction mechanism	(CO1)	1.769	3	Satisfactorily achieved	
	CHO-351	Structure determination OF organic compound	(CO2)	1.462	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CHO-352	Stereochemistry and asymmetric synthesis	(CO3)	1.192	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CHO-353	Designing organic syntheses and hetrocycles	(CO4)	1.385	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CH-354	Practical i - solvent free organic synthesis	(CO5)	2.462	4	Significantly achieved	
SEM IV	CHO-450	Chemistry of natural products	(CO6)	1.038	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CHO-451	Organometallic reagents in organic	(CO7)	0.846	1	Barely achieved	Needs to improve concept and knowledge of subject by taking extra lectures and group discussion
	CHO-452	Medicinal chemistry	(CO8)	1.00	1	Barely achieved	Needs to improve concept and knowledge of subject by taking extra lectures and group discussion
	CHO-453	Ternary mixture separation	(CO9)	2.538	4	Significantly achieved	
	CHO-453	Carbohydrates synthesis & isolation	(CO10)	2.692	5	Completely achieved	
	CHO-454	Practical ii convergent & divergent	(CO11)	2.923	5	Completely achieved	

			Total	19.307		
			Average	01.755		



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DEPARTMENT OF CHEMISTRY (A.Y. 2021-22)

Course attainment (Direct Method) *M.Sc Analytical chemistry*

Semester	Course Code	Course Name	Course No.	Course Attainment
III	CHA-390	Electrochemical and Thermo gravimetric Methods of chemical analysis	CO1	1.21
	CHA-391	Analytical Method Development and Extraction Techniques	CO2	1.58
	CHA-392	Advanced Chromatographic Methods of Chemical Analysis	CO3	1.33
	CHA-393 A)	Bioanalytical chemistry	CO4	1.63
	CHA-394	Basics of Instrumental Methods of Chemical Analysis	CO5	2.37
IV	CHA-490	Advanced analytical spectroscopic Techniques	CO6	0.75
	CHA-491	Chemical methods of pharmaceuticals analysis	CO7	1.21
	CHA-492 B)	Analytical Chemistry of agriculture, polymer and Detergents	CO8	0.83
	CHA-493	Optional analytical chemistry practical	CO9	2.00
	CHA-494	Applied Analytical Chemistry Practical	CO10	2.00

Total= 14.88
Average= 1.48

[Signature]
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M.Sc-

Analytical chemistry

CPO-PSO

CO-PO	CO	PO1	CO-PO1	PO2	CO-PO2	PO3	CO-PO3	PO4	CO-PO4	PO5	CO-PO5	PO6	CO-PO6	PO7	CO-PO7	PO8	CO-PO8	PO9	CO-PO9	PO10	CO-PO10	PSO1	CO-PSO1	PSO2	CO-PSO2	PSO3	CO-PSO3	PSO4	CO-PSO4	PSO5	CO-PSO5
Matrix	1.21	3	3.624	2	2.416	3	3.624	3	3.624	3	3.624	1	1.208	3	3.624	2	2.416	3	3.624	3	3.624	3	3.624	1	1.208	2	2.416	3	3.624	2	2.416
Co1	1.58	3	4.74999	1	1.58333	3	4.74999	2	3.16666	2	3.16666	2	3.16666	2	3.16666	3	4.74999	2	3.16666	2	3.16666	1	1.333	2	2.666	1	1.633	2	2.666	2	2.666
Co2	1.33	3	3.999	2	2.666	2	2.666	3	3.999	2	2.666	2	2.666	2	3.25	3	3.999	2	2.666	3	3.999	1	1.333	2	2.666	1	1.633	2	2.666	2	2.666
Co3	1.63	3	4.875	3	4.875	3	4.875	3	4.875	3	4.875	2	4.75	3	4.75	3	4.875	2	3.25	3	4.875	3	4.875	1	1.633	2	2.666	1	1.633	2	2.666
Co4	1.63	3	4.875	2	4.75	2	4.75	2	4.75	1	2.375	2	4.75	3	4.75	3	4.875	2	3.25	3	4.875	3	4.875	1	1.633	2	2.666	1	1.633	2	2.666
Co5	2.38	2	4.75	2	4.75	2	4.75	2	4.75	2	2.375	2	4.75	3	4.75	3	4.875	2	3.25	3	4.875	3	4.875	1	1.633	2	2.666	1	1.633	2	2.666
Co6	0.75	3	2.25	2	1.5	3	2.25	2	1.5	3	2.25	3	2.25	3	2.25	2	1.5	1	0.75	2	1.5	1	0.75	2	1.5	3	2.25	1	0.75	1	0.75
Co7	1.27	3	3.804	3	3.804	1	1.268	3	3.804	2	2.536	3	3.804	2	2.536	3	3.804	3	3.804	2	2.536	3	3.804	0	0	3	2.536	1	1.268	2	2.536
Co8	0.83	2	1.664	1	0.832	2	1.664	3	2.496	3	2.496	2	2.496	2	1.664	3	2.496	3	2.496	2	1.664	2	1.664	1	0.832	3	2.496	2	1.664	1	0.832
Co9	2	3	6	2	4	3	6	1	2	2	4	2	4	3	6	3	6	1	2	3	6	2	4	1	2	2	4	3	6	1	2
Co10	2	3	6	3	6	2	4	3	6	2	4	2	4	3	6	3	6	3	6	3	6	3	6	2	4	2	4	3	6	1	2
Total=			41.71599		32.42633		35.84699		36.05366		33.25666		33.94766		40.88266		41.69699		36.46499		40.48966		37.92499		21.03933		28.57266		29.51366		30.32499
Average=			4.17		3.24		3.58		3.61		3.32		3.39		4.08		4.16		3.64		4.04		3.79		2.1		2.85		2.95		3.03

Total PO = 37.23
Average = 3.72Total PSO = 14.72
Average = 2.94

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Co Attainment Indirect Method M.Sc. Analytical Chemistry A.Y 2021-22

Sr. No.	Name of the students	Degree	Institute
1	Kodlinge Akshay Haridas	Chemist	Supriya Lifestyle Ltd. Khed Maharashtra
2	Mankari Sagar Mahadev	Chemist	Supriya Lifestyle Ltd. Khed Maharashtra
3	Jadhav Sweta Asok	Chemist	FHHL Private Ltd. Pune Maharashtra.
4	Nimbalkar Shivani Mohan	Asst. Teacher	S.B Patil Public School Indapur.

Percentage and Progression= 16.66 %

Level= 1 (Low)

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Attainment level of M.Sc Analytical PO-PSO-CO (A.Y 2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment level of PO/PSO
1	Chemistry	1.48	1	1.18	0.2	1.2	3.72	2.94	5

[Signature]

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DEPARTMENT OF ANALYTICAL CHEMISTRY (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem III	CHA-390	Electrochemical and Thermo gravimetric Methods of chemical analysis	(CO1)	1.21	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CHA-391	Analytical Method Development and Extraction Techniques	(CO2)	1.58	3	Satisfactorily achieved	
	CHA-392	Advanced Chromatographic Methods of Chemical Analysis	(CO3)	1.33	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CHA-393 A	Bioanalytical chemistry	(CO4)	1.63	3	Satisfactorily achieved	
	CHA-394	Basics of Instrumental Methods of Chemical Analysis	(CO5)	2.37	4	Significantly achieved	
SEM VI	CHA-490	Advanced analytical spectroscopic Techniques	(CO6)	0.75	1	Barely achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CHA-491	Chemical methods of pharmaceuticals analysis	(CO7)	1.21	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CHA-492B	Analytical Chemistry of agriculture, polymer and Detergents	(CO8)	0.83	1	Barely achieved	Needs to improve concept and knowledge of subject by taking extra lectures and group discussion
	CHA-493	Optional analytical chemistry practical	(CO9)	2.00	3	Satisfactorily achieved	

CHA-494	Applied Analytical Chemistry Practical	(CO10)	2.00	3	Satisfactorily achieved	
		Total	14.88			
		Average	01.48			

[Signature]

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Department of Zoology (2021-22) Course attainment by Direct method M.Sc. Zoology				
	Course Code	Course Name	Course No.	Course Attainment
	50331A	ZOUT231: Animal physiology	CO1	2.19
	50332	ZOUT232: FOS and EC	CO2	2.75
	50333	ZOUT233: Res. Meth. And IP	CO3	2.13
	50334B	ZOUT234: Gene. Toxicology	CO4	1.81
	50335	ZOUP234: Zoo. Practical III	CO5	1.88
Sem-III	50336	ZOUP235: Special Lab I	CO6	2.85
	50431A	ZOUT241: Animal physiology	CO7	1.50
	50432	ZOUT242: NRP and Aqua.	CO8	1.00
	50433B	ZOUT243: Pest control	CO9	2.00
	50434	ZOUP243: Zoo. Practical IV	CO10	2.06
	50435B	ZOUT244: Apiculture	CO11	2.19
	50436	ZOUP244: Zoo. Practical V	CO12	2.11
	50437	ZOUP245: Project	CO13	2.44
Sem- IV				
Total				27.10
average				2.08

Dr. J. P. Borwade

M.Sc., Ph.D., FZSI

Head

Department of Zoology,
Science & Commerce College,
Indapur, Dist. Pune - 413105

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INDAPUR-413105 DIST. PUNE

Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree/profession	Institute
1	Deshmukh Veerkumar C	Job	HDFC bank
2	Satav Dipak S	Job	A.S.C. College Indapur, Dist-Pune
3	Sawant Megha A	Job	A.S.C. College Indapur, Dist-Pune
4	Shinde Ketaki M	Job	YCMOU
	Placement and Progression=		
	Level =	25	
		2	

Dr. J. J. Sarwade

M.Sc., Ph.D., FZSI

Head

Department of Zoology,
Science & Commerce College,
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CO-PO/PSO Mapping (Direct Method) 2021-22

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	2	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	3	3	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
CO7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO8	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
attainemer	2.104211	2.030909	2.0076	1.964091	2.036316	2.0076	2.0076	2.0076	2.0076	2.0076	1.937727	2.0076	2.0076	2.0076	2.0076
Total	20.18113										9.968127				
Average	2.018113										1.993625				

Dr. J. P. Sarvagde
Head
M.Sc., Ph.D., FZSI
Department of Zoology,
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ITSPM, s

Arts, Science & Commerce College Indapur, Dist.- Pune

Dept. of Commerce

M.Com (Mar 2022)

Calculation for CO Attainment – Academic Year 2021-22

Name of the Student	32 1	% 1	CO 1	32 2	% 1	CO 3	32 3	% 1	CO1	324	% 1	CO1	421	% 1	CO1	422	% 1	CO1	423	% 1	CO1	424	% 1	CO1
1 SHINDE VANITA DATTAIRAY	45	45	1	68	68	2	40	40	1	60	60	1	45	45	1	63	63	2	49	49	1	69	69	2
2 SHIVPUJE SHUBHAM RAJESH	53	53	1	73	73	2	58	58	1	76	76	2	57	57	1	64	64	2	61	61	2	67	67	2
3 BHANDAVALKAR ABHIJEET N	62	62	2	81	81	3	57	57	1	81	81	3	59	59	1	70	70	2	46	46	1	40	40	1
4 DHOTRE SARIKA BAJIRAO	52	52	1	58	58	1	58	58	1	76	76	2	56	56	1	46	46	1	51	51	1	46	46	1
5 FAND ANIKET PRAKASH	40	40	1	59	59	1	51	51	1	69	69	2	54	54	1	64	64	2	54	54	1	44	44	1
6 GAIKWAD SANJIVANI VIKAS	66	66	2	71	71	2	65	65	2	75	75	2	61	61	2	68	68	2	60	60	1	43	43	1
7 GHOGARE ASHISH DILIP	62	62	2	71	71	2	67	67	2	72	72	2	43	43	1	58	58	1	48	48	1	53	53	1
8 GUJARATHI NIKITA P	66	66	2	80	80	2	51	51	1	78	78	2	61	61	2	77	77	2	59	59	1	67	67	2
9 JADHAV SAPNA PRAKASH	75	75	2	82	82	3	64	64	2	77	77	2	66	66	2	75	75	2	61	61	2	53	53	1
10 KHADE PRAJAKTA ANIL	79	79	2	88	88	3	68	68	2	78	78	2	57	57	1	77	77	2	65	65	2	41	41	1
11 KOKARE TRUPTI N	57	57	1	69	69	2	56	56	1	83	83	3	44	44	1	63	63	2	40	40	1	53	53	1
12 KOKATE APPASO MUKIND	56	56	1	77	77	2	58	58	1	69	69	2	55	55	1	81	81	3	62	62	2	42	42	1
13 KOKATE PRIYANKA ANKUSH	53	53	1	76	76	2	61	61	2	78	78	2	72	72	2	80	80	2	63	63	2	59	59	1
14 LANIDGE SNEHAL BALU	65	65	2	73	73	2	57	57	1	73	73	2	65	65	2	75	75	2	63	63	2	47	47	1
15 MAHADIK RUPALI MOHAN	65	65	2	82	82	3	64	64	2	78	78	2	69	69	2	81	81	3	71	71	2	68	68	2
16 MARKAD PRATIBHA BABASO	69	69	2	70	70	2	80	80	2	77	77	2	59	59	1	78	78	2	58	58	1	72	72	2

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Arts, Science & Commerce College Indapur, Dist.- Pune

Dept. of Commerce

M.Com (Mar 2022)

Calculation for CO Attainment – Academic Year 2021-22

Name of the Student	321	%1	CO12	322	%2	CO13	323	%3	CO14	324	%4	CO15	421	%5	CO16	422	%6	CO17	423	%7	CO18	424	%8	CO19
17 PATIL SHARDHA ANNASO	62	62	2	95	95	3	66	66	2	96	96	3	61	61	2	84	84	3	62	62	2	68	68	2
18 PHALAKE SUDARSHAN K	54	54	1	79	79	2	42	42	1	78	78	2	42	42	1	75	75	2	40	40	1	42	42	1
19 RANSHING KUMAR C	44	44	1	77	77	2	46	46	1	81	81	3	52	52	1	81	81	3	45	45	1	44	44	1
20 RAUT ABHIJIT BABAN	40	40	1	63	63	2	65	65	2	67	67	2	53	53	1	76	76	2	55	55	1	58	58	1
21 ROKADE AISHWARYA V	45	45	1	75	75	2	61	61	2	73	73	2	50	50	1	74	74	2	52	52	1	40	40	1
22 SAWANT MONIKA DILIP	74	74	2	71	71	2	73	73	2	76	76	2	68	68	2	83	83	3	60	60	1	49	49	1
23 SHAIKH SHABIR S	59	59	1	85	85	3	66	66	2	83	83	3	61	61	2	84	84	3	61	61	2	41	41	1
24 SHINDE PRATIKSHA C	58	58	1	79	79	2	63	63	2	77	77	2	53	53	1	79	79	2	47	47	1	52	52	1
25 SHINDE SUPRIYA HANUMANT	66	66	2	82	82	3	60	60	1	71	71	2	68	68	2	81	81	3	70	70	2	47	47	1
26 SWAMI TEJASHREE MAHESH	45	45	1	76	76	2	59	59	1	68	68	2	69	69	2	75	75	2	62	62	2	68	68	2
27 TAMBOOLI ALISHA ISAK	64	64	2	78	78	2	66	66	2	82	82	3	72	72	2	77	77	2	72	72	2	43	43	1
28 TARANGE AKASH ASHOK	51	51	1	74	74	2	61	61	2	71	71	2	44	44	1	69	69	2	54	54	1	47	47	1
29 TELKAR ANITA SHANKAR	68	68	2	70	70	2	55	55	1	71	71	2	64	64	2	81	81	3	80	80	2	69	69	2
30 URANE PRAADNYA RAJKUMAR	60	60	1	60	60	1	52	52	1	64	64	2	58	58	1	82	82	3	66	66	2	59	59	2
31 ZENDE ASHISH SAMADHAN	60	60	1	86	86	3	55	55	1	79	79	2	69	69	2	83	83	3	67	67	2	77	77	2

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Dept. of Commerce
M.Com (Mar 2022)
CO Attainment

Sem	Course Code	Course name	Course No.	Course Attainment
Sem III	321	Business Finance	CO 1	1.45
	322	Research Methodology for Business	CO 2	2.16
	323	Advance Auditing	CO 3	1.48
	324	Specialized Area in Accountancy	CO 4	2.16
Sem IV	421	Capital Market and Financial Services	CO 5	1.42
	422	Industrial Economics Environment	CO 6	2.26
	423	Recent Advances in Accounting, Taxation and Auditing	CO 7	1.45
	424	Project Work	CO 8	1.29
			Average	1.71

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Dept. of Commerce

M.Com (Mar 2022)

CO/ PO/ PSO Mapping (Direct Method)

CO-PO Matrix	PO 1	PO 2	PO 3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	2	3	1	2	2	2	3	1	1	3	1	2	2	3	2
CO 2	3	2	3	2	2	3	2	2	2	2	2	0	3	2	2
CO 3	2	3	2	3	3	2	2	0	3	0	2	3	2	3	3
CO 4	2	2	2	2	3	0	3	3	2	3	3	2	0	2	2
CO 5	1	0	2	0	2	3	2	2	0	2	2	2	1	2	2
CO 6	1	1	2	1	0	3	0	3	1	3	0	3	2	3	3
CO 7	3	2	3	2	3	2	1	2	2	2	3	1	2	1	3
CO 8	2	1	1	1	3	1	2	3	2	2	2	3	2	2	1
PO/PSO Attainment	1.92	1.71	1.76	1.73	1.62	1.72	1.67	1.79	1.71	1.78	2.33	2.50	2.14	2.44	2.44
Total PO	17.41										11.87				
Average PO	1.74										2.37				

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Dept. of Commerce

M.Com (Mar 2022)

Attainment Level of CO- PO- PSO (A. Y. 2021-22)

Sr. No	Department	Average Attainment of course by Direct Method	Average Attainment of course by Indirect Method	80% of Average Attainment of course by Direct Method (I)	20% of Average Attainment of course by Indirect Method (II)	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	COMMERCE	1.71	1	1.37	0.20	1.57	1.74	2.37	4

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Dept. of Commerce

M.Com (Mar 2022)

Course Attainment (Direct Method)- Academic Year 2021-22

Sem	Course Code	Course name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
Sem III	321	Business Finance	CO 1	1.45	2	Partially Achieved	Difficult Concepts to
	322	Research Methodology for Business	CO 2	2.16	3	Satisfactorily Achieved	
	323	Advance Auditing	CO 3	1.48	3	Satisfactorily Achieved	
	324	Specialized Area in Accountancy	CO 4	2.16	3	Satisfactorily Achieved	
Sem IV	421	Capital Market and Financial Services	CO 5	1.42	2	Partially Achieved	Less Practical Knowledge
	422	Industrial Economics Environment	CO 6	2.26	4	Significantly Achieved	Students are learned actively due to practical knowledge
	423	Recent Advances in Accounting, Taxation and Auditing	CO 7	1.45	2	Partially Achieved	Less Practical Knowledge
	424	Project Work	CO 8	1.29	2	Partially Achieved	Difficult Concepts to

Department of Political Science (M.A. 2021-22)

Semester	Course Code	Course Name	Course No.	Course Attainment	Target Achieved	Justification
03	32401	Modern Political Thought	(CO1)	1.55	Satisfactorily achieved	
	32402	Political Sociology	(CO2)	1.38	Partially achieved	Extra assignments and lectures were taken
	32403	World Politics New Development	(CO3)	1.77	Satisfactorily achieved	
	32407	Research Methodology	(CO4)	1.77	Satisfactorily achieved	Extra assignments and lectures were taken
04	42401	Fundamental of Political Theory	(CO5)	1.38	Partially achieved	Extra assignments and lectures were taken
	42402	Political Process in India	(CO6)	1.5	Satisfactorily achieved	
	42403	Politics and Society	(CO7)	1.66	Satisfactorily achieved	
	42406	Election Studies	(CO8)	1.38	Partially achieved	
			Total	12.39		
			Average	1.54	Satisfactorily achieved	

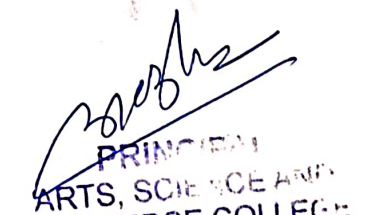
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INDRAPUR 413106 DIST-PUNE

CO-PO/PSO Mapping(Direct Method) M.A. 2021-22

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	3	2	2	3	3	2	2	3	3	3	2	3	2	2
Co2	3	2	3	3	1	2	3	3	2	3	2	2	3	2	3
Co3	2	1	3	2	3	2	3	3	2	3	2	2	3	2	3
Co4	3	2	2	2	2	3	3	2	3	2	3	2	3	2	3
Co5	2	2	2	2	2	2	3	2	1	2	3	3	2	2	2
Co6	2	3	3	3	2	3	2	1	1	2	2	2	2	3	3
Co7	2	3	2	3	3	2	1	2	3	3	3	2	3	2	2
Co8	3	2	1	3	2	3	2	2	3	2	3	2	3	2	3
Total	19	18	18	20	18	20	18	16	17	20	20	19	20	19	21
PO/PSO Attainment	2.37	2.25	2.25	2.5	2.25	2.5	2.25	2	2.12	2.5	2.5	2.37	2.5	2.37	2.62
Total PO	22.99										Total PSO	12.36			
Average PO	2.29										Average PSO	2.47			



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INDAPUR,TAL.INDAPUR DIST-PUNE



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Attainment of CO- M.A. (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Narute Namdeo Arjun		MH Police Dept.
2.	Sonali Bibhishan Mukane	M.A. English	V.P. College of Education

Placement & Progression = 11.11%

Level = 1 (Low)

Attainment Level of CO-PO-PSO (M.A. 2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.54	1	1.23	0.20	1.43	2.29	2.47	Level 4


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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Calculation for CO Attainment - Academic Year 2021-22

Class: T. Y. B. A.

Sem: V

Sr. No.	Name of the student	Gr:320(A) - CO1			Gr:301(A) - CO2			Gr:310(A) - CO3			SEC-2C - CO4		
		Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment
1	AUTADE YASHODIP VIKAS	72	72	2	49	49	1	90	90	3	32	64	2
2	BARAKADE VISHAL NANA	94	94	3	AB	AB	1	72	72	2	35	70	2
3	GAIKWAD AJIT LAXMAN	22	22	1	45	45	1	87	87	3	29	58	1
4	GAIKWAD SANJAY DATTAIRAY	70	70	2	42	42	1	83	83	3	24	48	1
5	NAGARE PRADIP SANJAY	64	64	2	10	10	1	68	68	2	10	20	1
6	RATHOD CHETAN TIRUPATI	63	63	2	42	42	1	71	71	2	30	60	2
7	SANGAVE RUPALI JAYRAM	65	65	2	20	20	1	73	73	2	34	68	2
8	SAYYAD YASIN FIROJ	84	84	3	50	50	1	76	76	2	21	42	1
9	THORE SANJAY PRABHU	22	22	1	AB	AB	1	64	64	2	10	20	1
10	BANKAR GITANALI TUKARAM	79	79	2	42	42	1	76	76	2	27	54	1
11	BHONG MANGESH BABAN	78	78	2	42	42	1	83	83	3	31	62	2
12	CHOBE SWATI BABU	77	77	2	55	55	1	70	70	2	36	72	2
13	GAIKWAD ASHWINI GOPAL	66	66	2	63	63	2	74	74	2	34	68	2
14	GHADAGE SONAL SHANKAR	94	94	3	70	70	2	96	96	3	39	78	2
15	HARALE AVDHUT MAHADEV	72	72	2	60	60	1	88	88	3	31	62	2
16	HEGADE ASHWINI BHARAT	75	75	2	80	80	2	71	71	2	34	68	2
17	HEGADE ROHAN RAMESH	76	76	2	41	41	1	65	65	2	29	58	1
18	HIVARKAR SONALI SURESH	81	81	3	70	70	2	91	91	3	31	62	2
19	HOGALE NIKHIL RAMCHANDRA	85	85	3	80	80	2	94	94	3	36	72	2
20	KALE PRANALI ANANTA	64	64	2	64	64	2	91	91	3	34	68	2
21	MANE SHUBHAM DIPAK	84	84	3	51	51	1	89	89	3	36	72	2
22	RAUT ROHAN HANUMANT	82	82	3	44	44	1	61	61	2	26	52	1
23	SALUNKHE SHARAD DATTU	53	53	1	70	70	2	91	91	3	30	60	2
24	THORAT MANJULA MOHAN	83	83	3	75	75	2	87	87	3	40	80	3
25	YADAV RANJIT RAMARAM	83	83	3	64	64	2	78	78	2	30	60	2
Average				2.24			1.36			2.48			1.72

Dr. Gajanan Dhobale

Mr. Sandip Shinde

Dr. Sanjay Chakane

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 Arts, Science and Commerce College,

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Department of Geography
Calculation for CO Attainment - Academic Year 2021-22

Class: T. Y. B. A.

Sem: VI

Sr. No.	Name of the student	Gg:320(B) - CO5			Gg:301(B) - CO6			Gg:310(B) - CO7			SEC-2D - CO8		
		Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment
1	AUTADE YASHODIP VIKAS	73	73	2	47	47	1	65	65	2	35	70	2
2	BARAKADE VISHAL NANA	60	60	1	AB	AB	1	AB	AB	1	32	64	2
3	GAIKWAD AJIT LAXMAN	64	64	2	45	45	1	58	58	1	33	66	2
4	GAIKWAD SAJAN DATTATRAY	59	59	1	56	56	1	64	64	2	29	58	1
5	NAGARE PRADIP SANJAY	22	22	1	AB	AB	1	24	24	1	AB	#####	1
6	RAIHOD CHETAN TIRUPATI	60	60	1	29	29	1	62	62	2	16	32	1
7	SANGAVE RUPALI JAYRAM	54	54	1	52	52	1	55	55	1	35	70	2
8	SAYYAD YASIN FIROJ	69	69	2	53	53	1	78	78	2	33	66	2
9	THORE SAJAN PRABHU	26	26	1	12	12	1	56	56	1	14	28	1
10	BANKAR GITANJALI TUKARAM	61	61	2	17	17	1	65	65	2	27	54	1
11	BHONG MANGESH BABAN	52	52	1	20	20	1	75	75	2	34	68	2
12	CHOBE SWATI BABU	53	53	1	54	54	1	73	73	2	30	60	2
13	GAIKWAD ASHWINI GOPAL	80	80	2	71	71	2	79	79	2	36	72	2
14	GHADAGE SONAL SHANKAR	74	74	2	85	85	3	86	86	3	38	76	2
15	HARALE AVDHUT MAHADEV	80	80	2	61	61	2	77	77	2	36	72	2
16	HEGADE ASHWINI BHARAT	23	23	1	AB	AB	1	26	26	1	12	24	1
17	HEGADE ROHAN RAMESH	22	22	1	AB	AB	1	66	66	2	22	44	1
18	HIVARKAR SONALI SURESH	71	71	2	55	55	1	82	82	3	37	74	2
19	HOGALE NIKHIL RAMCHANDRA	79	79	2	78	78	2	85	85	3	38	76	2
20	KALE PRANALI ANANTA	65	65	2	52	52	1	83	83	3	30	60	2
21	MANE SHUBHAM DIPAK	66	66	2	53	53	1	67	67	2	40	80	3
22	RAUT ROHAN HANUMANT	61	61	2	7	7	1	70	70	2	34	68	2
23	SALUNKHE SHARAD DATTU	54	54	1	63	63	2	80	80	2	35	70	2
24	THORAT MANJULA MOHAN	80	80	2	56	56	1	86	86	3	39	78	2
25	YADAV RANJIT RAMARAM	55	55	1	64	64	2	60	60	1	31	62	2
	Average			1.52			1.28			1.92			1.76

Dr. Gajanan Dhobale

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Coordinator, IQAC
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 Indapur Tal. Indapur Dist Pune - 413106

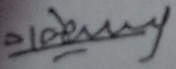
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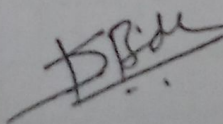
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Department of Geography
Calculation for CO Attainment - Academic Year 2021-22

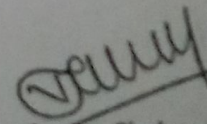
Class: T. Y. B. A.

Sem: V & VI

Semester	Course Code	Course Name	Course No.	Course Attainment
V	Gg:320(A)	Geography of India -I	CO1	2.24
	Gg:301(A)	Practical Geography – I	CO2	1.36
	Gg:310(A)	Geography of Disaster Management-I/Geography of Tourism- I	CO3	2.48
	SEC-2C	Research Methodology – I	CO4	1.72
VI	Gg:320(B)	Geography of India -II	CO5	1.52
	Gg:301(B)	Practical Geography – II	CO6	1.28
	Gg:310(B)	Geography of Disaster Management-II/Geography of Tourism- II	CO7	1.92
	SEC-2D	Research Methodology – II	CO8	1.76
			Average	1.79


Dr. Gajanan Dhobale
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2021-22

Class: T. Y. B. A.

Sem: V & VI

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	2	1	1	1	3	3	3	0	1	1	1	2	1
CO2	2	2	0	2	2	2	1	1	1	3	2	2	1	1	3
CO3	3	1	2	2	2	3	2	2	2	1	3	3	1	2	2
CO4	1	3	1	1	2	2	3	3	1	2	1	1	1	3	1
CO5	3	2	2	2	1	3	1	1	1	1	2	2	3	3	2
CO6	2	1	2	1	0	1	3	2	1	2	3	3	1	3	1
CO7	2	2	2	2	1	0	2	3	2	3	1	1	2	3	2
CO8	2	3	2	1	3	1	1	1	2	1	2	2	1	3	1
PO/PSO Attainment	1.84	1.74	1.86	1.80	1.84	1.80	1.82	1.86	1.92	1.66	1.76	1.76	1.75	1.77	1.76
Total PO	18.13										Total PSO	8.81			
Average PO	1.81										Average PSO	1.76			

Dr. Gajanan Dhobale

Head

Department of Geography
 Arts, Science and Commerce College,
 Indapur, Dist. Pune- 413106

Mr. Sandip Shinde

Coordinator, IQAC

Arts, Science & Commerce College
 Indapur Tal. Indapur Dist. Pune - 413106

Dr. Sanjay Chakane

PRINCIPAL

ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106 DIST-PUNE

Sr. No.	Name of the student	Degree	Institute
1	Savant Vishal Krishna	B. A.	Shtram City Finance, Indapur
2	Golande Priyanka Haridas	B. A.	JBVP's, Presidency International School, Lakhewadi

Placement & Progression = 25 %

Level = 2 (Moderate)

Dr. Gajanan Dhobale
 Head
 Department of Geography
 Arts, Science and Commerce College,
 Indapur, Dist. Pune-413108

Mr. Sandip Shinde
 Coordinator, QAC
 Arts, Science & Commerce College,
 Indapur Tal. Indapur Dist. Pune - 413108

Dr. Sanjay Chakane
 PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413108 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Attainment Level of CO/PO/PSO - Academic Year 2021-22

Class: T. Y. B. A.

Sem: V & VI

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	1.79	1	1.43	0.20	1.63	1.81	1.76	3

Dr. Gajanan Dhobale

Head

Geography

Arts, Science and Commerce College,
Indapur, Dist. - Pune- 413106

Mr. Sandip Shinde

Coordinator JAC

Arts, Science & Commerce College

Indapur Taluk Indapur Dist Pune - 413106

PRINCIPAL

Dr. Sagar Chakane
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2021-22

Class: T. Y. B. A.

Sem V & VI

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
V	Gg:320(A)	Geography of India -I	CO1	2.24	4	Significantly Achieved	Helpful in competitive exam
	Gg:301(A)	Practical Geography - I	CO2	1.36	2	Partially Achieved	Students are not interested
	Gg:310(A)	Geography of Disaster Management-I/Geography of Tourism-I	CO3	2.48	4	Significantly Achieved	Interested subject, conducted group activities
	SEC-2C	Research Methodology - I	CO4	1.72	3	Satisfactorily Achieved	
VI	Gg:320(B)	Geography of India -II	CO5	1.52	3	Satisfactorily Achieved	
	Gg:301(B)	Practical Geography - II	CO6	1.28	2	Partially Achieved	Students are not interested
	Gg:310(B)	Geography of Disaster Management-II/Geography of Tourism-II	CO7	1.92	3	Satisfactorily Achieved	
	SEC-2D	Research Methodology - II	CO8	1.76	3	Satisfactorily Achieved	

Mr. Gajanan Dhobale

Mr. Sandip Shinde

Coordinator, IQAC

Arts, Science & Commerce College

Indapur Tal Indapur Dist Pune - 413106

Dr. Sanjay Chakane

PRINCIPAL

ARTS, SCIENCE AND
COMMERCE COLLEGE

DEPARTMENT OF HINDI (A.Y. 2021-22) T.Y.B.A.

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	35091	Hindi Sahitya ka Itihas	(CO1)	2.5
	35092	Bhasha vidnyan	(CO2)	1.75
	35093	Kathettar Vidhaya	(CO3)	1.0
	35096	Patkatha Lekhan	(CO4)	2.0
SEM IV	36091	Hindi Sahitya ka Itihas	(CO5)	1.25
	36092	Hindi bhasha ka Vikas	(CO6)	1.0
	36093	Gazal Vidhaye Evam Patrachar	(CO7)	1.0
	36096	Sahitya Aur Philmantaran	(CO8)	1.5
			Total	12
			Average	1.5

DEPARTMENT OF HINDI (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	CO Attainment Level	Target achievement	Justification
Sem III	35091	Hindi Sahitya ka Itihas	(CO1)	2.5	4	Significantly achievement	
	35092	Bhasha vidnyan	(CO2)	1.75	3	Satisfied Achieved	
	35093	Kathettar Vidhaya	(CO3)	1.0	1	Partially Achieved	Needs To Improve Concept as well as Knowlege
	35096	Patkatha Lekhan	(CO4)	2.0	3	Satisfied Achieved	
SEM IV	36091	Hindi Sahitya ka Itihas	(CO5)	1.25	2	Partially Achieved	Needs To Improve Concept as well as Knowlege
	36092	Hindi bhasha ka Vikas	(CO6)	1.0	1	Partially Achieved	Needs To Improve Concept as well as Knowlege
	36093	Gazal Vidhaye Evam	(CO7)	1.0	1	Partially	Needs To

		Patrachar				Achieved	Improve Concept as well as Knowledge
	36096	Sahitya Aur Philmantaran	(CO8)	1.5	2	Partially Achieved	Needs To Improve Concept as well as Knowledge
			Total	12			
			Average	1.5			

Signature

डॉ. एस.एन. पवार
हिंदी विभाग प्रमुख
कला विज्ञान आणि दार्शनिक महाविद्यालय
इंदापूर, जि. पुणे, 413106

Signature

PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Attainment of CO (Indirect Method) 2021-22

Sr. No.	Name of the student	Degree	Institute
1	Gavhanne Mahesh Dattatraya	M.A	A.S.C. College Indapur, Dist-Pune
2	Bhong Ankita Dashrath	L.L.B.	Law College Baramati, Dist-Pune
		%	50%
		Attainment Level	3 (High)

Department of Hindi
CO Attainment T.Y.B.A.(2021-22)

	CO1		CO2		CO3		CO4		CO5		CO6		CO7		CO8									
	Marks	%	CO1 Atta	Marks%	CO2 Atta	Marks%	CO3 Atta	Marks	%	CO4 Atta	Marks	%	CO5 Atta	Marks	%	CO6 Atta	Marks	%	CO7 Atta	Marks	%	CO8 Atta		
Bhorg Anikta Deshrath	82	82	3	57	57	1	55	55	1	34	68	2	63	63	2	55	55	1	43	43	1	36	72	2
Gaithane Mahesh Dattatraya	25	25	1	51	51	1	53	53	1	34	68	2	54	54	1	35	35	1	52	52	1	30	60	1
Padle Sujit Harshchandra	87	87	3	77	77	2	54	54	1	37	74	2	51	51	1	49	49	1	54	54	1	32	64	2
Padle Sushant Suresh	91	91	3	85	85	3	53	53	1	36	72	2	52	52	1	48	48	1	59	59	1	27	54	1
Total			10			7			4		8		5					4			4		6	
Average			2.5			1.75			1		2		1.25					1			1		1.5	

CO-PO/PSO Mapping (Direct Method) Hindi 2021-22

O-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
01	3	2	3	2	1	3	2	3	2	2	2	1	3	3	3
02	2	3	2	1	3	2	3	2	1	3	3	3	2	3	2
03	3	2	3	2	1	3	2	3	2	3	2	2	3	2	2
04	3	2	3	2	2	3	1	3	2	3	3	2	2	3	3
05	3	2	3	2	3	1	2	2	3	3	2	3	2	2	3
06	3	3	2	2	3	2	2	1	2	3	2	2	2	3	2
07	3	2	3	3	2	2	3	2	1	3	3	2	3	2	2
08	3	2	3	2	3	3	2	2	3	3	2	3	2	3	2
total	23	18	22	16	18	19	17	18	16	23	19	18	19	21	19
O/PSO Attainment	2.87	2.25	2.75	2.0	2.25	2.37	2.12	2.25	2.0	2.87	2.27	2.25	2.37	2.62	2.37
Total PO	23.87											Total PSO	11.88		
Average PO	2.38											Average PSO =	2.37		

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po

dm

Principal

डॉ. एस. एन. पवार
हिंदी विभाग प्रमुख
कला विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, जि. पुणे. 413106

PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST. PUNE

CO-PO/PSO Mapping (Direct Method) Hindi 2021-22

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	2	1	3	2	3	2	2	2	1	3	3	3
Co2	2	3	2	1	3	2	3	2	1	3	3	3	2	3	2
Co3	3	2	3	2	1	3	2	3	2	3	2	2	3	2	2
Co4	3	2	3	2	1	3	2	3	2	3	2	2	3	2	2
Co5	3	2	3	2	2	3	1	3	2	3	3	2	2	3	3
Co6	3	3	2	2	3	1	2	2	3	3	2	3	2	2	3
Co7	3	2	3	3	2	2	2	1	2	3	2	2	2	3	2
Co8	3	2	3	2	2	2	3	2	1	3	3	2	3	2	2
Total	23	18	22	16	18	19	17	18	16	23	19	18	19	21	19
PO/PSO Attainment	2.87	2.25	2.75	2.0	2.25	2.37	2.12	2.25	2.0	2.87	2.27	2.25	2.37	2.62	2.37
Total PO	23.87														
Ave. PO	2.38														
											Total PSO	11.88			
											Average PSO =	2.37			

• Attainment level for PO's / PSO's

PO/ PSO Level	Target Attainment	Target Achievement
Level - 4	2.0 - 2.5	Significantly achieved PO/ PSO

Sec. No.	Department	Average attainment of course by direct method	Average attainment of course by indirect method	80% of average attainment of course by direct method (1)	70% of average attainment of indirect method	Attainment of CTO	Average attainment of CTO	Average attainment of 1940
13	Hindi	125	130	112	11	B-1	1.1	2.34
								2.27

Alpna

201 2021-22-23-24
 10th 10th 10th
 10th 10th 10th 10th 10th
 10th 10th 10th 10th 10th

Alpna

10th 10th 10th 10th 10th
 10th 10th 10th 10th 10th
 10th 10th 10th 10th 10th

TYBA Academic Year 2021-2022

Semester -V

Sr.No	Name of Student	35331			35332			35333			35334			35851			35852		
		CO1			CO2			CO3			CO4			CO5			CO6		
		Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt
1	Kachare Sonali Manik	45	45	1	47	47	1	60	60	1	29	58	1	0	0	0	0	0	0
2	More Shyam Vishnu	45	45	1	57	57	1	55	55	1	27	54	1	0	0	0	0	0	0
3	Bhong Shital Balu	53	53	1	64	64	2	59	59	1	35	70	2	0	0	0	0	0	0
4	Gavali Apurva C.	45	45	1	54	54	1	56	56	1	35	70	2	0	0	0	0	0	0
5	Jagtap Kishor dattatray	46	46	1	68	68	2	63	63	2	38	76	2	0	0	0	0	0	0
6	Kohe Rutuja Jaggannath	62	62	2	64	64	2	73	73	2	37	74	2	65	65	2	72	72	2
7	Londhe Smita vinayak	54	54	1	78	78	2	81	81	3	41	82	3	81	81	3	82	82	3
8	Salunkhe Sujit shivaji	52	52	1	68	68	2	61	61	2	34	68	2	58	58	1	72	72	2
Average		50.25	50.25	1.13	62.50	62.50	1.63	63.50	63.50	1.63	34.50	69.00	1.88	33.88	33.88	1.00	37.50	37.50	1.13

Semester -VI

Sr.No	Name of Student	36331			36332			36333			36334			36851			36852		
		CO7			CO8			CO9			CO10			CO11			CO12		
		Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt
1	Kachare Sonali Manik	62	62	2	66	66	2	62	62	2	36	72	2	0	0	0	0	0	0
2	More Shyam Vishnu	57	57	1	29	29	0	55	55	1	35	70	2	0	0	0	0	0	0
3	Bhong Shital Balu	64	64	2	55	55	1	59	59	1	38	76	2	0	0	0	0	0	0
4	Gavali Apurva C.	58	58	1	59	59	1	54	54	1	31	62	2	0	0	0	0	0	0
5	Jagtap Kishor dattatray	67	67	2	67	67	2	67	67	2	40	80	2	75	75	2	63	63	2
6	Kohe Rutuja Jaggannath	56	56	1	50	50	1	57	57	1	38	76	2	73	73	2	56	56	1
7	Londhe Smita vinayak	77	77	2	66	66	2	60	60	1	41	82	3	80	80	2	77	77	2
8	Salunkhe Sujit shivaji	51	51	1	40	40	1	46	46	1	34	68	2	71	71	2	53	53	1
Average		61.5	61.5	1.5	54	54	1.25	57.5	57.5	1.25	36.63	73.25	2.125	37.38	37.38	1	31.13	31.1	0.75

In Charge (Sr)

Arts Faculty

Art Science & Commerce College

Indapur (Pune) Pin-413106

Department of English

Art, Science and Commerce College

Indapur (Pune) Pin-413106

Principal

ARTS, SCIENCE AND COMMERCE COLLEGE

INDAPUR (PUNE) PIN-413106

DEPARTMENT OF English (A.Y. 2021-22_Choice Based Credit System 2019)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Sem. V	35331	Appreciating Novel	(CO1)	1.13	Partially achieved	Need to improve by conducting extra classes
	35332	Introduction to Literary Criticism	(CO2)	1.63	Satisfactorily achieved	
	35333	Enhancing Employability Skills	(CO3)	1.63	Satisfactorily achieved	
	35334	Mastering life Skills and Life Values	(CO4)	1.88	Satisfactorily achieved	
	35851	Functional English -5	(CO5)	1	Barely achieved	Need to improve by conducting extra classes
Sem. VI	35852	Functional English -6	(CO6)	1.13	Partially achieved	Need to improve by conducting extra classes
	36331	Appreciating Novel	(CO7)	1.5	Partially achieved	Need to improve by conducting extra classes
	36332	Introduction to Literary Criticism	(CO8)	1.25	Partially achieved	Need to improve by conducting extra classes
	36333	Enhancing Employability Skills	(CO9)	1.25	Partially achieved	Need to improve by conducting extra classes
	36334	Mastering life Skills and Life Values	(CO10)	2.12	Significantly achieved	
Sem. VI	36851	Functional English -5	(CO11)	1	Barely achieved	Need to improve by conducting extra classes
	36852	Functional English -6	(CO12)	0.75	Barely achieved	Need to improve by conducting extra classes
Total				16.27		
Average				1.35	Partially achieved	Need to improve by conducting extra classes

In-charge (Sr)

Arts Faculty

Art Science & Commerce College
Indapur (Pune) Pin-413105

Department of English
Arts, Science and Commerce College
Indapur, Dist-Pune, 413105

PRINCIPAL

ARTS, SCIENCE AND
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INDAPUR-413105 DIST-PUNE

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	3	2	1	3	2	3	3	2	3	3	2	3
Co2	3	3	2	2	2	3	2	3	1	2	3	2	3	1	2
Co3	2	3	1	1	2	3	1	2	2	2	3	2	2	2	2
Co4	2	2	2	2	2	2	2	2	1	2	2	0	2	2	3
Co5	3	2	3	2	3	3	0	2	1	2	2	1	2	2	2
Co6	1	3	3	3	2	1	2	1	3	2	1	1	1	2	2
Co7	2	3	2	3	1	2	3	3	2	2	2	1	1	2	1
Co8	2	2	3	2	0	2	2	0	3	1	3	2	2	3	0
Co9	3	3	2	1	2	0	2	2	3	1	3	2	3	3	2
Co10	2	3	1	1	1	2	1	2	2	3	2	2	0	2	3
Co11	2	2	2	3	1	1	2	3	3	2	3	2	2	1	3
Co12	3	3	3	2	2	3	3	3	2	2	2	2	2	3	2
Total	28	31	27	25	20	23	23	25	26	26	26	22	23	25	26
Attainment	1.33	1.37	1.26	1.29	1.32	1.38	1.31	1.35	1.29	1.37	1.38	1.32	1.31	1.34	1.37
Total	13.28										6.71				
Average	1.33										1.34				

PRINCIPAL
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In Charge (Sr)
Arts Faculty
Art Science & Commerce College
Indapur (Pune) Pin-413105

Head
Department of English
Arts, Science and Commerce College
Indapur, Dist-Pune, 413106

PO /PSO Direct Attainment =

$\frac{\sum \text{Overall CO attainment} \times \text{PO/PSO Level}}{\sum (\text{Level of mapping PO/PSO with CO})}$

$\sum (\text{Level of mapping PO/PSO with CO})$

Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.			
2.			

Placement & Progression = 00 %

Level = 1 (LOW)


Head

Department of English
Arts, Science and Commerce College
Indapur, Dist-Pune, 413106

In Charge (Sr)

Arts Faculty

Art Science & Commerce College
Indapur (Pune) Pin-413106

PRINCIPAL

ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

Attainment Level of CO-PO-PSO (A.Y. 2021-2022)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ENGLISH	1.35	1	1.08	0.20	1.28	1.33	1.33	Level 2

[Signature]
PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106 DIST-PUNE

[Signature]
In Charge (Sr)
 Arts Faculty
 Art Science & Commerce College
 Indapur (Pune) Pin-413106

[Signature]
 Head
 Department of English
 Arts, Science and Commerce College
 Indapur, Dist-Pune, 413106

DEPARTMENT OF PSYCHOLOGY (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Sem III	35221	Psychological Testing (Theory)	(CO1)	1.37	Partially achieved	Need to improve by taking extra classes and test
	35222	Psychological Testing (Practical)	(CO2)	2.18	Significantly achieved	
	35223	Industrial and Organizational Psychology	(CO3)	1.87	Satisfactorily achieved	
	35224	Personality Development-1	(CO4)	1.87	Satisfactorily achieved	
SEM IV	36221	Experimental Psychology (Theory)	(CO5)	1.68	Satisfactorily achieved	
	36222	Experimental Psychology (Practical)	(CO6)	2.31	Significantly achieved	
	36223	Applied Psychology	(CO7)	1.75	Satisfactorily achieved	
	36224	Personality Development-2	(CO8)	2.31	Significantly achieved	
			Total	15.34		
			Average	1.91	Satisfactorily achieved	

SMB
Head

Department of Psychology
A.S.C.College,Indapur,
Dist.Pune.413106

f
PRINCIPAL

ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNJ

DEPARTMENT OF PSYCHOLOGY (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	35221	Psychological Testing (Theory)	(CO1)	1.37
	35222	Psychological Testing (Practical)	(CO2)	2.18
	35223	Industrial and Organizational Psychology	(CO3)	1.87
	35224	Personality Development-1	(CO4)	1.87
SEM IV	36221	Experimental Psychology (Theory)	(CO5)	1.68
	36222	Experimental Psychology (Practical)	(CO6)	2.31
	36223	Applied Psychology	(CO7)	1.75
	36224	Personality Development-2	(CO8)	2.31
			Total	15.34
			Average	1.91

CO-PO/PSO Mapping (Direct Method) Psychology 2021-22

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	3	2	0	2	2	2	3	0	2	2	1
Co2	3	2	3	3	2	0	3	2	2	3	1	2	3	0	1
Co3	3	2	3	3	2	2	1	2	1	3	0	0	3	1	1
Co4	3	2	3	3	2	1	2	3	0	1	3	2	1	0	3
Co5	3	3	2	2	0	0	2	2	1	1	1	1	1	3	2
Co6	3	3	3	3	2	1	0	2	2	3	2	2	0	2	1
Co7	3	1	3	3	3	2	2	2	2	2	3	0	2	2	1
Co8	3	2	3	3	2	0	3	2	2	3	1	2	3	0	1
Total	24	16	23	23	16	8	13	17	12	18	14	9	15	10	11
PO/PSO Attainment	3	2	2.87	2.87	2	1	1.62	2.12	1.5	2.25	1.75	1.12	1.87	1.25	1.37
Total PO	21.23										Total PSO	7.36			
Ave.PO	2.12										Average	1.47			

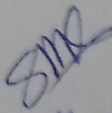
Attainment level for PO's/PSO's

PO/PSO Level	Target Attainment	Target Achievement
Level-3	1.5 - 2.0	Satisfactorily achieved PO/PSO

Attainment of CO (Indirect Method)			
Sr. No.	Name of the student	Degree	Institute
1	Durugkar Nisha Bahubali	M.A.	A.S.C. College Indapur, Dist-Pune
2	Lohar Varun Mahesh	M.A.	S.P. College Pune
3	Wankar Sarthak Sanjay	Counselling Diploma	Dhyamprabodhani pune
4	Sutar Rutvik Subhash	M.A.	T.C. College Baramati, Dist-Pune
5	Jawale Kanchan Bhimrao	M.A.	A.S.C. College Indapur, Dist-Pune

Placement and Progression= 31.25
Level = 2(Moderate)

Attainment Level of PO-PSO-CO (2021-22)								
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO
					II			
1	PSYCHOLOGY	1.91	2	1.52	0.4	1.92	2.12	1.47


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DEPARTMENT OF ECONOMICS (A.Y. 2021-22)

Course Attainment (Direct Method) (B.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
V	35151	Intentional Economics -I	(CO1)	1.6
	35152	Public Finance-I	(CO2)	1.7
	35153	Indian Economics Development-I	(CO3)	1.7
VI	36151	Intentional Economics -II	(CO4)	1.2
	36152	Public Finance-II	(CO5)	1.6
	36153	Indian Economics Development-II	(CO6)	1.6
			Total	9.4
			Average	1.56

HOD

Department of Economics
A.S.C.College,Indapur,
Dist.Pune.413106

Principal

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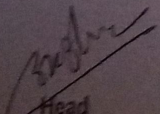
Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree/ JOB	Institute
1.	KARE .S.P	MA	A.S.C.COLLEGE INDAPUR
2.	BHALE P.P	MA	A.S.C.COLLEGE INDAPUR
3.	BHOI M.L	MA	A.S.C.COLLEGE INDAPUR
4.	CHOUDHARI S.S	MA	A.S.C.COLLEGE INDAPUR
5.	CHORMALE R.S	MA	A.S.C.COLLEGE INDAPUR
6.	KALUNKE D.T	MA	A.S.C.COLLEGE INDAPUR
7.	KHANDAGLE .D.M	MA	A.S.C.COLLEGE INDAPUR

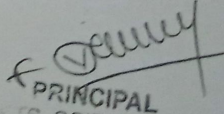
Placement & Progression = 7/18 x100 -

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	3	2	3	2	2	2	2	2	2	2	3	2	2	3
Co2	3	2	3	3	2	2	3	2	2	3	2	2	3	2	2
Co3	3	2	2	3	2	2	3	2	2	2	2	1	2	2	2
Co4	3	2	3	3	2	3	2	2	2	2	3	2	1	1	3
Co5	2	3	2	3	2	2	2	3	2	2	2	2	1	3	2
Co6	2	3	2	3	2	2	2	2	2	2	1	2	2	2	2
Total	15	15	14	18	12	13	14	13	12	13	12	12	11	12	14
PO/PSO															
Attainment															
Total Po	15.653663										Total Pos	7.843614719			
Average	1.5653663										Average	1.568722944			
CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	3	2	3	2	1	1	2	2	2	2	3	2	2	3

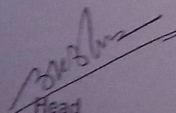

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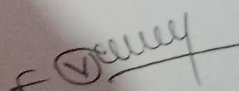
$$\text{PO /PSO Direct Attainment} = \frac{\sum (\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum (\text{Level of mapping PO/PSO with CO})}$$


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Attainment Level of CO-PO-PSO (A.Y. 2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.56	2	1.24	0.40	1.64	1.56	1.56	Level 3

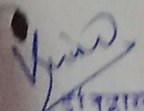

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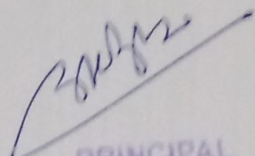

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	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Arts, Science and ommerce College, Indapur												
2	Course Attainment by Direct Method BA_ History 2021-22												
3			CO1			CO2			CO3			CO4	
4	Student Name	Marks	%	Atta.	Marks	%	Atta.	Marks	%	Atta.	Marks	%	Atta.
5	Asbe bharat ramchdr	59	59	1	57	57	1	81	81	3	0	0	1
6	Burunge mayuri bharat	68	68	2	59	59	1	62	62	2	0	0	1
7	Kavde Ankita mahavir	75	75	2	12	12	1	75	75	2	41	82	3
8	Nanvare shashank santosh	77	77	2	50	50	1	59	59	1	41	82	3
9	Thorat dhiraj ramesh	88	88	3	74	74	2	78	78	2	0	0	1
10	Tipale ganesh shivaji	84	84	3	62	62	2	84	84	3	46	92	3
11	Vyavahare chaitanya shrad	88	88	3	63	63	2	62	62	2	46	92	3
12	Akhade nikita bhaskar	84	84	3	89	89	3	75	75	2	47	94	3
13	Bhosle prafull vilas	87	87	3	95	95	3	88	88	3	47	94	3
14	Gavali pravin shankar	89	89	3	78	78	2	86	86	3	0	0	1
15	Gutal samadhan katilal	89	89	3	92	92	3	79	79	2	46	92	3
16	Hajare rohit baban	91	91	3	86	86	3	86	86	3	47	94	3
17	Jadhav ashwini ankush	85	85	3	82	82	3	67	67	2	48	96	3
18	Jagtap akshay balaso	88	88	3	63	63	2	70	70	2	39	78	2
19	Javalge kiran somnath	76	76	2	55	55	1	56	56	1	0	0	1
20	Kale sangram subhash	92	92	3	60	60	1	50	50	1	0	0	1
21	Kare yogita dada	75	75	2	67	67	2	78	78	2	44	88	3
22	Koli samadhan bhaskar	86	86	3	68	68	2	86	86	3	46	92	3
23	Keber ashwini tukaram	85	85	3	75	75	2	55	55	1	44	88	3
24	Nalavade pruthviraj nanaso	81	81	3	69	69	2	79	79	2	0	0	1
25	Shelar sushant jalindar	79	79	2	82	82	3	82	82	3	47	94	3
26	Shingade pallavi ram	84	84	3	84	84	3	81	81	3	46	92	3
27	Thorat komal mahadev	84	84	3	84	84	3	81	81	3	46	92	3

	A	B	C	D	E	F	G	H	I	J	K	L	M
28	Kshirsagar vidya dada	65	65	2	62	62	2	77	77	2	44	88	3
29	Waghmare akshata lala	68	68	2	53	53	1	88	88	3	42	84	3
30	Waghmode atul sambhaji	77	77	2	76	76	2	82	82	3	0	0	1
31	total / average	82	82	2.65	73	73	2	75	75	2	32	63	2
32				2.5			2			2.3			2.3
33													
34			CO5			CO6			CO7			CO8	
35	Student Name	Marks	%	Atta.	Marks	%	Atta.	Marks	%	Atta.	Marks	%	Atta.
36	Asbe bharat ramchdr	54	54	1	61	61	2	71	71	2	41	82	3
37	Burunge mayuri bharat	58	58	1	60	60	1	59	59	1	38	76	2
38	Kavde Ankita mahavir	53	53	1	57	57	1	72	72	2	42	84	3
39	Nanvare shashank santosh	24	24	1	0	0	1	24	24	1	20	40	1
40	Thorat dhiraj ramesh	52	52	1	62	62	2	61	61	2	23	46	1
41	Tipale ganesh shivaji	65	65	2	75	75	2	73	73	2	41	82	3
42	Vyavahare chaitanya shrad	73	73	2	81	81	3	74	74	2	40	80	3
43	Akhade nikita bhaskar	62	62	2	66	66	2	64	64	2	41	82	3
44	Bhosle prafull vilas	75	75	2	78	78	2	73	73	2	42	84	3
45	Gavali pravin shankar	57	57	1	0	0	1	61	61	2	38	76	2
46	Gutal samadhan katilal	74	74	2	80	80	3	73	73	2	41	82	3
47	Hajare rohit baban	61	61	2	57	57	1	65	65	2	38	76	2
48	Jadhav ashwini ankush	75	75	2	58	58	1	82	82	3	48	96	3
49	Jagtap akshay balaso	74	74	2	85	85	3	80	80	3	40	80	3
50	Javalge kiran somnath	49	49	1	47	47	1	56	56	1	34	68	2
51	Kale sangram subhash	53	53	1	60	60	1	50	50	1	31	62	2
52	Kare yogita dada	73	73	2	78	78	2	71	71	2	41	82	3
53	Koli samadhan bhaskar	60	60	1	57	57	1	51	51	1	38	76	2
54	Keber ashwini tukaram	66	66	2	68	68	2	78	78	2	42	84	3
55	Nalavade pruthviraj nanaso	71	71	2	72	72	2	63	63	2	41	82	3

	A	B	C	D	E	F	G	H	I	J	K	L	M
56	Shelar sushant jalindar	69	69	2	39	39	1	71	71	2	40	80	3
57	Shingade pallavi ram	81	81	3	74	74	2	67	67	2	42	84	3
58	Thorat komal mahadev	81	81	3	74	74	2	78	78	2	42	84	3
59	Kshirsagar vidya dada	49	49	1	60	60	1	57	57	1	35	70	2
60	Waghmare akshata lala	77	77	2	82	82	3	76	76	2	43	86	3
61	Waghmode atul sambhaji	70	70	2	75	75	2	76	76	2	42	84	3
62	total / average	67	67	2	63	63	2	68	68	2	40	80	3
63				1.6			1.6			1.9			2.5


 शिक्षा विभाग प्रमुख
 कला विज्ञान प्राप्ति वर्गकक्ष नं. १/विज्ञानकक्ष
 इंदोपुर, जि. पुणे


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Arts, Science and ommerce College, Indapur

DEPARTMENT OF HISTORY (BA) (A.Y. 2021-22)

Course Attainment(Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
SemV	35171	Introduction to historiography	(CO1)	2.5	Completely Achived	
	35172	Maharashtra in the 19 th century	(CO2)	2	Significantly Achived	
	35174	Indian national movement	(CO3)	2.3	Significantly Achived	
	35177	Research paper	(CO4)	2.3	Significantly Achived	
SEM VI	36171	Applied history	(CO5)	1.6	Satisfactory Achived	
	36172	Maharashtra 20 th century	(CO6)	1.6	Satisfactory Achived	
	36174	Indian national movement	(CO7)	1.9	Satisfactory Achived	
	36177	Research paper	(CO8)	2.5	Completely Achived	
		Total		16.7		
		Average		2.09	Significantly Achived	

इतिहास विभाग
कला विभागा आणि वाणिज्य महाविद्यालयात
इंदापूर, जि. पुणे

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Arts, Science and Commerce College, Indapur

Attainment of CO- (Indirect Method) 2021-22 **BA**

Sr. No.	Name of the student	Degree	Institute
1	Asabe Bharat Ramchandra	M.A.	Arts, Science and Commerce College, Indapur
2	Tipale Ganesh Shivaji	M.A.	Arts, Science and Commerce College, Indapur
3	Gutal Samadhan Kanitlal	M.A.	Arts, Science and Commerce College, Indapur
4	Waghmode Atul Sambhaji	M.A.	Arts, Science and Commerce College, Indapur
5	Thorat Komal Mahadeo	M.A.	Arts, Science and Commerce College, Indapur
6	Akhade Nikita Bhaskar	M.A.	Arts, Science and Commerce College, Indapur
Placement & Progression			
Level			
6/26 X 100 = 23.73			
2			

Kind

इति नाना विभाग प्रमुख
विभाग प्राणि वाणिज्य महाविद्यालय
हरद्वार, जि. पूर्ण

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Arts, Science and ommerce College, Indapur

Department of History, COOP/PSO Mapping (Direct Method) 2021-22 BA

COOP/PSO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	1	3	1	2	2	2	3	1	2	2	1
Co2	0	2	1	1	2	0	3	2	3	3	2	2	3	3	2
Co3	2	2	3	3	3	2	2	1	1	2	0	0	3	1	1
Co4	3	2	1	1	2	1	1	2	2	1	3	2	1	2	3
Co5	2	3	2	2	1	2	0	3	1	1	1	3	1	2	2
Co6	1	3	3	3	0	1	2	2	1	3	0	2	2	0	1
Co7	3	2	3	1	2	3	1	3	2	3	1	2	3	2	3
Co8	2	3	3	3	2	1	2	3	2	3	2	3	3	2	3
Total	16	18	19	17	13	13	12	18	14	18	12	15	18	14	16
PO/PSO attainment	2.16	2.03	2.10	2.12	2.18	2.11	2.13	2.06	2.14	2.08	2.24	2.03	2.12	2.14	2.11
TOTAL PO	21.11										TOTAL PSO	10.63			
Average	2.11										Average	2.13			
Attainment = $\frac{\sum \text{Overall CO attainment}}{\sum \text{Level of mapping PO}}$															

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इंदरपुर, वि. पूणे

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Arts, Science and Commerce College, Indapur

Department of History. Attainment Level of CO-PO-PSO (A.Y. 2021-22)

5A

Department of History, Attainment Level of CO-1 to CO-8											
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)		20% of Average attainment of indirect method II		Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	History	2.09	2	1.67	0.4	2.07	2.11	2.13	Level 4		

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment - Academic Year 2021-22

Class: T. Y. B. Sc.

Sem: V & VI

Student	Gg-351			Gg-352			Gg-353			Gg-354			Gg-355			Gg-356			Gg-357			Gg-358		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co8 Attainment
S1	47	94	3	31	62	2	39	78	2	36	72	2	32	64	2	36	72	2	31	62	2	33	66	2
S2	27	54	1	24	48	1	27	54	1	25	50	1	26	52	1	24	48	1	28	56	1	21	42	1
S3	48	96	3	30	60	1	47	94	3	40	80	2	38	76	2	39	78	2	31	62	2	36	72	2
Avg			2.33			1.33			2.00			1.67			1.67			1.67			1.67			1.67

Student	Gg-359			Gg-3510			Gg-3511			Gg-361			Gg-362			Gg-363			Gg-364			Gg-365		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co7 Attainment
S1	28	56	1	35	70	2	27	54	1	35	70	2	35	70	2	31	62	2	35	70	2	36	72	2
S2	34	68	2	38	76	2	37	74	2	29	58	1	22	44	1	23	46	1	21	42	1	30	60	1
S3	33	66	2	43	86	3	36	72	2	34	68	2	27	54	1	36	72	2	32	64	2	37	74	2
Avg			1.67			2.33			1.67			1.67			1.33			1.67			1.67			1.67

Student	Gg-366			Gg-367			Gg-368			Gg-369			Gg-3610			Gg-3611		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	31	62	2	29	58	1	12	24	1	39	78	2	36	72	2	34	68	2
S2	26	52	1	26	52	1	12	24	1	38	76	2	33	66	2	36	72	2
S3	31	62	2	31	62	2	20	40	1	40	80	2	40	80	2	37	74	2
Avg			1.67			1.33			1.00			2.00			2.00			2.00

Dr. Gajanan Dhobale
Dr. Gajanan Dhobale

Mr. Sandip Shinde
Mr. Sandip Shinde

Dr. Sanjay Chakane
Dr. Sanjay Chakane

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Coordinator IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106

Department of Geography
Arts, Science and Commerce College,
Indapur Tal. - Pune- 413106

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2021-22

Class: T.Y. B. Sc.

Sem V & VI

Semester	Course Code	Course Name	Course No.	Course Attainment
V	Gg-351	Regional Geography of India-I	CO1	2.33
	Gg-352	Geography of Economic Activities-I	CO2	1.33
	Gg-353	Fundamentals of Tourism	CO3	1.67
	Gg-354	Geography of Soil-I	CO4	1.67
	Gg-355	Management of Natural Disasters	CO5	1.67
	Gg-356	Geoinformatics-I	CO6	1.67
	Gg-357	Techniques in Quantitative Analysis	CO7	1.67
	Gg-358	Field Techniques in Geography	CO8	1.67
	Gg-359	Techniques in Geomorphology	CO9	2.33
	Gg-3510	Research Methodology - I	CO10	1.67
	Gg-3511	Elementary Surveying	CO11	1.67
VI	Gg-361	Regional Geography of India-II	CO1	1.67
	Gg-362	Geography of Economic Activities-II	CO2	1.33
	Gg-363	Tourism Activities and Management	CO3	1.67
	Gg-364	Geography of Soil-II	CO4	1.67
	Gg-365	Management of Manmade Disasters	CO5	1.67
	Gg-366	Geoinformatics-II	CO6	1.67
	Gg-367	GIS Based Project Report	CO7	1.33
	Gg-368	Maps and Mapping Techniques	CO8	1.00
	Gg-369	Soil and Sediment Analysis	CO9	2.00
	Gg-3610	GG 3610 Research Methodology - II	CO10	2.00
	Gg-3611	GG 3611 Total Station Surveying	CO11	2.00
			Avg	1.70

Dr. Gajanan Dhobale

Mr. Sandip Shinde

Dr. Sanjay Chakane

Department of Geography
Arts, Science and Commerce College,

Coordinator, LOAC
Arts, Science & Commerce College

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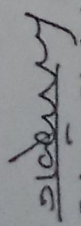
ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography

Attainment Level of CO/PO/PSO - Academic Year 2021-22

Class: T. Y. B. Sc.

Sem: V & VI

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	1.70	1	1.36	0.20	1.56	1.68	1.70	3

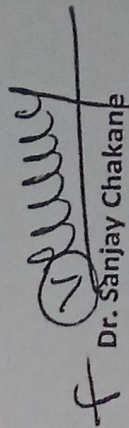

Dr. Gajanan Dhobale

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. Pune- 413106



Mr. Sandip Shinde

Coordinator IQAC
Arts, Science & Commerce College
Indapur, Dist. Pune - 413106


Dr. Sanjay Chakane

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INDAPUR-413106 DIST-PUNE

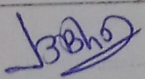
DEPARTMENT OF CHEMISTRY (A.Y. 2021-22)

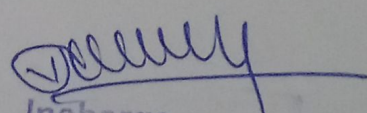
Course Attainment T.Y.B.Sc (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
SEM V	CH-501	Physical Chemistry-I	(CO1)	1.76
	CH-510B	Polymer Chemistry	(CO2)	2.21
	CH-511A	Environmental Chemistry	(CO3)	1.97
	CH-502	Analytical Chemistry	(CO4)	1.63
	CH-503	Physical Chemistry Practical	(CO5)	2.29
	CH-504	Inorganic Chemistry	(CO6)	1.66
	CH-505	Industrial Chemistry	(CO7)	1.98
	CH-506	Inorganic Chemistry Practical	(CO8)	2.41
	CH-507	Organic Chemistry-I	(CO9)	1.78
	CH-508	Chemistry of Biomolecules	(CO10)	2.74
	CH-509	Organic Chemistry Practical	(CO11)	2.51
SEM VI	CH-601	Physical Chemistry-II	(CO12)	0.79
	CH-602	Physical Chemistry-III	(CO13)	1.39
	CH-610A	Chemistry of Soil and Agrochemicals	(CO14)	1.08
	CH-611A	Analytical Chemistry-II	(CO15)	0.77
	CH-603	Physical Chemistry Practical-II	(CO16)	2.27
	CH-604	Inorganic Chemistry-II	(CO17)	1.39
	CH-605	Inorganic Chemistry-III	(CO18)	1.17
	CH-606	Inorganic Chemistry Practical-II	(CO19)	2.11
	CH-607	Organic Chemistry-II	(CO20)	1.33
	CH-608	Organic Chemistry-III	(CO21)	0.82
	CH-609	Organic Chemistry Practical-II	(CO22)	2.22

Total-38.28

Average-1.74


Head
 Department Of Chemistry
 Arts, Science & Commerce
 College, Indapue, Dist. Pune


Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapue, Dist. Pune

Principal and
Arts, Science College
Commur-413106 Dist-Pune
NDA Pur-413106

17
Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist.Pune

Co Attainment Indirect Method T.Y Chemistry 2021-22

Sr. No.	Name of the student	Degree	Institute
1	WAGHMARE AMRUTA CHANDRAK	M. Sc.	A.S.C. College Indapur, Dist-Pune
2	KSHIRSAGAR MEEERA RAMKRUSHN	M. Sc.	A.S.C. College Indapur, Dist-Pune
3	CHAVAN SHANKLESH SUDESH	M. Sc.	A.S.C. College Indapur, Dist-Pune
4	VADAPURE PRIYA BABASAHEB	M. Sc.	A.S.C. College Indapur, Dist-Pune
5	GHOHARE POOJA MOTILAL	M. Sc.	A.S.C. College Indapur, Dist-Pune
6	SOLAPURE SHRUTIKA RAMAKANT	M. Sc.	A.S.C. College Indapur, Dist-Pune
7	SURVASE AJAY BALASAHEB	M. Sc.	A.S.C. College Indapur, Dist-Pune
8	PADULE GAURI CHANGDEV	M. Sc.	A.S.C. College Indapur, Dist-Pune
9	NANAWARE SAKSHI PANDIT	M. Sc.	A.S.C. College Indapur, Dist-Pune
10	KUMBHAR ABHIJEET MADHUKAR	M. Sc.	A.S.C. College Indapur, Dist-Pune
11	DHAWARE RUTIK BRAMHDEV	M. Sc.	A.S.C. College Indapur, Dist-Pune
12	RAUT JAY PRAKASH	M. Sc.	A.S.C. College Indapur, Dist-Pune
13	MAKHARE NIKITA NITIN	M. Sc.	A.S.C. College Indapur, Dist-Pune
14	GATKUL VISHWARAJ BHASKAR	M. Sc.	A.S.C. College Indapur, Dist-Pune
15	BHOSALE SNEHAL BAPU	M. Sc.	A.S.C. College Indapur, Dist-Pune
16	GHODAKE DHANSHRI JALINDHAR	M. Sc.	A.S.C. College Indapur, Dist-Pune
17	DOKE BHARTI ANIL	M. Sc.	A.S.C. College Indapur, Dist-Pune
18	VYAWAHARE POONAM RAMCHAN	M. Sc.	A.S.C. College Indapur, Dist-Pune
19	PAREKAR RAHUL SHIVAJI	M. Sc.	A.S.C. College Indapur, Dist-Pune
20	KARANDE LAHU BALASAHEB	M. Sc.	A.S.C. College Indapur, Dist-Pune
21	SADEKAR POONAM SANTOSH	M. Sc.	A.S.C. College Indapur, Dist-Pune
22	PONDKULE VRUSHALI SUNIL	M. Sc.	Wadia College Pune, Dist-Pune
23	SHINDE AVINASH HARIDAS	M. Sc.	Wadia College Pune, Dist-Pune
24	SHINDE SNEHA MAHADEO	M. Sc.	Wadia College Pune, Dist-Pune
25	YELE YUVRAJ BALASAHEB	M. Sc.	Furgusson College Pune, Dist-Pune
26	PADULE SNEHAL SHIVAJI	M. Sc.	Furgusson College Pune, Dist-Pune
27	BANSODE ROHIT PRAKASH	M. Sc.	S.P College Pune, Dist-Pune

Placement and Progression = 27.00%

Level = 2 (Moderate)

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[Signature]
Head
 Department Of Chemistry
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

Attainment Level of PO-PSO-CO T.Y Chemistry (A.Y.2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment level of PO/PSO
				(I)	II	I+II			
1	CHEMISTRY	1.74	2	1.39	0.4	1.79	1.72	1.75	3

[Signature]
Head
 Department Of Chemistry
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

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PRINCIPAL
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 INDAPUR 413106 DIST. PUNE

DEPARTMENT OF CHEMISTRY –T.Y.B.Sc. (A.Y. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
SEM V	CH-501	Physical Chemistry-I	(CO1)	1.76	3	Satisfactorily achieved	
	CH-510B	Polymer Chemistry	(CO2)	2.21	4	Significantly achieved	
	CH-511A	Environmental Chemistry	(CO3)	1.97	3	Satisfactorily achieved	
	CH-502	Analytical Chemistry	(CO4)	1.63	3	Satisfactorily achieved	
	CH-503	Physical Chemistry Practical	(CO5)	2.29	4	Significantly achieved	
	CH-504	Inorganic Chemistry	(CO6)	1.66	3	Satisfactorily achieved	
	CH-505	Industrial Chemistry	(CO7)	1.98	3	Satisfactorily achieved	
	CH-506	Inorganic Chemistry Practical	(CO8)	2.41	4	Significantly achieved	
	CH-507	Organic Chemistry-I	(CO9)	1.78	3	Satisfactorily achieved	
	CH-508	Chemistry of Biomolecules	(CO10)	2.74	5		
	CH-509	Organic Chemistry Practical	(CO11)	2.51	4	Significantly achieved	Extra classes conducted, group discussion, question bank solved by students
SEM VI	CH-601	Physical Chemistry-II	(CO12)	0.79	1	Barely achieved	Needs to improve concept and knowledge of subject by taking extra lectures and group discussion

	CH-602	Physical Chemistry-III	(CO13)	1.39	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CH-610A	Chemistry of Soil and Agrochemicals	(CO14)	1.08	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CH-611A	Analytical Chemistry-II	(CO15)	0.77	1	Barely achieved	Needs to improve concept and knowledge of subject by taking extra lectures and group discussion
	CH-603	Physical Chemistry Practical-II	(CO16)	2.27	4	Significantly achieved	Extra classes conducted, group discussion, question bank solved by students
	CH-604	Inorganic Chemistry-II	(CO17)	1.39	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CH-605	Inorganic Chemistry-III	(CO18)	1.17	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CH-606	Inorganic Chemistry Practical-II	(CO19)	2.11	4	Significantly achieved	Extra classes conducted, group discussion, question bank solved by students
	CH-607	Organic Chemistry-II	(CO20)	1.33	2	Partially achieved	Needs to improve concept and knowledge of subject by taking extra lectures
	CH-608	Organic Chemistry-III	(CO21)	0.82	1	Barely achieved	Needs to improve concept and knowledge of subject by taking extra lectures and group discussion
	CH-609	Organic Chemistry Practical-II	(CO22)	2.22	4	Significantly achieved	Extra classes conducted, group discussion, question bank solved by students
			Total	38.28			
			Average	01.74			

Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune

Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune

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Department of Mathematics (AY 2021-22)
Course Attainment T.Y.B.Sc. (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
V	35111	Metric Spaces	CO1	1.92
	351110	Programming in Python-I	CO2	2.00
	351111	Latex for Scientific Writing	CO3	2.67
	35112	Real Analysis-I	CO4	1.83
	35113	Group Theory	CO5	2.17
	35114	Ordinary Differential Equations	CO6	1.83
	35115A	Operations Research	CO7	2.50
	35116B	Laplace Transforms and Fourier Series	CO8	2.75
	35117	Practical Course Lab-I	CO9	2.42
	351118	Practical Course Lab-II	CO10	2.50
VI	351119	Practical Course Lab-III	CO11	2.58
	36111	Complex Analysis	CO12	1.67
	361110	Programming in Python-II	CO13	3.00
	361111	Mathematics into Latex	CO14	2.67
	35112	Real Analysis-II	CO15	1.08
	36113	Ring Theory	CO16	1.58
	36114	Partial Differential Equations	CO17	1.25
	36115A	Optimization Techniques	CO18	1.83
	36116B	Lebesgue Integration	CO19	1.83
	36117	Practical Course Lab-I	CO20	2.67
	361118	Practical Course Lab-II	CO21	2.92
	361119	Practical Course Lab-III	CO22	2.75
				48.42
Total				2.20
Average				

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CO-PO-PSO Matrix T.Y.B.Sc. (AY 2021-22)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	3	2	1	2	3	2	0	2	1	2	3
CO3	0	2	3	1	0	3	2	3	2	3	2	3	1	3	2
CO4	1	2	3	2	0	2	1	2	3	2	2	3	2	1	0
CO5	2	3	2	1	3	2	3	1	2	3	0	3	2	3	2
CO6	1	1	1	0	1	2	3	1	2	1	2	1	1	3	1
CO7	2	2	2	2	0	2	3	2	1	2	2	3	2	3	3
CO8	0	1	3	1	3	2	3	1	3	2	3	1	3	2	1
CO9	2	1	2	3	2	2	2	1	2	2	3	2	2	1	3
CO10	1	2	1	0	2	1	1	3	1	1	0	3	1	1	0
CO11	3	2	1	2	3	2	1	3	0	3	2	3	2	1	3
CO12	1	1	1	1	0	1	2	1	2	1	3	1	2	1	1
CO13	2	2	2	2	2	2	1	2	1	2	2	3	2	3	0
CO14	2	1	1	1	1	1	1	1	1	1	2	1	3	1	0
CO15	2	2	2	0	2	2	2	2	2	2	2	2	2	2	3
CO16	1	2	3	1	2	3	1	2	3	1	2	2	1	2	2
CO17	3	2	1	2	0	2	3	2	2	3	2	3	2	3	1
CO18	3	3	3	1	2	1	1	2	2	2	3	2	3	1	2
CO19	0	0	2	2	3	2	2	3	2	3	2	3	1	3	1
CO20	1	3	1	2	1	3	1	1	1	3	1	3	1	3	1
CO21	0	2	2	0	0	1	2	1	2	0	3	2	1	1	2
CO22	3	1	0	2	1	3	2	3	0	3	2	1	2	3	1
Attainment	2.19	2.27	2.22	2.26	2.18	2.26	2.24	2.25	2.20	2.23	2.25	2.26	2.21	2.25	2.30
Average									2.23						2.25

HEAD

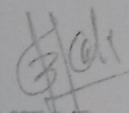
Department Of Mathematics
Ario, Science & Commerce College
Indapur (Pune)

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Ario, Science & Commerce
College Indapur, Dist. Pune

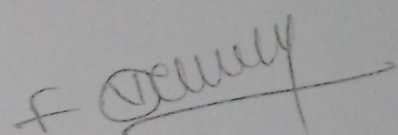
Attainment of CO 2021-22 T.Y.B.Sc. (Indirect Method)

Sr.No.	Name of The Student	Degree	Institute
1	Sakhare Gauri D.	M.sc.	Tuljaram Chaturchand College Baramati
2	Gurav Puja M.	Job	India Post
3	Hegadkar Vaibhav B.	M.sc.	Department of Mathematics, SPPU, Pune
4	Kasbe Mayur B.	Job	Star English School & Jr. College Nandore
5	Lokare Swarupa P.	M.sc.	Department of Mathematics, SPPU, Pune

Placement and Progression = 41.67
 Level = 3


HEAD

Department Of Mathematics
 Arts, Science & Commerce College
 Indapur (Pune)


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Arts, Science & Commerce
 College, Indapur, Dist Pune

Attainment Level of PO-PSO-CO T.Y.B.Sc. (2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of Indirect Method		Attainment of CO	Average Attainment of PO	Average Attainment of PSO
					I	II			
1	Mathematics	2.20	3	1.76	0.6		2.36	2.23	

[Signature]

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Department Of Mathematics
Science & Commerce College
Indapur (Pune)

Principal
Science & Commerce
College, Indapur Dist. Pune

Department Of Microbiology
Course Attainment for the Year 2021-22

Class – T.Y.B.Sc

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem V	MB.351	Medical Microbiology I	(CO1)	1.9	3	Satisfactorily achieved	Extra classes conducted, discussion, question bank solved by students
	MB. 352	Immunology I	(CO2)	2.0	3	Satisfactorily achieved	
	MB.353	Enzymology	(CO3)	2.1	4	Significantly achieved	
	MB.354	Genetics	(CO4)	1.9	3	Satisfactorily achieved	Extra classes conducted, group discussion
	MB.355	Fermentation Technology I	(CO5)	2.1	4	Significantly achieved	
	MB.356	Agricultural Microbiology	(CO6)	2.2	4	Significantly achieved	
	MB 3510	Marine Microbiology	(CO7)	2.1	4	Significantly achieved	
	MB 3511	Dairy Microbiology	(CO8)	1.8	3	Satisfactorily achieved	
SEM VI	MB.361	Medical Microbiology II	(CO9)	1.3	2	Partially achieved	Needs to improve concept knowledge of subject
	MB.362	Immunology II	(CO10)	1.1	2	Partially achieved	Needs to improve concept knowledge of subject
	MB.363	Metabolism	(CO11)	1.0	1	Barely achieved	Needs to improve concept knowledge of subject
	MB.364	Molecular Biology II	(CO12)	1.2	2	Partially achieved	Needs to improve concept knowledge of subject
	MB. 365	Fermentation Technology II	(CO13)	1.2	2	Partially achieved	Needs to improve concept knowledge of subject
	MB.366	Food Microbiology	(CO14)	1.2	2	Partially achieved	Needs to improve concept knowledge of subject
	MB 3610	Waste Management	(CO15)	1.4	2	Partially achieved	Needs to improve concept knowledge of subject
	MB 3611	Nanobiotechnology	(CO16)	1.1	2	Partially achieved	Needs to improve concept knowledge of subject
Practical	MB. 357	Practical Course I	(CO17)	2.2	4	Significantly achieved	
	MB. 358	Practical Course II	(CO18)	2.0	3	Satisfactorily achieved	

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College Indapur, Dist. Pune

	MB. 359	Practical Course III	(CO19)	2.4		Significantly ac
	MB. 367	Practical Course I	(CO20)	2.0	3	Satisfactorily achieved
	MB. 368	Practical Course II	(CO21)	2.2	4	Significantly ac
	MB. 369	Practical Course III	(CO22)	1.9	3	Satisfactorily achieved
			Total	39.18		
			Average	1.78		

HSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Microbiology
Course Attainment (Direct Method) - Academic Year 2021-22

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem V	MB351	Medical Microbiology-I	(CO1)	1.973684211
	MB352	Immunology-I	(CO2)	2.05263
	MB353	Enzymology	(CO3)	2.105263158
	MB354	Genetics	(CO4)	1.973684211
	MB355	Fermentation Technology-I	(CO5)	2.105263158
	MB356	Agricultural Microbiology	(CO6)	2.236842105
	MB3510	Marine Microbiology	(CO7)	2.184210526
	MB3511	Dairy Microbiology	(CO8)	1.842105263
SEM VI	MB361	Medical Microbiology II	(CO9)	1.394736842
	MB362	Immunology II	(CO10)	1.105263158
	MB363	Metabolism	(CO11)	1.052631579
	MB364	Molecular Biology	(CO12)	1.263157895
	MB365	Fermentation Technology II	(CO13)	1.210526316
	MB366	Food Microbiology	(CO14)	1.263157895
	MB3610	Waste management	(CO15)	1.447368421
	MB3611	Nano biotechnology	(CO16)	1.157894737
Practical	MB357	Practical Course I	(CO17)	2.236842105
	MB358	Practical Course II	(CO18)	2
	MB359	Practical Course III	(CO19)	2.421052632
	MB367	Practical Course I	(CO20)	2
	MB368	Practical Course II	(CO21)	2.210526316
	MB369	Practical Course III	(CO22)	1.947368421
Total				39.18420895
Ave				1.781100407

H.O.D. of
Microbiology Department

Principal
ARTS, SCIENCE AND
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
 Department of Microbiology
 Course Attainment (Direct Method) - Academic Year 2021-22

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	2	1	3	2	3	2	1	3	1	1	1	2	2
CO2	2	1	2	2	1	2	2	3	1	1	2	2	0	2	3
CO3	1	2	2	1	2	2	1	2	2	2	2	3	2	3	1
CO4	3	3	3	0	1	3	1	2	0	1	3	2	3	2	2
CO5	2	1	1	1	2	1	2	1	2	1	2	3	1	3	3
CO6	1	2	2	3	3	2	3	3	3	2	3	2	2	1	2
CO7	0	3	3	1	1	1	1	1	1	1	2	3	2	0	1
CO8	2	1	1	0	2	1	0	2	2	3	1	2	2	2	2
CO9	3	2	2	1	3	2	3	1	3	2	2	3	3	3	0
CO10	1	3	3	1	1	1	1	0	2	1	3	2	2	2	2
CO11	2	1	1	2	2	2	2	1	1	1	1	3	3	0	3
CO12	1	1	1	1	2	3	0	1	1	1	2	2	3	1	2
CO13	3	3	2	1	2	3	2	1	2	3	0	2	3	1	2
CO14	2	1	3	2	3	3	1	1	1	2	0	2	3	2	2
CO15	1	2	1	1	3	2	1	0	3	3	2	2	2	2	3
CO16	2	3	1	3	1	2	1	2	3	1	1	3	1	1	2
CO17	3	2	2	0	2	2	1	3	1	1	0	1	2	3	2
CO18	2	1	3	2	3	2	1	1	2	3	3	3	3	3	3
CO19	1	3	1	2	1	3	2	3	2	3	3	2	3	1	2
CO20	3	3	2	1	1	3	2	3	1	3	0	2	2	2	1
CO21	1	3	2	1	3	3	3	2	2	2	1	3	1	1	1
CO22	3	2	3	2	1	2	3	2	2	3	2	2	2	3	1
Total PO	42	44	43	29	43	47	36	37	38	43	36	50	46	40	41
Total PO	1.8	1.8	1.8	1.7	1.77	1.776	1.85	1.94	1.753	1.82	1.85	1.77	1.73	1.83	1.7997
Average PO	1.80										1.79				

H.O.D. of
 Microbiology Department

[Signature]
 PRINCIPAL
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 INDAPUR-413106 DIST-PUNE

Indirect Assessments Method - 20%

Sr. No.	Name of the student	Degree	Institute
1	Pathan Faujiya Aris	M. Sc.	A.S.C. college Of Indapur
2	Sapkal Mayuri Dilip	M. Sc.	A.S.C. college Of Indapur
3	Harnaval Shraddha Sanjay	M. Sc.	A.S.C. college Of Indapur
4	Patil Arati Khanderao	M. Sc.	A.S.C. college Of Indapur
5	Momin Sufiyan Matin	M. Sc.	A.S.C. college Of Indapur
6	Misal Pranaya Anil	M. Sc.	A.S.C. college Of Indapur
7	Kale Ankita Rajendra	M. Sc.	A.S.C. college Of Indapur
8	Devgunde Pooja Balasaheb	M. Sc.	A.S.C. college Of Indapur
9	Vyawahare Amruta Anil	M. Sc.	A.S.C. college Of Indapur
10	Vyawahare Rutuja Jotiram	M. Sc.	A.S.C. college Of Indapur
11	Waghamare Manik Shrikisan	M. Sc.	A.S.C. college Of Indapur

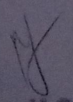
Placement And Progression =28.94%	Level =2(Moderate)
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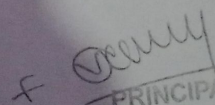
H.O.D. of
Microbiology Department

PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Attainment Level of CO-PO-PSO (A.Y. 2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	Microbiology	1.78	2	1.424	0.4	1.824	1.800682084	1.793689875	Level 2

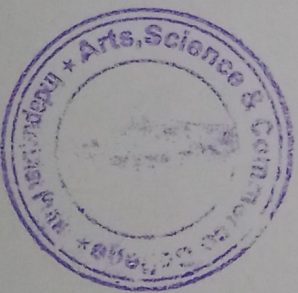

 H.O.D. of
 Microbiology Department


 PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 ANDAPUR-413106 DIST-PUNE

Z 02/05/21

V. G

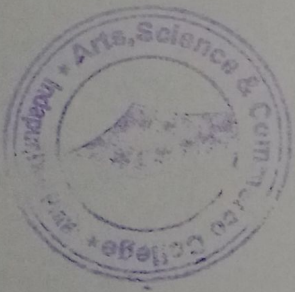
Student Name		CO1				CO2				CO3				CO4				CO5				CO6				CO7				CO8				CO9				CO10			
	Mark s	% Attainm ent	CO1 Mark s	% Attainm ent	CO2 Mark s	% Attainm ent	CO3 Mark s	% Attainm ent	CO4 Mark s	% Attainm ent	CO5 Mark s	% Attainm ent	CO6 Mark s	% Attainm ent	CO7 Mark s	% Attainm ent	CO8 Mark s	% Attainm ent	CO9 Mark s	% Attainm ent	CO10 Mark s	% Attainm ent		Mark s	% Attainm ent	CO9 Mark s	% Attainm ent	CO10 Mark s	% Attainm ent		Mark s	% Attainm ent									
S1	42	84	3	43	86	3	44	88	3	49	98	3	37	74	2	37	74	2	39	78	2	36	72	2	35	70	2	36	72	2	38	76	2								
S2	39	78	2	42	84	3	41	82	3	41	82	3	39	78	2	42	84	3	39	78	2	40	80	2	34	68	2	33	66	2	33	66	2								
S3	36	72	2	45	90	3	38	76	2	44	88	3	37	74	2	40	80	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
S4	42	84	3	40	80	2	42	84	3	36	72	2	33	66	2	37	74	2	41	82	3	39	78	2	38	76	2	35	70	2	31	62	2								
S5	37	74	2	40	80	2	41	82	3	37	74	2	31	62	2	35	70	2	40	80	2	39	78	2	34	68	2	38	76	2	37	74	2								
S6	39	78	2	46	92	3	44	88	3	47	94	3	37	74	2	44	88	3	39	78	2	37	74	2	36	72	2	35	70	2	32	64	2								
S7	40	80	2	38	76	2	45	90	3	39	78	2	37	74	2	45	90	3	44	88	3	38	76	2	36	72	2	35	70	2	32	64	2								
S8	40	80	2	44	88	3	45	90	3	39	78	2	41	82	3	40	80	2	44	88	3	37	74	2	37	74	2	35	70	2	32	64	2								
S9	42	84	3	42	84	3	40	80	2	42	84	3	33	66	2	44	88	3	40	80	2	40	80	2	38	76	2	39	78	2	32	64	2								
S10	40	80	2	36	72	2	43	86	3	44	88	3	30	60	1	33	66	2	36	72	2	36	72	2	35	70	2	35	70	2	32	64	2								
S11	30	60	1	32	64	2	33	66	2	40	80	2	32	64	2	36	72	2	34	68	2	35	70	2	36	72	2	36	72	2	27	54	1								
S12	42	84	3	46	92	3	44	88	3	40	80	2	36	72	2	39	78	2	37	74	2	36	72	2	39	78	2	39	78	2	31	62	2								
S13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
S14	33	66	2	39	78	2	35	70	2	34	68	2	26	52	1	40	80	2	29	58	1	31	62	2	32	64	2	32	64	2	29	58	1								
S15	37	74	2	39	78	2	38	76	2	37	74	2	28	56	1	29	58	1	34	68	2	35	70	2	38	76	2	37	74	2	36	72	2								
S16	32	64	2	36	72	2	37	74	2	41	82	3	27	54	1	34	68	2	38	76	2	36	72	2	35	70	2	40	80	2	37	74	2								
S17	37	74	2	45	90	3	42	84	3	46	92	3	38	76	2	37	74	2	38	76	2	36	72	2	38	76	2	32	64	2	34	68	2								
S18	37	74	2	37	74	2	39	78	2	42	84	3	36	72	2	35	70	2	39	78	2	35	70	2	37	74	2	33	66	2	29	58	1								
S19	43	86	3	39	78	2	47	94	3	43	86	3	44	88	3	38	76	2	35	70	2	36	72	2	39	78	2	34	68	2	40	80	2								
S20	38	76	2	38	76	2	38	76	2	41	82	3	32	64	2	40	80	2	37	74	2	34	68	2	37	74	2	34	68	2	26	52	1								
S21	39	78	2	38	76	2	34	68	2	42	84	3	31	62	2	36	72	2	40	80	2	24	48	1	38	76	2	28	56	1	32	64	2								
S22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
S23	39	78	2	37	74	2	43	86	3	39	78	2	40	80	2	37	74	2	40	80	2	36	72	2	38	76	2	39	78	2	3	6	1								
S24	37	74	2	40	80	2	35	70	2	31	62	2	29	58	1	30	60	1	39	78	2	36	72	2	41	82	3	28	56	1	27	54	1								
S25	30	60	1	36	72	2	36	72	2	31	62	2	31	62	2	32	64	2	35	70	2	36	72	2	35	70	2	28	56	1	34	68	2								



CO11			CO12			CO13			CO14			CO15			CO16			CO17			CO18			CO19			CO20			CO21			CO22				
%	Mark	CO11 Attainm ent	%	Mark	CO12 Attainm ent	%	Mark	CO13 Attainm ent	%	Mark	CO14 Attainm ent	%	Mark	CO15 Attainm ent	%	Mark	CO16 Attainm ent	%	Mark	CO17 Attainm ent	%	Mark	CO18 Attainm ent	%	Mark	CO19 Attainm ent	%	Mark	CO20 Attainm ent	%	Mark	CO21 Attainm ent	%	Mark	CO22 Attainm ent		
76	2	36	72	2	30	60	1	30	60	1	29	58	1	28	56	1	28	56	1	39	78	2	36	72	2	39	78	2	36	72	2	36	72	2	38	76	2
66	2	33	66	2	26	52	1	24	48	1	27	54	1	28	56	1	36	72	2	37	74	2	33	66	2	39	78	2	31	62	2	35	70	2	36	72	2
0	0	32	64	2	33	66	2	25	50	1	38	76	2	36	72	2	40	80	2	40	80	2	36	72	2	36	72	2	32	64	2	43	86	3	3	3	3
62	2	35	70	2	30	60	1	25	50	1	31	62	2	30	60	1	32	64	2	41	82	2	35	70	2	40	80	2	29	58	1	39	78	2	2	2	2
74	2	25	50	1	29	58	1	25	50	1	25	50	1	20	40	1	35	70	2	38	76	2	34	68	2	37	74	2	36	72	2	38	76	2	2	2	2
64	2	42	84	3	36	72	2	38	76	2	42	84	3	32	64	2	38	76	2	39	78	2	38	76	2	34	68	2	35	70	2	34	68	2	42	84	3
60	1	39	78	2	34	68	2	28	56	1	43	86	3	34	68	2	36	72	2	41	82	2	39	78	2	38	76	2	38	76	2	38	76	2	40	80	2
64	2	30	60	1	29	58	1	25	50	1	32	64	2	29	58	1	41	82	2	41	82	2	36	72	2	38	76	2	38	76	2	28	56	1	40	80	2
64	2	36	72	2	33	66	2	25	50	1	31	62	2	35	70	2	38	76	2	41	82	2	36	72	2	39	78	2	32	64	2	32	64	2	37	74	2
68	2	32	64	2	33	66	2	27	54	1	27	54	1	24	48	1	38	76	2	41	82	2	34	68	2	35	70	2	35	70	2	40	80	2	39	78	2
54	1	21	42	1	28	56	1	32	64	2	20	40	1	28	56	1	28	56	1	40	80	2	33	66	2	38	76	2	29	58	1	39	78	2	1	1	1
62	2	29	58	1	32	64	2	24	48	1	32	64	2	21	42	1	36	72	2	41	82	2	35	70	2	42	84	3	28	56	1	38	76	2	2	2	2
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72	2	33	66	2	26	52	1	23	46	1	25	50	1	27	54	1	28	56	1	28	56	1	29	58	1	29	58	1	27	54	1	36	72	2	2	2	2
74	2	32	64	2	28	56	1	25	50	1	36	72	2	31	62	2	35	70	2	38	76	2	39	78	2	40	80	2	33	66	2	41	82	3	3	3	3
68	2	33	66	2	32	64	2	23	46	1	27	54	1	30	60	1	32	64	2	39	78	2	38	76	2	35	70	2	32	64	2	40	80	2	2	2	2
58	1	36	72	2	30	60	1	38	76	2	41	82	3	31	62	2	38	76	2	39	78	2	38	76	2	39	78	2	36	72	2	42	84	3	3	3	3
80	2	28	56	1	29	58	1	25	50	1	34	68	2	27	54	1	36	72	2	39	78	2	38	76	2	37	74	2	36	72	2	40	80	2	2	2	2
52	1	34	68	2	32	64	2	31	62	2	36	72	2	30	60	1	40	80	2	40	80	2	40	80	2	40	80	2	40	80	2	32	64	2	37	74	2
64	2	34	68	2	28	56	1	27	54	1	24	48	1	20	40	1	32	64	2	38	76	2	38	76	2	41	82	2	41	82	2	32	64	2	39	78	2
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6	2	29	58	1	31	62	2	25	50	1	28	56	1	28	56	1	37	74	2	42	84	3	40	80	2	38	76	2	32	64	2	40	80	2	2	2	2
54	1	31	62	2	33	66	2	29	58	1	32	64	2	23	46	1	33	66	2	41	82	2	38	76	2	36	72	2	25	50	1	41	82	3	3	3	3
68	2	41	82	3	28	56	1	23	46	1	23	46	1	30	60	1	34	68	2	39	78	2	34	68	2	29	58	1	32	64	2	39	78	2	2	2	2

Department
Arts, Science &
Indrapur, District

Dr. J. P. S.



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Attainment Level of PO-PSO

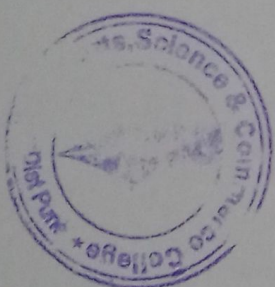
B. Sc Zoology

2021-2022

Sr. No.	Department	Average Attainment of Course by direct method	Average Attainment of Course by In-direct method	80% of Average Attainment of Course by direct method	20% of Average Attainment of Course by In-direct method	Attainment of CO	Average Attainment of PO	Average Attainment Of PO	Level of Attainment
1)	Zoology	2.20	1	1.76	II	I+II	2.23	2.25	4
					0.2				

Dr. J. P.

Department of
Science & Commerce
Indapur, Dist. Solapur



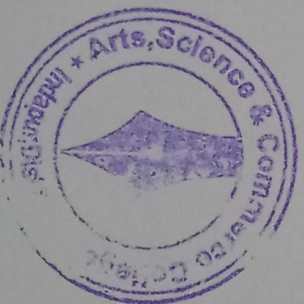
Attainment of CO (Indirect Method)

Sr. No.	Name of Students	Degree/Profession	Institute
1.	Chavhan Madhuri Sanjay	M.Sc	Arts, Science and Commerce College Indapur
2.	Danage Dnyaneshwari Balasaheb	M.Sc	Arts, Science and Commerce College Indapur
3.	Thore Pourmima Prabhu	M.Sc	Arts, Science and Commerce College Indapur
Placement and Progression = 28 / 12			

Dr. J. P. Sarwade

Head

Department of Arts, Science & Commerce
Indapur, Dist. Pune



PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-410105 DIST-PUNE

ITSP's
Arts, Science and Commerce College, Indapur
Department of BBA(CA)

Average Attainment Of Course by Direct method(2021-22)

	Code	Subject Name	Course No.	Course Attainment
Semester V	CA-501	Cyber Security	CO1	2.40
	CA-502	OOSE	CO2	2.54
	CA-503	Core Java	CO3	2.68
	CA-504	Python	CO4	2.50
	CA-505	Project	CO5	1.69
	CA-506	Computer Laboratory Based on 503 and 504	CO6	1.65
	CA-507	Add on Course-IOT(30 Hours)	CO7	2.15
	CA-601	Recent Trends in IT	CO8	1.15
	CA-602	Software Testing	CO9	1.48
	CA-603	Advanced Java	CO10	1.35
Semester VI	CA-604	Dot Net framework	CO11	1.28
	CA-605	Project	CO12	2.28
	CA-606	Computer Laboratory Based on 603 and 604	CO13	2.31
	CA-607	Add on Course-Soft Skills Training	CO14	2.77
Total				28.24
Average				2.02

For Signature
HOD

Principal

ITSP's
Arts, Science and Commerce College, Indapur
Department of BBA(CA)
Average Attainment Of Course by Direct method(2021-22)

	CO-PO Matrix Avg.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5	
CO1	2.40	3	2	0	1	0	1	0	0	0	3	0	2	0	0	3	
CO2	2.54	2	1	0	1	3	2	3	1	1	1	2	1	1	3	2	
CO3	2.68	3	3	2	2	2	2	2	3	3	2	3	3	3	2	3	
CO4	2.50	3	3	2	2	2	3	2	0	3	2	3	3	3	1	3	
CO5	1.69	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CO6	1.65	2	2	2	3	2	3	2	2	3	2	3	3	3	3	1	
CO7	2.15	2	3	2	2	1	1	0	0	3	2	3	3	2	3	1	
CO8	1.15	2	1	0	1	3	0	0	1	2	1	2	2	1	2	2	
CO9	1.48	2	1	1	1	2	1	1	1	2	1	2	3	2	1	1	
CO10	1.35	2	2	3	2	2	2	2	3	3	3	3	3	3	3	3	
CO11	1.28	2	2	3	2	3	2	2	2	3	3	3	3	3	3	3	
CO12	2.28	3	3	3	2	2	3	3	1	3	2	3	3	3	3	3	
CO13	2.31	3	3	2	2	2	2	3	2	2	1	3	3	1	3	2	
CO14	2.77	3	3	0	3	0	0	0	0	0	0	3	0	0	0	2	
	PO/PSO Attainment	2.10	2.12	1.91	2.04	1.88	2.03	2.04	1.85	1.91	1.93	2.01	1.94	1.91	1.91	2.04	
	Total PO Attainment	19.81															
	Avg.PO Attainment	1.98															
												Total PSO Attainment=					9.81
												Avg=1.96					

PO/PSO Direct Attainment=

$\frac{\Sigma(\text{Overall CO Attainment-PO/PSO Level})}{\Sigma(\text{Level of mapping PO/PSO})}$

For Signature
HOD

Principal

ITSP's
Arts, Science and Commerce College, Indapur
Department of BBA(CA)
Average Attainment Of Course by Indirect method(2021-22)

Placement and Progression	
Level-1 (Low)	Below - 20% Placement & Progression
Level-2 (Moderate)	21 - 40% Placement & Progression
Level-3(High)	Above - 41% Placement & Progression

30.77

Placement & Progression=
Level= 2(moderate)

Sr.No.	Department	Average Attainment of course by direct method	Average Attainment of course by indirect method	80% of Average Attainment of course by direct	20% of Average Attainment of course by indirect	Attainment of CO 1+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level of PO/PSO
1	BBA(CA)	2.02	2	1.61	0.4	2.01	1.98	1.96	level 3

[Signature]
HOD

Principal

Arts, Science & Commerce College Indapur Dist.- Pune

Dept. of Commerce

T. Y. B. Com Mar. 2022

Students' marks

	Name of the Student	35 1	%	CO 1	35 2	%	CO 1	35 3	%	COI	354	%	COI	361	%	COI	362	%	COI	363	%	COI	364	%	COI
1	BURANDE GURUDEO M	79	79	2	75	75	2	46	46	1	61	61	2	44	44	1	81	81	3	62	62	2	61	61	2
2	PAWAR NIKITA R	75	75	2	90	90	3	70	70	2	70	70	2	58	58	1	54	54	1	50	50	1	40	40	1
3	KAPARE BHARATI PITAMBAR	53	53	1	57	57	1	71	71	2	56	56	1	88	88	3	74	74	2	61	61	2	73	73	2
4	WAGH VAIBHAV HANUMANT	89	89	3	71	71	2	73	73	2	63	63	2	48	48	1	58	58	1	53	53	1	51	51	1
5	HEGADKAR MADHAV G	65	65	1	65	65	2	66	66	2	54	54	1	43	43	1	62	62	2	55	55	1	44	44	1
6	JAMADAR RIHAN MOULA	80	80	2	74	74	2	68	68	2	71	71	2	57	57	1	69	69	2	71	71	2	57	57	1
7	KALEL KOMAL LALASO	70	70	2	69	69	2	42	42	1	63	63	2	64	64	2	75	75	2	58	58	1	50	50	1
8	RAUT SAURABH ASHOK	74	74	2	75	75	2	61	61	2	49	49	1	50	50	1	70	70	2	48	48	1	48	48	1
9	BANKAR PRATIKSHA BAPUSO	82	82	3	82	82	3	75	75	2	63	63	2	50	50	1	77	77	2	40	40	1	47	47	1
10	BANSODE AMOL JAYSING	61	61	1	72	72	2	68	68	2	58	58	2	53	53	1	70	70	2	56	56	1	57	57	1
11	CHAUGULE NIKHIL SADHU	77	77	2	88	88	3	75	75	2	72	72	2	50	50	1	80	80	2	82	82	3	61	61	2
12	CHAVAN NITA SATISH	77	77	2	73	73	2	65	65	2	67	67	2	64	64	2	88	88	3	68	68	2	61	61	2
13	CHAWAN RAMESHAWAR S	67	67	1	79	79	2	77	77	2	67	67	1	60	60	1	51	51	1	72	72	2	57	57	1
14	CHITARE PRIYANKA VIKAS	72	72	2	85	85	3	68	68	2	76	76	2	56	56	2	57	57	1	73	73	2	72	72	2
15	DARADARE AMIT SURESH	60	60	1	79	79	2	68	68	2	51	51	1	48	48	1	66	66	2	60	60	1	60	60	1
16	DHAVAL DINESH DADASO	78	78	2	76	76	2	68	68	2	69	69	2	46	46	1	75	75	2	51	51	1	54	54	1
17	DOIPHODE TEJAS SANJAY	58	58	1	90	90	3	73	73	2	61	61	2	63	63	2	75	75	2	70	70	2	59	59	1
18	DOSHI SIDDHANT SUNIL	73	73	2	87	87	3	66	66	2	57	57	2	50	50	1	68	68	2	51	51	1	56	56	1
19	GADADE ATUL ANIL	62	62	2	71	71	2	56	56	1	53	53	2	47	47	1	69	69	2	57	57	1	53	53	1
20	GADHAVE ROHAN V	78	78	2	85	85	3	75	75	2	62	62	2	46	46	1	73	73	2	61	61	2	59	59	1
21	GAIKWAD RUSHIKESH M	69	69	1	77	77	2	78	78	2	70	70	2	63	63	2	83	83	2	81	81	3	68	68	2
22	GAIKWAD SWAPNIL B	54	54	1	51	51	1	63	63	2	48	48	1	40	40	1	69	69	2	40	40	1	40	40	1
23	GATKUL AJSHWARYA S	77	77	2	83	83	3	68	68	2	73	73	2	56	56	1	66	66	2	77	77	2	68	68	2

	Name of the Student	351	%	CO1	352	%	CO1	353	%	CO1	354	%	CO1	361	%	CO1	362	%	CO1	363	%	CO1	364	%	CO1
24	GAVANDARE GAURI N	88	88	3	81	81	3	70	70	2	70	70	2	63	63	2	60	60	1	72	72	2	63	63	2
25	GEND ARTI J	77	77	2	78	78	2	75	75	2	66	66	2	54	54	1	65	65	2	44	44	1	68	68	2
26	GHAYTAD ASHISH B	76	76	2	77	77	2	61	61	2	70	70	2	53	53	1	70	70	2	55	55	1	64	64	2
27	GULVE PRAJYOT S	61	61	2	90	90	3	70	70	2	70	70	2	62	62	2	55	55	1	75	75	2	59	59	1
28	HONRAO RUTUJA SURESH	89	89	3	90	90	3	81	81	3	75	75	2	75	75	2	70	70	2	56	56	1	65	65	2
29	HUMBE NIKITA PRAKASH	71	71	2	81	81	3	82	82	3	72	72	2	53	53	1	64	64	2	45	45	1	63	63	2
30	JADHAV AKASH RAMESH	78	78	2	86	86	3	73	73	2	58	58	1	40	40	1	56	56	1	44	44	1	52	52	1
31	JADHAV MAHESH M	55	55	1	69	69	2	73	73	2	57	57	1	52	52	1	72	72	2	54	54	1	63	63	2
32	JAMADAR BHAKTI S	74	74	2	64	64	2	82	82	3	66	66	2	55	55	1	58	58	1	56	56	1	67	67	2
33	JATHAR MAYA PANDURANG	61	61	2	65	65	2	70	70	2	49	49	1	70	70	2	67	67	2	63	63	2	59	59	1
34	KADAM CHETAN UMRAO	66	66	2	77	77	2	80	80	2	63	63	2	48	48	1	43	43	1	50	50	1	62	62	2
35	KADAVALE SHITAL SANJAY	79	79	2	90	90	3	61	61	2	78	78	2	60	60	1	56	56	1	50	50	1	59	59	1
36	KALE NITIN VISHVAS	62	62	2	40	40	1	62	62	2	64	64	2	52	52	1	67	67	2	68	68	2	59	59	1
37	KALEL RAHUL VASANT	67	67	2	86	86	3	68	68	2	62	62	2	58	58	1	60	60	1	67	67	2	64	64	2
38	KALVEL PRIYA BABAN	94	94	3	85	85	3	71	71	2	67	67	2	67	67	2	69	69	2	68	68	2	43	43	1
39	KAMATE VASUDEV BHARAT	76	76	2	58	58	1	58	58	1	62	62	2	54	54	1	56	56	1	55	55	1	51	51	1
40	KAMBLE VISHAL NAVNATH	77	77	2	77	77	2	75	75	2	73	73	2	59	59	1	70	70	2	60	60	1	54	54	1
41	KANICHE PRANJAL B	80	80	2	76	76	2	65	65	2	75	75	2	70	70	2	76	76	2	70	70	2	63	63	2
42	KARE RUTUJA MARUTI	71	71	2	79	79	2	88	88	3	66	66	2	53	53	1	61	61	2	56	56	1	65	65	2
43	KARE SHUBHANGI SHIVAJI	64	64	2	67	67	2	81	81	3	64	64	2	64	64	2	58	58	1	51	51	1	68	68	2
44	KATHALE AJAY ASHOK	75	75	2	71	71	2	70	70	2	62	62	2	43	43	1	59	59	1	50	50	1	57	57	1
45	KHAIRMODE VINAYAK M	56	56	1	72	72	2	66	66	2	62	62	2	54	54	1	55	55	1	45	45	1	46	46	1
46	KHETRI DATTA SUDAM	65	65	2	86	86	3	57	57	1	66	66	2	52	52	1	74	74	2	55	55	1	59	59	1
47	KOTHAVALA ROHAN D	77	77	2	79	79	2	80	80	2	70	70	2	68	68	2	71	71	2	72	72	2	63	63	2
48	KULKARNI OMKAR C	79	79	2	60	60	1	71	71	2	65	65	2	44	44	1	62	62	2	52	52	1	45	45	1
49	KUMBHAR DHANESHWARI VI	83	83	3	77	77	2	63	63	2	79	79	2	74	74	2	86	86	3	59	59	1	78	78	2
50	KUMBHAR NUTAN AGATRAV	71	71	2	72	72	2	70	70	2	69	69	2	64	64	2	73	73	2	76	76	2	61	61	1
51	MADANE PALLAVI RAVINDRA	86	86	3	75	75	2	76	76	2	71	71	2	47	47	1	56	56	1	56	56	1	50	50	1

	Name of the Student	351	%	CO1	352	%	CO2	353	%	CO3	354	%	CO4	361	%	CO5	362	%	CO6	363	%	CO7	364	%	CO8
52	MAKHARE MAYURI BALU	48	48	1	70	70	2	63	63	2	64	64	2	46	46	1	76	76	2	66	66	2	58	58	1
53	MANE PUJA SANJAY	73	73	2	68	68	2	69	69	2	57	57	1	43	43	1	68	68	2	63	63	2	66	66	2
54	MANE SHUBHAM M	92	92	3	73	73	2	64	64	2	67	67	2	40	40	1	65	65	2	43	43	1	43	43	1
55	MEHER AMOL NITIN	65	65	2	75	75	2	66	66	2	57	57	1	47	47	1	75	75	2	50	50	1	59	59	1
56	MHASKE POOJA M	66	66	2	64	64	2	70	70	2	63	63	2	64	64	2	66	66	2	68	68	2	52	52	1
57	MISAL GANESH D	63	63	2	79	79	2	71	71	2	57	57	1	54	54	1	66	66	2	54	54	1	60	60	1
58	MOHITE SWAPNALI V	66	66	2	89	89	3	70	70	2	73	73	2	56	56	1	73	73	2	62	62	1	62	62	2
59	NAGMOTI SIMANTINI A	94	94	3	94	94	3	81	81	3	69	69	2	69	69	2	83	83	3	65	65	2	76	76	2
60	NALVADE SOMNATH S	58	58	1	63	63	2	70	70	2	58	58	1	56	56	1	60	60	2	53	53	1	40	40	1
61	NARUTE RANI BHIMRAV	75	75	2	67	67	2	63	63	2	75	75	2	72	72	2	78	78	2	71	71	2	64	64	2
62	NIKAM KAJAL PRAKASH	61	61	2	64	64	2	69	69	2	64	64	2	51	51	1	60	60	2	58	58	1	56	56	1
63	NIMGIRE KOMAL B	69	69	2	73	73	2	66	66	2	67	67	2	62	62	2	72	72	2	76	76	2	72	72	2
64	PANDIT ROHIDAS D	80	80	2	88	88	3	78	78	2	67	67	2	55	55	1	62	62	2	69	69	2	55	55	1
65	PANDULE TEJAS B	79	79	2	81	81	3	75	75	2	69	69	2	45	45	1	71	71	2	66	66	2	53	53	1
66	PAWAR AMRUTA ASHOK	71	71	2	74	74	2	73	73	2	63	63	2	70	70	2	81	81	3	74	74	2	66	66	2
67	PAWAR ASHWINI BALU	71	71	2	64	64	2	61	61	2	51	51	1	50	50	1	53	53	1	56	56	1	48	48	1
68	PHUTANE SHUBHAM S	70	70	2	83	83	3	81	81	3	70	70	2	42	42	1	65	65	2	68	68	2	50	50	1
69	POL GANESH TATYASO	71	71	2	74	74	2	73	73	2	70	70	2	46	46	1	67	67	2	62	62	2	56	56	1
70	RANDIVE ANKITA S	76	76	2	81	81	3	75	75	2	72	72	2	55	55	1	67	67	2	57	57	1	61	61	2
71	RAUT PRANJALI P	75	75	2	82	82	3	59	59	1	71	71	2	51	51	1	65	65	2	65	65	2	52	52	1
72	RAUT PRATHMESH S	65	65	2	83	83	3	78	78	2	61	61	2	49	49	1	48	48	1	56	56	1	40	40	1
73	RAUT UMA MAHADEV	74	74	2	82	82	3	71	71	2	73	73	2	55	55	1	65	65	2	70	70	2	53	53	1
74	SALAVE PRATIKSHA N	82	82	3	93	93	3	73	73	2	74	74	2	63	63	2	80	80	2	70	70	2	55	55	1
75	SALUNKHE NAGESH ANIL	85	85	3	86	86	3	74	74	2	69	69	2	42	42	1	87	87	3	49	49	1	47	47	1
76	SAPKAL PUNAM G	75	75	3	80	80	2	67	67	2	71	71	2	54	54	1	77	77	2	59	59	1	57	57	1
77	SAV PRIYA HARINDAR	82	82	3	93	93	3	70	70	2	77	77	2	59	59	1	79	79	2	70	70	2	73	73	2
78	SHAIKH ARBAJ ADAM	72	72	2	69	69	2	70	70	2	54	54	1	57	57	1	74	74	2	46	46	1	43	43	1
79	SHAIKH ASMAANJUM S	75	75	2	83	83	3	82	82	3	75	75	2	64	64	2	85	85	3	70	70	2	65	65	2

	Name of the Student	351	%	CO 1	352	%	CO1	353	%	CO 1	354	%	CO 1	361	%	CO1	362	%	CO1	363	%	CO1	364	%	CO1
80	SHAIKH FARDIN S	58	58	1	92	92	3	80	80	2	66	66	2	61	61	2	83	83	3	58	58	1	47	47	1
81	SHAIKH KHUSHBU N	70	70	2	63	63	2	54	54	1	54	54	1	58	58	1	76	76	2	62	62	2	58	58	1
82	SHAIKH SHAHBAJ R	75	75	2	79	79	2	68	68	2	69	69	2	57	57	1	72	72	2	66	66	2	64	64	2
83	SHENDE SAYALI SOPAN	98	98	3	94	94	3	81	81	3	84	84	3	80	80	2	86	86	3	74	74	2	67	67	2
84	SHIMPI SUSHANT SUNIL	79	79	2	75	75	2	71	71	2	69	69	2	59	59	1	70	70	2	72	72	2	54	54	1
85	SHINDE SUDHARSHAN M	54	54	1	50	50	1	65	65	2	52	52	1	57	57	1	72	72	2	40	40	1	55	55	1
86	SONAWANE RAHUL S	81	81	3	82	82	3	75	75	2	75	75	2	67	67	2	78	78	2	60	60	1	68	68	2
87	TARGAVKAR GAYATRI S	71	71	2	85	85	3	68	68	2	65	65	2	55	55	1	44	44	1	52	52	1	40	40	1
88	UMBARE TANUJA SHIVAJI	68	68	2	69	69	2	68	68	2	74	74	2	54	54	1	75	75	2	52	52	1	59	59	1
89	VEDPATHAK ROHAN D	76	76	2	86	86	3	65	65	2	62	62	2	46	46	1	86	86	3	63	63	1	61	61	2
90	VYAWAHARE SAURABH S	78	78	2	80	80	2	70	70	2	66	66	2	45	45	1	69	69	2	60	60	2	58	58	1
91	WAGH SAKSHI BABAN	65	65	2	84	84	3	65	65	2	64	64	2	72	72	2	82	82	3	76	76	2	72	72	2
92	WAGH TRUPTI UTTAM	82	82	3	78	78	2	61	61	2	79	79	2	76	76	2	90	90	3	76	76	2	72	72	2
93	YADAV VRUNDAVAN S	72	72	2	87	87	3	71	71	2	70	70	2	59	59	1	82	82	3	59	59	1	53	53	1
94	ZANZANE PRADIP ANIL	76	76	2	70	70	2	85	85	3	67	67	2	60	60	1	80	80	2	70	70	2	59	59	1
95	ARDE SHITAL NAGANATH	72	72	2	93	93	3	78	78	2	71	71	2	58	58	1	79	79	2	69	69	2	61	61	2
96	AWATADE SAMADHAN M	79	79	2	92	92	3	71	71	2	70	70	2	64	64	2	88	88	3	66	66	2	67	67	2
97	BALWANTRAO PRITEE S	86	86	3	84	84	3	80	80	2	73	73	2	67	67	2	82	82	3	76	76	2	68	68	2
98	BHOSALE ARCHANA C	83	83	3	84	84	3	74	74	2	84	84	3	79	79	2	88	88	3	83	83	3	65	65	2
99	BORATE KAJAL P	82	82	3	82	82	3	82	82	3	83	83	3	63	63	2	88	88	3	76	76	2	77	77	2
100	CHAVAN PRAJYOTI LAXMAN	84	84	3	89	89	3	76	76	2	80	80	2	65	65	2	80	80	2	66	66	2	76	76	2
101	CHINCHKAR KRUSHNA A	89	89	3	94	94	3	82	82	3	85	85	3	41	41	1	77	77	3	55	55	1	69	69	2
102	CHORMALE BHARAT DATTU	70	70	2	74	74	2	70	70	2	70	70	2	49	49	1	84	84	3	56	56	1	61	61	2
103	DALAVI ATISH ARUN	82	82	3	91	91	3	85	85	3	66	66	2	63	63	2	89	89	3	67	67	2	65	65	2
104	DEOKAR DHANASHREE B	73	73	2	74	74	2	64	64	2	69	69	2	49	49	1	91	91	3	58	58	1	58	58	1
105	DEOKAR TUKARAM S	86	86	3	94	94	3	82	82	3	73	73	2	54	54	1	86	86	3	59	59	1	66	66	2
106	DESHMUKH G S	77	77	2	85	85	3	75	75	2	72	72	2	56	56	1	87	87	3	64	64	2	54	54	1
107	DESHMUKH NILOPHAR T	66	66	2	88	88	3	69	69	2	68	68	2	68	68	2	59	59	1	76	76	2	64	64	2

	Name of the Student	351	%	CO1	352	%	CO1	353	%	CO1	354	%	CO1	361	%	CO1	362	%	CO1	363	%	CO1	364	%	CO1
108	DOKE AKSHAY DHANAJI	80	80	2	89	89	3	57	57	1	71	71	2	44	44	1	78	78	2	53	53	1	52	52	1
109	DOKE PRAVIN VILAS	86	86	3	84	84	3	67	67	2	68	68	2	80	80	2	91	91	3	72	72	2	59	59	1
110	GADHAVE ROSHANI RAJU	71	71	2	90	90	3	79	79	2	74	74	2	66	66	2	84	84	3	64	64	2	64	64	2
111	HILGUDE TEJAS V	79	79	2	86	86	3	82	82	3	67	67	2	61	61	2	77	77	2	55	55	1	62	62	2
112	JAGTAP BHARATI B	89	89	3	95	95	3	85	85	3	76	76	2	75	75	2	76	76	2	74	74	2	66	66	2
113	KADAM POOJA PRASNNA	87	87	3	87	87	3	75	75	2	85	85	3	79	79	2	73	73	2	73	73	2	67	67	2
114	KADAM SNEHA KANTILAL	85	85	3	93	93	3	78	78	2	75	75	2	76	76	2	79	79	2	74	74	2	65	65	2
115	KASHID TANMAY S	72	72	2	65	65	2	56	56	1	76	76	2	64	64	2	73	73	2	57	57	1	62	62	2
116	KATE BHAGYASHRI SUNIL	81	81	3	90	90	3	75	75	2	81	81	3	69	69	2	82	82	3	59	59	1	73	73	2
117	KHADE ARTI DATTATRAY	73	73	2	79	79	2	84	84	3	81	81	3	59	59	1	59	59	1	57	57	1	55	55	1
118	KOLI SHUBHAM H	90	90	3	90	90	3	85	85	3	78	78	2	66	66	2	78	78	2	67	67	2	62	62	2
119	KULKARNI TANMAY ASHOK	81	81	3	93	93	3	74	74	2	75	75	2	62	62	2	77	77	2	57	57	1	64	64	2
120	LONDHE TUSHAR H	78	78	2	91	91	3	85	85	3	74	74	2	42	42	1	76	76	2	48	48	1	57	57	1
121	MISAL AMOL SATISH	73	73	2	90	90	3	77	77	2	71	71	2	73	73	2	82	82	3	80	80	2	66	66	2
122	MISKIN VISHAL LAHU	79	79	2	92	92	3	64	64	2	86	86	3	71	71	2	74	74	2	75	75	2	76	76	2
123	PANDHARE KARAN R	84	84	3	92	92	3	80	80	2	75	75	2	60	60	1	81	81	3	55	55	1	65	65	2
124	PATIL RAVINDRA RAJENDRA	89	89	3	62	62	2	65	65	2	62	62	2	54	54	1	65	65	2	57	57	1	61	61	2
125	PAWAR CHAITRALI BHARAT	80	80	2	71	71	2	70	70	2	68	68	2	61	61	2	63	63	2	78	78	2	59	59	1
126	PAWAR PALLAVI BHARAT	77	77	2	86	86	3	81	81	3	78	78	2	70	70	2	84	84	3	76	76	2	76	76	2
127	PHADTARE SNEHAL POPAT	75	75	2	82	82	3	75	75	2	84	84	3	84	84	3	92	92	3	82	82	3	76	76	2
128	RASKAR SUPRIYA H	83	83	3	92	92	3	78	78	2	70	70	2	70	70	2	84	84	3	58	58	1	68	68	2
129	RAUT SHUBHAM C	69	69	2	62	62	2	66	66	2	63	63	2	43	43	1	67	67	2	51	51	1	52	52	1
130	SALGAR SNEHAL B	73	73	2	76	76	2	73	73	2	63	63	2	52	52	1	67	67	2	50	50	1	53	53	1
131	SHAIKH NILOFAR MATIN	97	97	3	90	90	3	81	81	3	88	88	3	80	80	2	88	88	3	57	57	1	65	65	2
132	SHINDE AUDUMBAR A	88	88	3	75	75	2	71	71	2	69	69	2	51	51	1	84	84	3	72	72	2	64	64	2
133	SHINDE CHAITRALI BHARAT	79	79	2	86	86	3	68	68	2	82	82	3	62	62	2	76	76	2	53	53	1	59	59	1
134	TALEKAR DIPAK GN	76	76	2	86	86	3	78	78	2	69	69	2	55	55	1	78	78	2	60	60	1	73	73	2
135	THOMBARE PRATIKSHA P	85	85	3	94	94	3	74	74	2	71	71	2	69	69	2	78	78	2	69	69	2	71	71	2

	Name of the Student	351	%	CO1	352	%	CO1	353	%	CO1	354	%	CO1	361	%	CO1	362	%	CO1	363	%	CO1	364	%	CO1
136	TODKAR RUSHIKESH P	80	80	2	76	76	2	57	57	1	72	72	2	63	63	2	79	79	2	78	78	2	69	69	2
137	UMBARE NAVNATH R	76	76	2	77	77	2	71	71	2	71	71	2	59	59	1	78	78	2	65	65	2	68	68	2
138	UPADHYE SHRAVANI PAVAN	78	78	2	86	86	3	81	81	3	70	70	2	67	67	2	72	72	2	67	67	2	62	62	2
139	WAGH RUSHIKESH V	77	77	2	76	76	2	72	72	2	75	75	2	62	62	2	75	75	2	64	64	2	64	64	2
140	WAGHMARE RUTUJA S	71	71	2	80	80	2	77	77	2	85	85	3	70	70	2	87	87	3	66	66	2	74	74	2
141	WAGHMODE ASHWINI S	73	73	2	94	94	3	74	74	2	72	72	2	70	70	2	85	85	3	81	81	3	71	71	2
142	WAIKAR SHARDUL HARI	77	77	2	74	74	2	54	54	1	62	62	2	68	68	2	76	76	2	64	64	2	57	57	1
143	WAYBHASE AKSHAY D	79	79	2	76	76	2	82	82	3	70	70	2	64	64	2	82	82	3	70	70	2	65	65	2
144	BANDGAR RUTUJA K	72	72	2	78	78	2	65	65	2	69	69	2	44	44	1	59	59	2	54	54	1	61	61	2
145	BHONG NIKHIL JAL INNDAR	68	68	2	71	71	2	68	68	2	68	68	2	64	64	2	64	64	2	67	67	2	55	55	1
146	BHONG RUTUJA DATATRAY	63	63	2	75	75	2	46	46	1	69	69	2	57	57	1	55	55	1	64	64	2	43	43	1
147	BORATE AJAY MAHADEV	71	71	2	86	86	3	67	67	2	70	70	2	42	42	1	42	42	1	55	55	1	70	70	2
148	CHAVAN AKASH D	80	80	2	70	70	2	74	74	2	62	62	2	55	55	1	64	64	2	76	76	2	62	62	2
149	CHAVAN ANAND ASHOK	65	65	2	83	83	3	67	67	2	57	57	1	52	52	1	79	79	2	65	65	2	55	55	1
150	DEVKAR OMKAR R	74	74	2	87	87	3	70	70	2	61	61	2	64	64	2	69	69	2	68	68	2	63	63	2
151	DOKE AKSHAY R	62	62	2	89	89	3	80	80	2	64	64	2	49	49	1	56	56	1	50	50	1	50	50	1
152	GADE ANAND RAMA	55	55	1	56	56	1	75	75	2	51	51	1	56	56	1	79	79	2	49	49	1	63	63	2
153	GAIKWAD SHUBHAM D	72	72	2	71	71	2	56	56	1	55	55	1	46	46	1	63	63	2	55	55	1	51	51	1
154	HAGARE URMILA L	68	68	2	81	81	3	70	70	2	66	66	2	57	57	1	63	63	2	60	60	1	65	65	2
155	HEGADE SAURABH GAUTAM	62	62	2	63	63	2	71	71	2	68	68	2	51	51	1	55	55	1	49	49	1	57	57	1
156	KALE NILESH DNYANDEV	64	64	2	62	62	2	75	75	2	62	62	2	56	56	1	47	47	1	47	47	1	51	51	1
157	MANE SURAJ SOMNATH	71	71	2	70	70	2	63	63	2	64	64	2	42	42	1	62	62	2	53	53	1	56	56	1
158	PARADE OMKAR N	82	82	3	81	81	3	87	87	3	77	77	2	60	60	1	82	82	3	69	69	2	66	66	2
159	PAWAR DATATRAYA B	74	74	2	77	77	2	82	82	3	65	65	2	53	53	1	71	71	2	58	58	1	52	52	1
160	PISAL ABHIJIT G	74	74	2	80	80	2	73	73	2	58	58	1	41	41	1	52	52	1	51	51	1	57	57	1
161	SARAVADE SHUBHAM S	68	68	2	73	73	2	75	75	2	74	74	2	46	46	1	57	57	1	49	49	1	49	49	1
162	SATHE ABHISHEK BANDU	73	73	2	67	67	2	68	68	2	56	56	1	53	53	1	65	65	2	54	54	1	50	50	1
163	SAWANT VICKY V VILAS	73	73	2	68	68	2	63	63	2	65	65	2	1	1	1	1	1	1	1	1	1	1	1	1

	Name of the Student	351	%	CO1	352	%	CO2	353	%	CO3	354	%	CO4	361	%	CO9	362	%	CO10	363	%	CO11	364	%	CO12
164	SHENDE AKASH ARUN	80	80	2	77	77	2	81	81	3	73	73	2	54	54	1	72	72	2	69	69	2	58	58	1
165	SHINDE NAVANATH A	70	70	2	75	75	2	74	74	2	55	55	1	53	53	1	66	66	2	71	71	2	46	46	1
166	SHINDE RAVI VILAS	58	58	1	58	58	1	63	63	2	47	47	1	53	53	1	57	57	1	56	56	1	59	59	1
167	SHINDE VAIBHAV R	85	85	3	80	80	2	68	68	2	61	61	2	55	55	1	56	56	1	59	59	1	43	43	1
168	TARANGE VAIBHAV P	73	73	2	65	65	2	59	59	1	57	57	1	55	55	1	70	70	2	61	61	2	59	59	1
169	ZAGADE GAYATRI R	93	93	3	92	92	3	84	84	3	82	82	3	78	78	2	83	83	3	78	78	2	64	64	2
170	ZAGADE TEJSHRI T	85	85	3	88	88	3	80	80	2	93	93	3	74	74	2	83	83	3	76	76	2	66	66	2
171	KAVITAKE VINAYAK S	68	68	2	92	92	3	72	72	2	68	68	2	63	63	2	76	76	2	54	54	1	62	62	2
	Average			2.14			2.42			2.08			1.92			2.06			2.05			1.51			1.49

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Dept. of Commerce

T.Y. B. Com (Mar 2022)

Calculation for CO Attainment – Academic Year 2021-22

Sr No	Name of the student	355 h	%	CO 5	356 h	%	CO 6	365 h	%	Co 7	366 h	%	CO8
1	HEGADKAR MADHAV G	67	67	2	67	67	2	72	72	2	56	56	1
2	JAMADAR RIHAN MOULA	75	75	2	62	62	2	74	74	2	59	59	1
3	KALEL KOMAL LALASO	72	72	2	64	64	2	83	83	3	68	68	2
4	RAUT SAURABH ASHOK	76	76	2	63	63	2	74	74	2	63	63	2
5	BANDGAR RUTUJA K	63	63	2	61	61	2	76	76	2	63	63	2
6	BHONG NIKHIL JALINDAR	77	77	2	73	73	2	81	81	3	75	75	2
7	BHONG RUTUJA D	71	71	2	69	69	2	79	79	2	67	67	2
8	BORATE AJAY MAHADEV	74	74	2	58	58	1	71	71	2	69	69	2
9	CHAVAN AKASH DNYANDEV	60	60	1	61	61	2	76	76	2	74	74	2
10	CHAVAN ANAND ASHOK	69	69	2	69	69	2	78	78	2	79	79	2
11	DEVKAR OMKAR RAGHUNATH	80	80	2	65	65	2	76	76	2	78	78	2
12	DOKE AKSHAY RAMCHANDRA	88	88	3	66	66	2	79	79	2	77	77	2
13	GADE ANAND RAMA	64	64	2	57	57	1	84	84	3	81	81	3
14	GAIKWAD SHUBHAM D	65	65	2	61	61	2	73	73	2	76	76	2
15	HAGARE URMILA L	76	76	2	58	58	1	64	64	2	75	75	2
16	HEGADE SAURABH GAUTAM	57	57	1	51	51	1	71	71	2	69	69	2
17	KALE NILESH DNYANDEV	66	66	2	54	54	1	69	69	2	71	71	2
18	MANE SURAJ SOMNATH	71	71	2	64	64	2	73	73	2	77	77	2
19	PARADE OMKAR NAVNATH	90	90	3	78	78	2	87	87	3	82	82	3

Sr No	Name of the student	355 h	%	CO 5	356 h	%	CO 6	365 h	%	Co 7	366 h	%	CO 8
20	PAWAR DATTATRAYA BHARAT	94	94	3	65	65	2	75	75	2	59	59	1
21	PISAL ABHILIT GANGADHAR	65	65	2	55	55	1	65	65	2	65	65	2
22	SARAVADE SHUBHAM S	76	76	2	63	63	2	69	69	2	72	72	2
23	SATHE ABHISHEK BANDU	72	72	2	59	59	1	71	71	2	69	69	2
24	SAWANT VICKY VILAS	54	54	1	59	59	1	66	66	2	77	77	2
25	SHENDE AKASH ARUN	69	69	2	67	67	2	70	70	2	76	76	2
26	SHENDE NAVANATH AJINATH	78	78	2	65	65	2	73	73	2	71	71	2
27	SHENDE RAVI VILAS	69	69	2	54	54	1	76	76	2	70	70	2
28	SHENDE VAIBHAV RAVSO	81	81	3	67	67	2	52	52	1	70	70	2
29	TARANGE VAIBHAV PRAKASH	71	71	2	62	62	2	79	79	2	69	69	2
30	ZAGADE GAYATRI RAJENDRA	88	88	3	78	78	2	85	85	3	84	84	3
31	ZAGADE TEJSHRI TULSHIRAM	91	91	3	78	78	2	86	86	3	82	82	3

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Dept. of Commerce
T.Y. B. Com (Mar 2022)

Calculation for CO Attainment – Academic Year 2021-22

Sr No	Name of the student	355 E	%	CO 7	356 E	%	CO 8	365 E	%	Co15	366 E	%	CO16
1	KAPARE BHARATI PITAMBAR	40	40	1	56	56	1	80	80	2	75	75	2
2	WAGH VAIBHAV HANUMANT	75	75	2	62	62	2	66	66	2	55	55	1
3	ARDE SHITAL NAGANATH	77	77	2	75	75	2	69	69	2	67	67	2
4	AWATADE SAMADHAN M	80	80	2	64	64	2	78	78	2	65	65	2
5	BALWANTRAO PRITEE S	77	77	2	63	63	2	91	91	3	78	78	2
6	BHOSALE ARCHANA C	79	79	2	68	68	2	77	77	2	79	79	2
7	BORATE KAJAL P	81	81	3	73	73	2	88	88	3	77	77	2
8	CHAVAN PRAJYOTI L	76	76	2	64	64	2	76	76	2	81	81	3
9	CHINCHKAR KRUSHNA A	73	73	2	75	75	2	88	88	3	72	72	2
10	CHORMALE BHARAT DATTU	74	74	2	57	57	1	92	92	3	70	70	2
11	DALAVI ATISH ARUN	81	81	3	70	70	2	88	88	3	75	75	2
12	DEOKAR DHANASHREE BHARAT	80	80	2	65	65	2	91	91	3	82	82	3
13	DEOKAR TUKARAM SAMADHAN	79	79	2	58	58	1	94	94	3	83	83	3
14	DESHMUKH GAURISHANKAR S	76	76	2	64	64	2	91	91	3	71	71	2
15	DESHMUKH NILOPHAR T	76	76	2	71	71	2	68	68	2	73	73	2
16	DOKE AKSHAY DHANAJI	73	73	2	69	69	2	67	67	2	71	71	2
17	DOKE PRAVIN VILAS	82	82	3	70	70	2	92	92	3	77	77	2
18	GADHAVE ROSHANI RAJU	77	77	2	62	62	2	80	80	2	77	77	2
19	HILGUDE TEJAS V	55	55	1	62	62	2	83	83	3	76	76	2
20	JAGTAP BHARATI B	83	83	3	73	73	2	86	86	3	85	85	3
21	KADAM POOJA PRASNNA	66	66	2	77	77	2	91	91	3	86	86	3
22	KADAM SNEHA KANTILAL	78	78	2	84	84	3	90	90	3	78	78	2
23	KASHID TANMAY SHANKAR	72	72	2	70	70	2	67	67	2	78	78	2

24	KATE BHAGYASHRI SUNIL	85	85	3	71	71	2	82	82	3	80	80	2
25	KHADE ARTI DATTATRAY	68	68	2	65	65	2	60	60	2	68	68	2
26	KOLI SHUBHAM H	79	79	2	81	81	3	83	83	3	75	75	2
27	KULKARNI TANMAY ASHOK	83	83	3	70	70	2	85	85	3	69	69	2
28	LONDHE TUSHAR H	77	77	2	75	75	2	66	66	2	61	61	2
29	MISAL AMOL SATISH	63	63	2	66	66	2	79	79	2	79	79	2
30	MISKIN VISHAL LAHU	72	72	2	69	69	2	84	84	3	76	76	2
31	PANDHARE KARAN RAVINDRA	86	86	3	77	77	2	84	84	3	74	74	2
32	PATIL RAVINDRA RAJENDRA	58	58	1	67	67	2	72	72	2	76	76	2
33	PAWAR CHAITRALI BHARAT	71	71	2	65	65	2	78	78	2	78	78	2
34	PAWAR PALLAVI BHARAT	78	78	2	71	71	2	84	84	3	74	74	2
35	PHADTARE SNEHAL POPAT	81	81	3	73	73	2	93	93	3	83	83	3
36	RASKAR SUPRIYA HANUMANT	83	83	3	76	76	2	92	92	3	68	68	2
37	RAUT SHUBHAM C	85	85	3	64	64	2	65	65	2	40	40	1
38	SALGAR SNEHAL BABASAHEB	81	81	3	65	65	2	62	62	2	59	59	1
39	SHAIKH NILOFAR MATIN	85	85	3	80	80	2	73	73	2	65	65	2
40	SHINDE AUDUMBAR ANKUSH	73	73	2	63	63	2	91	91	3	73	73	2
41	SHINDE CHAITRALI BHARAT	76	76	2	70	70	2	67	67	2	62	62	2
42	TALEKAR DIPAK GOVARDHAN	75	75	2	72	72	2	87	87	3	78	78	2
43	THOMBARE PRAKASHA P	74	74	2	69	69	2	88	88	3	59	59	1
44	TODKAR RUSHIKESH P	70	70	2	66	66	2	76	76	2	78	78	2
45	UMBARE NAVNATH RAMESH	76	76	2	59	59	1	72	72	2	65	65	2
46	UPADHYE SHRAVANI PAVAN	71	71	2	81	81	3	76	76	2	63	63	2
47	WAGH RUSHIKESH VITTHAL	70	70	2	63	63	2	80	80	2	60	60	2
48	WAGHMARE RUTUJA SUDHIR	72	72	2	72	72	2	91	91	3	71	71	2
49	WAGHMODE ASHWINI SHIVAJI	81	81	3	83	83	3	89	89	3	75	75	2
50	WAIKAR SHARDUL HARI	77	77	2	66	66	2	68	68	2	58	58	1
51	WAYBHASE AKSHAY DINESH	69	69	2	74	74	2	89	89	3	67	67	2
Total				112			102			129			103
Average				4.31			3.92			4.96			3.96

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Dept. of Commerce

T.Y. B. Com (Mar 2022)

CO Attainment

Sem	Course Code	Course Name	Course No.	Course Attainment
Sem V	351	Business Regulatory Framework I	CO 1	2.14
	352	Advance Accounting I	CO 2	2.42
	353	Indian & Global Economics Development I	CO 3	2.08
	354	Auditing & Taxation I	CO 4	1.92
	355 H	Marketing Management II	CO 5	4.06
	356 H	Marketing Management III	CO 6	3.31
	355 E	Cost & Works Accounting II	CO 7	4.31
	356 E	Cost & Works Accounting II	CO 8	3.92
Sem VI	361	Business Regulatory Framework II	CO 9	2.06
	362	Advance Accounting II	CO 10	2.05
	363	Indian & Global Economics Development II	CO 11	1.51
	364	Auditing & Taxation II	CO 12	1.49
	365 H	Marketing Management II	CO 13	4.19
	366 H	Marketing Management III	CO 14	3.94
	365 E	Cost & Works Accounting II	CO 15	4.96
	366 E	Cost & Works Accounting II	CO 16	3.96
		Average		3.02

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Dept. of Commerce
T. Y. B. Com (Mar 2022)
CO/ PO/ PSO Mapping (Direct Method)

CO-PO Matrix	PO 1	PO 2	PO 3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO 1	3	3	3	2	1	0	1	0	2	3	2	2	1	2	1
CO 2	2	2	1	2	2	2	3	3	2	1	0	3	3	2	2
CO 3	3	3	2	3	2	2	3	3	3	2	1	3	2	2	0
CO 4	2	1	3	2	3	1	3	2	2	3	2	1	3	3	3
CO 5	2	2	1	1	2	2	2	1	3	1	3	3	3	2	3
CO 6	2	2	2	1	3	1	2	1	2	2	0	1	3	3	2
CO 7	2	1	3	1	2	2	2	2	1	3	2	2	2	2	1
CO 8	1	2	2	3	1	2	2	3	3	2	3	3	2	1	1
CO 9	0	3	2	3	1	1	1	0	3	1	1	3	1	3	1
CO 10	2	2	2	2	0	3	2	3	3	3	1	2	1	1	3
CO 11	2	3	3	2	2	0	1	2	2	2	2	1	3	2	2
CO 12	2	0	1	0	1	3	2	1	1	1	2	1	0	1	2
CO 13	1	2	1	2	2	3	3	2	2	2	3	2	3	3	2
CO 14	3	1	2	1	3	2	2	2	2	3	1	3	2	2	3

CD 15	3	3	1	2	3	0	3	2	1	1	2	3	2	2	1
CD 16	2	0	3	2	0	3	2	3	2	2	3	0	2	1	2
PG/PSO															
Attendance	1.90	3.53	2.34	2.20	1.88	2.18	2.01	2.20	2.27	2.17	2.21	2.04	2.26	2.03	2.03
Total PG	21.77									Total					
Average PG	2.28									PSO	10.56				
										Avg.					
										PSO	2.11				

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Dept. of Commerce
T. Y. B. Com (Mar 2022)
Attainment Level of CO- PO- PSO (A. Y. 2021-22)

Sr. No	Department	Average Attainment of course by Direct Method	Average Attainment of course by Indirect Method	80% of Average Attainment of course by Direct Method (I)	20% of Average Attainment of course by Indirect Method (II)	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	COMMERCE	3.02	1	2.42	0.20	2.62	2.28	2.11	4

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Dept. of Commerce

T.Y. B. Com (Mar 2022)

Course Attainment (Direct Method)- Academic Year 2021-22

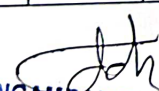
Sem	Course Code	Course name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
Sem V	351	Business Regulatory Framework I	CO 1	2.14	3	Satisfactorily Achieved	
	352	Advance Accounting I	CO 2	2.42	4	Significantly Achieved	Students are learned actively through practical knowledge
	353	Indian & Global Economics Development I	CO 3	2.08	3	Satisfactorily Achieved	
	354	Auditing & Taxation I	CO 4	1.92	2	Partially Achieved	Difficult concept to understand
	355 H	Marketing Management II	CO 5	4.06	5	Completely Achieved	
	356 H	Marketing Management III	CO 6	3.31	4	Significantly Achieved	Students are learned actively through practical knowledge
	355 E	Cost & Works Accounting II	CO 7	4.31	5	Completely Achieved	
	356 E	Cost & Works Accounting II	CO 8	3.92	4	Significantly Achieved	Students are learned actively through practical knowledge

Sem	Course Code	Course name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
Sem VI	361	Business Regulatory Framework II	CO 9	2.06	3	Satisfactorily Achieved	
	362	Advance Accounting II	CO 10	2.05	3	Satisfactorily Achieved	
	363	Indian & Global Economics Development II	CO 11	1.51	2	Partially Achieved	Difficult concept to understand
	364	Auditing & Taxation II	CO 12	1.49	2	Partially Achieved	Difficult concept to understand
	365 H	Marketing Management II	CO 13	4.19	5	Completely Achieved	
	366 H	Marketing Management III	CO 14	3.94	4	Significantly Achieved	Students are learned actively through practical knowledge
	365 E	Cost & Accounting II	CO 15	4.96	5	Completely Achieved	
	366 E	Cost & Accounting II	CO 16	3.96	4	Significantly Achieved	Students are learned actively through practical knowledge

Department of Political Science (T.Y. B.A. 2021-22)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Target Achieved	Justification
5	35161	Public Administration	(CO1)	1.71	Satisfactorily achieved	
	35162	International Relations	(CO2)	1.86	Satisfactorily achieved	
	35163	Modern Political Analysis	(CO3)	1.77	Satisfactorily achieved	
	35165	Samyukta Maharashtra Movement	(CO4)	2.2	Significantly achieved	
6	36161	Public Administration	(CO5)	1.82	Satisfactorily achieved	
	36162	International Relations	(CO6)	1.54	Satisfactorily achieved	
	36163	Modern Political Analysis	(CO7)	1.66	Satisfactorily achieved	
	36165	Samyukta Maharashtra Movement	(CO8)	1.64	Satisfactorily achieved	
			Total	14.2		
			Average	1.77	Satisfactorily achieved	


DR. DIGAMBAR BIRADAR
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DEPARTMENT OF POLITICAL SCIENCE,
ARTS, SCIENCE & COMMERCE COLLEGE,
INDAPUR-413106


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INDAPUR-413106 DIST-PUNE

CO-PO/PSO Mapping(Direct Method) (T.Y.B.A.) 2021-22

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	3	3	2	3	3	2	2	2	3	2	3	2
Co2	2	3	2	2	2	3	2	1	3	3	2	3	3	3	3
Co3	3	2	2	3	3	3	3	1	3	3	3	1	2	3	3
Co4	3	2	3	3	2	2	2	2	2	3	2	2	3	2	3
Co5	2	3	2	3	3	2	3	2	3	2	2	3	3	2	2
Co6	3	2	1	2	2	3	3	3	2	3	3	3	2	2	1
Co7	2	3	2	2	2	2	2	3	2	2	2	2	3	2	3
Co8	2	3	1	2	2	1	2	1	2	3	1	2	3	2	2
Total	20	20	16	20	19	18	20	16	19	21	19	20	21	19	19
PO/PSO Attainment	2.5	2.5	2	2.5	2.4	2.25	2.5	2	2.37	2.62	2.37	2.5	2.62	2.37	2.37
Total PO	23.61											Total PSO	12.23		
Average PO	2.36											Average PSO	2.44		


DR.DIGAMBAR BIRADAR
 HOD & PH.D. RESEARCH GUIDE
 DEPARTMENT OF POLITICAL SCIENCE,
 ARTS, SCIENCE & COMMERCE, COLLEGE,
 INDAPUR, TAL.INDAPUR DIST-PUNE


PRINCIPAL
 ARTS, SCIENCE AND
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 INDAPUR-413106 DIST-PUNE

Attainment of CO- B A (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Bhosale Reshma Appa	M.A.	A.S.C. College Indapur
2.	Raut Rohit Ashok	M.A.	A.S.C. College Indapur
3.	Bande Reshma Sanjay	M.A.	A.S.C. College Indapur
4.	Divase Vikas Bapurav	M.A.	A.S.C. College Indapur
5.	Jadhav Amol Popat	M.A.	A.S.C. College Indapur
6.	Shaikh Asif Babu	M.A.	A.S.C. College Indapur
7.	Shinde Shivani Vilas	M.A.	A.S.C. College Indapur
8.	Shinde Shital Babu	M.A.	A.S.C. College Indapur
9.	More Rohit Vijay	B.Ed.	V.P. College Baramati
10.	Tambile Shubham Mukund	M.A.	A.S.C. College Indapur

Placement & Progression = 22 %

Level = 2 (Moderate)

Attainment Level of CO-PO-PSO (A.Y. 2021-22)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO.	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.77	2	1.41	0.40	1.81	2.36	2.4	Level 4


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 INDAPUR-413106 DIST-PUNE

DEPARTMENT OF PHYSICS (A.Y. 2022-2023) Course Attainment (Direct Me

Semester	Course Code	Course No.	Course Attainment
SEM- 3	20331	Paper I	1.23
	20332	Paper II	1.53
	20333	Paper III	1.30
	20334M 2P	Paper IV	2.76
	20334M 2T	Paper IV	2.23
	20335	Paper V	2.30
SEM -4	20431	Paper I	1.76
	20432	Paper II	1.53
	20433A2 P	Paper III	2.30
	20433A2 P	Paper III	1.69
	20434M 2P	Paper IV	2.38
	20434M 2T	Paper IV	1.61
	20435	Paper V	2.69
		Total	26.38
		Average	2.02

CO-PO/PSO Mapping(Direct Method)

CO-PO Matrix	CO Att 1	CO *P O1	CO *P O2	CO *P O3	CO *P O4	CO *P O5	CO *P O6	CO *P O7	CO *P O8	CO *P O9	CO *P O10	CO *P O11	CO *P O12	CO *P O13	CO *P O14	CO *P O15	CO *P O16	CO *P O17	CO *P O18	CO *P O19	CO *P O20	CO *P O21	CO *P O22	CO *P O23	CO *P O24	CO *P O25	CO *P O26	CO *P O27	CO *P O28	CO *P O29	CO *P O30		
Co1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2	1	1.2
Co2	1.5	1	1.5	2	3.0	3	4.5	3	3.0	3	4.5	3	3.0	3	4.5	3	3.0	3	4.5	3	3.0	3	4.5	3	3.0	3	4.5	3	3.0	3	4.5	3	3.0
Co3	2.3	2	4.6	1	2.3	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6
Co4	2.8	3	8.2	2	5.5	2	1	2.7	6	1	2.7	2	5.5	2	1	2.7	6	1	2.7	2	5.5	2	1	2.7	6	1	2.7	2	5.5	2	1	2.7	6
Co5	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3
Co6	2.3	2	4.6	2	4.6	2	4.6	3	6.9	3	6.9	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6	1	2.3	2	4.6
Co7	1.8	1	1.7	2	3.5	2	1	1.7	6	1	1.7	3	5.2	3	1	1.7	6	1	1.7	3	5.2	3	1	1.7	6	1	1.7	3	5.2	3	1	1.7	6
Co8	1.5	2	3.0	2	3.0	6	1	1.5	3	2	3.0	6	1	1.5	3	2	3.0	6	1	1.5	3	2	3.0	6	1	1.5	3	2	3.0	6	1	1.5	3
Co9	2.3	3	6.9	3	6.9	3	6.9	1	2.3	2	4.6	3	6.9	3	6.9	1	2.3	2	4.6	3	6.9	3	6.9	1	2.3	2	4.6	3	6.9	3	6.9	1	2.3
Co10	1.7	3	5.0	2	3.3	8	2	3.3	8	3	5.0	7	1	1.6	9	2	3.3	8	3	5.0	7	1	1.6	9	2	3.3	8	3	5.0	7	1	1.6	9
Co11	2.4	3	7.1	2	4.7	6	1	2.3	8	3	7.1	2	4.7	6	1	2.3	8	3	7.1	2	4.7	6	1	2.3	8	3	7.1	2	4.7	6	1	2.3	8
Co12	1.6	1	1.6	1	1.6	3	1	1.6	3	1	1.6	3	1	1.6	3	1	1.6	3	1	1.6	3	1	1.6	3	1	1.6	3	1	1.6	3	1	1.6	3
Co13	2.7	2	5.3	3	8.0	7	2	5.3	8	2	5.3	8	3	8.0	7	2	5.3	8	2	5.3	8	3	8.0	7	2	5.3	8	2	5.3	8	3	8.0	7
Total	26.4	26	55.8	33	50.3	23	46.2	23	47.2	26	53.6	27	53.8	26	53.7	23	46.2	23	47.2	26	53.6	27	53.8	26	53.7	23	46.2	23	47.2	26	53.6	27	53.8
PO PSO Attainment		2.1	1.5	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
Avg. Att.	2.0	3																															

CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	CO Att	PO1	CO* PO1	PO 2	CO* PO2	PO 3	CO* PO3	PO 4	CO* PO4	PO 5	CO* PO5	PO 6	CO* PO6	PO 7	CO* PO7	PO 8	CO* PO8	PO 9	CO* PO9	PO 10	CO* PO10	PS O1	CO* PSO1	PS O2	CO* PSO2	PS O3	CO* PSO3	PS O4	CO* PSO4
Co1	212	1	212	2	424	2	424	2	424	2	424	1	212	3	636	2	424	2	424	2	424	1	212	2	424	1	212	1	212
Co2	204	2	408	1	204	1	204	3	612	1	204	2	408	1	204	3	612	3	612	1	204	3	612	1	204	3	612	3	612
Co3	254	3	762	2	508	2	508	2	508	2	508	1	254	3	762	1	254	2	508	3	762	3	762	3	762	2	508	2	508
Co4	3	3	9	3	9	3	9	3	9	3	9	3	9	2	6	2	6	2	6	3	9	1	3	3	9	2	6	3	9
Co5	229	2	458	1	229	3	687	1	229	2	458	2	458	1	229	3	687	3	687	2	458	3	687	1	229	3	687	2	458
Co6	216	1	216	3	648	1	216	1	216	1	216	3	648	3	648	2	432	2	432	1	216	1	216	1	216	2	432	3	648
Co7	175	2	35	2	35	2	35	3	525	3	525	2	35	3	525	1	175	2	35	2	35	3	525	2	35	3	525	3	525
Co8	183	1	183	1	183	2	366	1	183	2	366	3	549	2	366	3	549	3	549	3	549	2	366	3	549	2	366	3	549
Co9	216	2	432	2	432	2	432	2	432	1	216	1	216	3	648	2	432	2	432	2	432	1	216	2	432	2	432	2	1
Co10	295	3	885	2	59	2	59	2	59	2	59	2	59	1	295	2	59	3	885	3	885	3	885	2	59	2	59	3	885
Co11	229	2	458	3	687	3	687	2	458	1	229	1	229	2	458	3	687	2	458	1	229	1	229	1	229	2	458	3	687
Co12	237	2	474	3	711	1	237	1	237	2	474	2	474	3	711	1	237	3	711	3	711	3	711	3	711	3	711	3	711
Total		24	573	2	586	2	560	2	531	2	511	2	528	2	608	2	567	2	664	27	634	25	572	24	559	27	613	31	679
PO/PSO Attainment	229		239		234		233		231		232		229		225		227		229		235		228		233		227		219
Ave Att	2317 1363 7		2317 1363 7																										
Total PO	2317		Average 2317																			Total PSO	1134	226					

Attainment of CO (Indirect method)

Sr. No.	Name of the students	Degree	Institute/College
1	Gadekar Shivani Sudhir	M.Sc.	A.S.C. College, Indapur

Attainment Level CO-PO- PSO

Sr. No	Department	Average attainment of course by direct method	Average attainment of course by indirect method	80% average attainment of course by direct method	20% average attainment of course by direct method II	Attainment of CO I+II	Average Attainment of PO	Average attainment of PSO	Attainment Level PO/ PSO
1	Physics	2.03	2	1.62	0.4	2.02	1.99	2.01	Level 3

[Signature]
Head
 Department of Physics
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
Incharge
 Science Faculty
 Arts, Science & Commerce
 College, Indapur, Dist. Pune

[Signature]
PRINCIPAL
 ARTS, SCIENCE
 COMMERCE C
 INDAPUR-413106

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune

Department of Geography

Course Attainment - Academic Year 2022-23

Class: M.A./ M. Sc.

Student	GGUT-235			GGUT-236			GGUT-240			GGUT-241			GGUT-243			GGUP-248		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	55	55	1	74	74	2	51	51	1	39	78	2	32	64	2	78	78	2
S2	67	67	2	77	77	2	84	84	3	45	90	3	43	86	3	91	91	3
S3	62	62	2	68	68	2	63	63	2	45	90	3	41	82	3	86	86	3
S4	49	49	1	63	63	2	57	57	1	39	78	2	35	70	2	64	64	2
S5	55	55	1	61	61	2	53	53	1	39	78	2	25	50	1	71	71	2
S6	52	52	1	54	54	2	47	47	1	40	80	2	36	72	2	75	75	2
S7	50	50	1	64	64	2	75	75	2	41	82	3	36	72	2	86	86	3
Avg			1.2			2			1.5			2.4			2.1			2.4

Class: M.A./ M. Sc.

Student	GGUT-249			GGUT-250			GGUT-251			GGUT-252			GGDP-257			GGUT-258		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	78	78	2	75	75	2	76	76	2	44	88	3	44	88	3	70	70	2
S2	84	84	3	75	75	2	82	82	3	46	92	3	46	92	3	77	77	2
S3	84	84	3	62	62	2	75	75	2	44	88	3	45	90	3	69	69	2
S4	35	35	1	53	53	1	58	58	1	33	66	2	36	72	2	32	32	1
S5	51	51	1	48	48	1	63	63	2	25	50	1	35	70	2	37	37	1
S7	52	52	1	48	48	1	58	58	1	26	52	1	40	80	3	31	31	1
S8	66	66	2	61	61	2	71	71	2	41	82	3	45	90	3	63	63	2
Avg			1.8			1.5			1.8			2.2			2.7			1.5

Dr. Gajanan Dhobale

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. Pune-413106

Dr. Sandip Shinde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106

Prof. Dr. Jiwan Sarwade
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2022-23

Class: M. A./ M. Sc

Sem III & IV

Semester	Course Code	Course Name	Course No.	Course Attainment
III	GGUT-235	Geoinformatics-II	CO1	1.2
	GGUT-236	Geographical Thought	CO2	2.0
	GGUT-240	Urban Geography	CO3	1.5
	GGDT-241	Practical In Geoinformatics	CO4	2.4
	GGUT-243	Watershed Management	CO5	2.1
	GGUP-248	Practical In Population & Settlement Geography	CO6	2.4
IV	GGUT-249	Geography of India	CO7	1.8
	GGUT-250	Oceanography	CO8	1.5
	GGUT-251	Research Methodology	CO9	1.8
	GGUT-252	Geography of soil	CO10	2.2
	GGDP-257	Interpretation of Topographical Map & GPS Survey	CO11	2.7
	GGUT-258	Geography of World	CO12	1.5
			Avg	1.93

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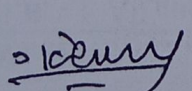
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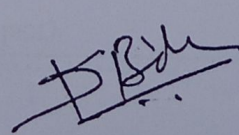
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Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2022-23

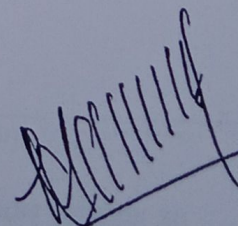
Class: M. A./ M. Sc

Sem III & IV

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	POS1	POS2	POS3	POS4	POS5
CO1	3	1	2	1	3	2	3	2	1	3	1	1	1	2	2
CO2	2	1	2	2	1	2	2	3	1	1	2	2	0	2	3
CO3	1	2	2	1	2	2	1	2	2	2	2	3	2	3	1
CO4	3	3	3	0	1	3	1	2	0	1	3	2	3	2	2
CO5	2	1	1	1	2	1	2	1	2	1	2	3	1	3	3
CO6	1	2	2	3	3	2	3	3	3	2	3	2	2	1	2
CO7	0	3	3	1	1	1	1	1	1	1	2	3	2	0	1
CO8	2	1	1	0	2	1	0	2	2	3	1	2	2	2	2
CO9	3	2	2	1	3	2	3	1	3	2	2	3	3	3	0
CO10	1	3	3	1	1	1	1	0	2	1	3	2	2	2	2
CO11	2	1	1	2	2	2	2	1	1	1	1	3	3	0	3
CO12	3	2	3	2	1	2	3	2	1	3	2	2	2	3	1
PO Attainment	1.89	1.96	1.91	2.01	1.90	1.95	1.92	1.89	1.92	1.77	1.99	1.96	1.99	1.81	2.03
Total PO	19.1										Total PSO	9.78			
Average PO	1.91										Average PSO	1.96			


Dr. Gajanan Dhobale


Dr. Sandip Shinde


Prof. Dr. Jiwan Sarwade

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Indapur Tal. Indapur Dist Pune - 413106

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Indirect Method) - Academic Year 2022-23

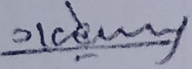
Class: M. A. II

Sem: III & IV

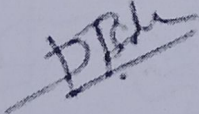
Sr. No.	Name of the student	Degree	Institute
1	Shelar Kajal Balaso	M. Sc	Cognzant Company Pune

Placement & Progression = 14.28 %

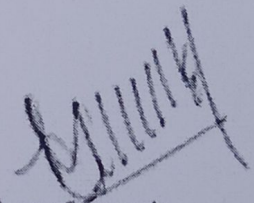
Level = 1 (Low)


Dr. Gajanan Dhobale

16-
Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. - Pune - 413106


Dr. Sandip Shinde

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Indapur Tal Indapur Dist Pune - 413106


Prof. Dr. Jiwan Sarwade

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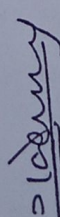
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Department of Geography

Attainment Level of CO/PO/PSO - Academic Year 2022-23

Class: M. A. II

Sem: III & IV

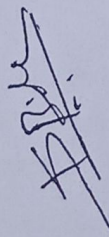
Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	1.93	1	1.54	0.20	1.74	1.91	1.96	Level 3



Dr. Gajanan Dhobale

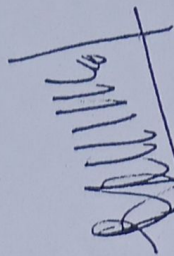
Head

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. Pune - 413106



Dr. Sandip Shinde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106



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Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	30501	Adhunika Kavya	(CO1)	2
	30502	Bhasha Vidnyan	(CO2)	2
	30503	Hindi Sahitya ka Itihas	(CO3)	2.12
	30504	Hindi Alochana	(CO4)	2
SEM IV	40501	Adhunika Kavita	(CO5)	2
	40502	Hindi bhasha ka Vikas	(CO6)	2
	40503	Hindi Sahitya ka Itihas(Adhunika Kal)	(CO7)	2
	40504	Bharatiya Loksahitya	(CO8)	1.75
			Total	15.87
			Average	1.98

CO Attainment In Direct Method (M.A.-II) 2022-23

Sr. No.	Name of the student	Degree/Profession	Institute
1	Jori Archana Abhimanyu	Teacher	SNR H.Indapur, Dist-Pune
		%	12.5%
		Attainment Level	1(Low)

DEPARTMENT OF HINDI M.A-II (A.Y. 2022-23)

Course Attainment (Direct Method) Course Attainment Level

Semester	Course Code	Course Name	Course No.	Course Attainment	Course Attainment Level	Target Achievement	Justification
	30501	Adhunik Kavya	(CO1)	2	3	Satisfied Achieved	
Sem III	30502	Bhasha Vidnyan	(CO2)	2	3	Satisfied Achieved	
	30503	Hindi Sahitya ka Itihas	(CO3)	2.12	4	Singnificantly Achieved	extra classes
	30504	Hindi Alochana	(CO4)	2	3	Satisfied Achieved	
SEM IV	40501	Adhunik Kavita	(CO5)	2	3	Satisfied Achieved	
	40502	Hindi bhasha ka Vikas	(CO6)	2	3	Satisfied Achieved	
	40503	Hindi Sahitya ka Itihas(Adhunik Kal)	(CO7)	2	3	Satisfied Achieved	
	40504	Bharatiya Loksahitya	(CO8)	1.75	3	Satisfied Achieved	
			Total	15.87			
			Average	1.98			

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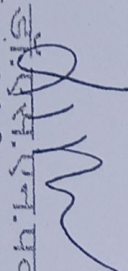
CO-PO/PSO Mapping (Direct Method) M.A. Hindi 2022-23

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	2	2	3	2	3	2	2	2	1	3	3	3
Co2	3	3	2	3	3	2	3	2	3	3	3	3	2	3	2
Co3	3	2	3	2	1	3	2	3	2	3	2	2	3	1	2
Co4	3	2	3	2	2	3	1	3	2	3	3	2	2	3	3
Co5	3	2	3	2	3	1	2	2	3	3	2	3	2	2	3
Co6	3	3	2	2	3	2	2	1	2	3	2	2	2	3	2
Co7	3	2	3	3	2	2	3	2	1	3	3	3	3	2	3
Co8	3	1	3	2	3	3	2	2	3	3	2	3	2	3	2
Total	24	17	22	18	18	19	17	16	18	23	19	18	19	20	20
PO/PSO Attainment	3.0	2.12	2.75	2.25	2.25	2.37	2.12	2.0	2.25	2.87	2.27	2.25	2.37	2.5	2.5
Total PO	23.98	Total PSO Average PSO =													
Ave. PO	2.39														

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po


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DEPARTMENT OF HINDI M.A.(A.Y.2022-23)

Attainment level of PO-PSO-CO M.A.(A.Y.2019-20)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment level for PO'S/ PSO'S		
									Level	Target Attainment	Target Achievement
1	Hindi	1.98	1.0	1.58	0.2	1.78	2.39	2.37	5	2.5 - 3.0	Completely Achieved

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डॉ.एस.एन.पवार

हिंदी विभाग प्रमुख

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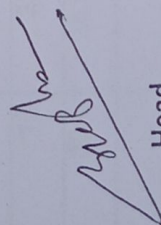
COMMERCE COLLEGE

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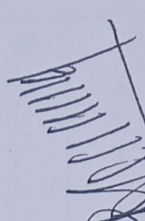
DEPARTMENT OF ECONOMICS (A.Y. 2022-23)

Course Attainment (Direct Method) (M.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
III	32301	Macro Economics-I	(CO1)	1.3
	32302	Growth and Development-I	(CO2)	1.7
	32303	Research Methodology	(CO3)	1.8
	32305	Demography	(CO4)	1.8
IV	42301	Macro Economics-II	(CO5)	1.3
	42302	Growth and Development-II	(CO6)	1.8
	42303	Research Project	(CO7)	1.1
	42306	Economics of Environment	(CO8)	1.7
			Total	12.5
			Average	1.56



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CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	1	2	2	2	2	1	2	2	2	2	1	2	2	1
Co2	1	2	3	3	2	1	3	2	2	3	1	2	3	1	1
Co3	3	2	2	3	2	2	1	1	1	2	1	1	2	1	1
Co4	3	2	3	3	2	1	1	2	2	1	3	2	1	1	3
Co5	3	3	2	2	2	2	1	3	1	1	2	2	1	3	2
Co6	2	3	3	3	1	1	2	2	1	3	1	2	2	1	2
Co7	1	3	3	3	2	3	3	2	2	2	1	3	1	1	2
Co8	3	2	3	3	2	3	1	2	3	2	3	2	3	2	2
Total	18	18	21	22	15	15	13	16	14	16	14	15	15	12	14
PO/PSO Attainment	20.8	26.1	38.4	38.4	22.1	15.6	16.2	21.9	17.9	27.2					
											1.75	1.875	1.875	1.5	1.75
	Total Po	15.56588287									Total Pos	7.805			
	Average	1.556588287									Average	1.561			

PO /PSO Direct Attainment = $\sum (\text{overall CO attainment} \times \text{PO/PSO Level})$

$\sum$ (Level of mapping PO/PSO with CO)

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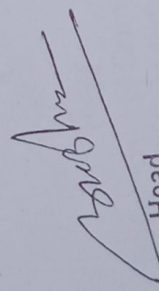
Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree/ JOB	Institute
1.	Koratkhar Tushar Rajendra	JOB	LIC
2.	Nikam Youraj Shivaji	STUDENT	YCMOU
3.	Manjre Rupali Arun	JOB	A.S.C.COLLEGE INDAPUR
4.	Manjre Sonali Arun	TEACHER	RAYAT (PARGAON)

Placement & Progression = $4/18 \times 100$

= 22.22 %

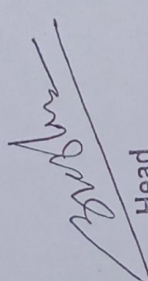
Level = 2 (MODERATE)

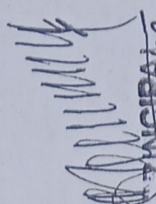

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Attainment Level of CO-PO-PSO (A.Y. 2022-23)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.56	2	1.24	0.40	1.64	1.55	1.56	Level 3


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	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Arts, Science and Commerce College, Indapur												
2	DEPARTMENT OF HISTORY (A.Y. 2022-23)												
3	Course Attainment by Direct Method MA_History_(2022-23)												
4	Student	CO1			CO2			CO3			CO4		
5		Marks	%	Att.	Marks	%	Att.	Marks	%	Att.	Marks	%	Att.
6													
7	Misal Monali Ramchandra	65	65	2	65	65	2	60	60	1	39	61	2
8	Patil Amarsingh Tanaji	57	57	1	52	52	1	48	48	1	34	55	1
9	Urmude Bapu Rajendra	59	59	1	56	56	1	84	84	3	18	71	2
10	Bansode Geetanjali Vikas	57	57	1	61	61	2	54	54	1	39	51	1
11	Chavan Shital Prakash	58	58	1	67	67	2	67	67	2	41	59	1
12	Fartade Shubham Ajinath	55	55	1	66	66	2	56	56	1	37	53	1
13	Galande Akshay Ashok	56	56	1	50	50	1	46	46	1	35	50	1
14	Patil Asmita Kiran	61	61	2	63	63	2	57	57	1	37	61	2
15	Rupnawar Vaibhav Subhash	55	55	1	63	63	2	61	61	2	34	50	1
16	Satpute Megha Suryakant	63	63	2	70	70	2	64	64	2	36	60	1
17	Shinde Mayuri Mohan	51	51	1	65	65	2	63	63	2	36	56	1
18	Kale Ramchandra Harichandra	53	53	1	70	70	2	85	85	3	38	70	2
19	Average	58	58	1.25	62.3	62.3	1.75	62	62	1.67	35.3	58.08	1.3
20													
21	Student	CO5			CO6			C7			C8		
22		Marks	%	Att.	Marks	%	Att.	Marks	%	Att.	Marks	%	Att.
23													
24	Misal Monali Ramchandra	44	44	1	39	39	0	70	70	2	60	60	1
25	Patil Amarsingh Tanaji	51	51	1	56	56	1	63	63	2	55	55	1
26	Urmude Bapu Rajendra	80	80	2	79	79	2	73	73	2	61	61	2

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	A	B	C	D	E	F	G	H	I	J	K	L	M
27	Bansode Geetanjali Vikas	76	76	2	76	76	2	69	69	2	67	67	2
28	Chavan Shital Prakash	73	73	2	78	78	2	66	66	2	65	65	2
29	Fartade Shubham Ajinath	66	66	2	62	62	2	70	70	2	63	63	2
30	Galande Akshay Ashok	53	53	1	49	49	1	60	60	1	50	50	1
31	Patil Asmita Kiran	78	78	2	73	73	2	74	74	2	56	56	1
32	Rupnawar Vaibhav Subhash	78	78	2	72	72	2	65	65	2	66	66	2
33	Satpute Megha Suryakant	73	73	2	70	70	2	68	68	2	66	66	2
34	Shinde Mayuri Mohan	75	75	2	78	78	2	70	70	2	67	67	2
35	Kale Ramcjandra Harichandra	67	67	2	68	68	2	77	77	2	80	80	2
36	Average	68	68	1.75	66.67	66.67	1.67	68.8	68.8	1.92	63	63	1.7

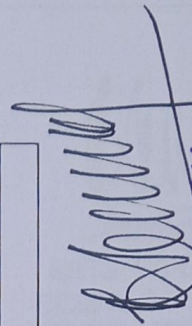
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Arts, Science and Commerce College, Indapur						
DEPARTMENT OF HISTORY (A.Y. 2022-23)						
Course Attainment (Direct Method)						
Semester	Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
Sem V	35171	Introduction to historiography	(CO1)	1.25	Partially achieved PO/ PSO	Need Extra Lectures
	35172/3	Maharashtra in the 19th century	(CO2)	1.75	Satisfactorily achieved PO/ PSO	
	35174	Indian National Movement	(CO3)	1.67	Satisfactorily achieved	
	35177	Research Paper Writing	(CO4)	1.3	Partially achieved PO/ PSO	Need Extra Lectures
SEM VI	36171	Applied History	(CO5)	1.75	Satisfactorily achieved PO/ PSO	
	36172/3	Maharashtra in the 20th century	(CO6)	1.67	Satisfactorily achieved PO/ PSO	
	36174	India After Independence	(CO7)	1.92	Satisfactorily achieved PO/ PSO	
	36177	Heritage management	(CO8)	1.7	Satisfactorily achieved PO/ PSO	
			Average	1.63	Satisfactorily achieved	
			Total	13.0		

इतिहास विभाग
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गणेश


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Arts, Science and Commerce College, Indapur			
DEPARTMENT OF HISTORY (A.Y. 2022-23)			
Attainment of CO- (Indirect Method) 2022-23			
Sr. No.	Name of the student	Degree	Institute
1	Nil		
	Placement & Progression	Nil	
	Level	1	

K. K. K.

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Arts, Science and Commerce College, Indapur

DEPARTMENT OF HISTORY (A.Y. 2022-23)

COOPO/PSO Mapping (Direct Method) 2022-23

COOPO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	1	3	3	1	3	1	2	2	2	3	1	2	2	1
Co2	1	2	1	1	2	0	3	2	3	3	2	2	3	3	2
Co3	2	2	3	3	3	2	2	1	1	2	0	0	3	1	1
Co4	3	2	2	1	2	1	1	2	2	1	3	2	1	2	3
Co5	2	3	2	2	1	2	0	3	1	1	1	3	1	1	2
Co6	1	3	3	3	0	1	2	2	1	3	0	2	2	0	1
Total	12	13	14	13	9	9	9	12	10	12	9	10	12	9	10
PO/PSO attainment	1.98	2.06	2.17	2.18	2.03	2.06	2.11	1.90	1.84	2.08	1.68	1.82	2.08	1.73	1.88
TOTAL PO	20.40	23.13									TOTAL PSO	9.19			
Average	2.04										Average	1.84			
$\text{PO / PSO Direct Attainment} = \frac{\sum (\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum (\text{Level of mapping PO/PSO with CO})}$															

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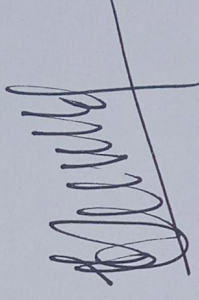
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Arts, Science and Commerce College, Indapur									
DEPARTMENT OF HISTORY (A.Y. 2022-23)									
Attainment Level of CO-PO-PSO (A.Y. 2022-23)									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method		Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
					II	I+II			
1	History	13.01	1	1.61	0.2	1.81	2.04	1.84	Level 4

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2022-23 - M-sc organic.

Student	CO1 (350) 33321			CO2 (351) 33322			CO3 (352) 33323			CO4 (353) 33324 B			CO5 (354) 33325			CO6 (450) 33421			CO7 (451) 33422			CO8 (452) 33423 A			CO9 (453) 33424 A			CO10 (453) 33424 B/C			CO11 (454) 33425					
	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent	Mark s	%	Attainm ent			
BAGAL RAHUL JAYWANT	68	68	2	48	48	1	57	57	1	60	60	1	80	80	2	67	67	2	54	54	1	75	75	2	44	44	3	88	88	3	44	44	3	83	83	3
BANDE SEEMA BHAI	27	27	0	56	56	1	24	24	0	23	23	0	78	78	2	23	23	0	18	18	0	23	23	0	44	44	3	86	86	3	43	43	3	57	57	1
BHOITE SIDDHESH ASHOK	74	74	2	57	57	1	66	66	2	59	59	1	81	81	3	71	71	2	65	65	2	71	71	2	45	45	3	90	90	3	39	39	3	86	86	3
BHOSALE ABHIJEET AJINATH	73	73	2	61	61	2	59	59	1	62	62	2	89	89	3	56	56	1	58	58	1	66	66	2	45	45	3	90	90	3	45	45	3	88	88	3
BHUBAL NIKITA ASHOK	63	63	2	50	50	1	69	69	2	42	42	1	91	91	3	54	54	1	56	56	1	71	71	2	41	41	2	86	86	3	42	42	1	80	80	2
CHAVAN NIRUPTI BHAGWAT	65	65	2	47	47	1	55	55	1	49	49	1	82	82	3	59	59	1	54	54	1	70	70	2	43	43	3	86	86	3	41	41	2	84	84	3
DANGE ADESH CHANDRAKANT	68	68	2	51	51	1	53	53	1	52	52	1	82	82	3	62	62	2	48	48	1	63	63	2	47	47	1	94	94	3	46	46	2	83	83	3
DARGUDE YOGESH LAHU	67	67	2	60	60	1	51	51	1	62	62	2	80	80	2	54	54	1	51	51	1	63	63	2	40	40	2	45	45	3	90	90	3	75	75	2
DEOKAR MONALI MADHARAO	68	68	2	55	55	1	59	59	1	50	50	1	90	90	3	62	62	2	50	50	1	61	61	2	44	44	3	88	88	3	42	42	1	82	82	3
DHUMAL SUNNY JALINDAR	72	72	2	51	51	1	59	59	1	59	59	1	86	86	3	59	59	1	49	49	1	65	65	2	43	43	3	90	90	3	41	41	2	74	74	2
GALANDE AMAR SHRIKRUSHNA	67	67	2	47	47	1	53	53	1	64	64	2	89	89	3	64	64	2	47	47	1	67	67	2	41	41	2	82	82	3	41	41	2	79	79	2
GAWADE SHAILA DNYANDEV	71	71	2	55	55	1	68	68	2	69	69	2	84	84	3	65	65	2	56	56	1	66	66	2	46	46	2	92	92	3	45	45	3	86	86	3
JADHAV ANAND SUHAS	67	67	2	49	49	1	55	55	1	62	62	2	78	78	2	53	53	1	42	42	1	53	53	1	39	39	3	86	86	3	42	42	1	83	83	3
JADHAV KRANTI KISAN	62	62	2	49	49	1	49	49	1	54	54	1	86	86	3	60	60	1	49	49	1	68	68	2	43	43	3	86	86	3	40	40	2	75	75	2
JADHAV POOJA POPAT	69	69	2	60	60	1	81	81	3	64	64	2	83	83	3	69	69	2	62	62	2	70	70	2	43	43	3	86	86	3	42	42	1	83	83	3
JADHAV SARIKA POPAT	63	63	2	49	49	1	60	60	1	57	57	1	84	84	3	67	67	2	49	49	1	70	70	2	45	45	3	90	90	3	40	40	2	75	75	2
JAGADALE PUJA KALYAN	54	54	1	58	58	1	78	78	2	62	62	2	83	83	3	62	62	2	58	58	1	67	67	2	44	44	3	88	88	3	39	39	3	79	79	2
JAGTAP SANKET BABURAO	62	62	2	45	45	1	52	52	1	52	52	1	81	81	3	57	57	1	51	51	1	61	61	2	46	46	2	92	92	3	43	43	3	89	89	3
KACHARE BHARATI NANA	59	59	1	58	58	1	73	73	2	65	65	2	85	85	3	73	73	2	69	69	2	68	68	2	45	45	3	90	90	3	44	44	3	92	92	3
KACHARE SUPRIYA UTTAM	61	61	2	46	46	1	60	60	1	55	55	1	82	82	3	57	57	1	59	59	1	68	68	2	44	44	3	88	88	3	41	41	2	81	81	3
KALSAT SHIVANI SUNIL	60	60	1	44	44	1	53	53	1	54	54	1	84	84	3	61	61	2	45	45	1	64	64	2	44	44	3	88	88	3	40	40	2	82	82	3
KATKAR SANYUKTA TANAJI	57	57	1	46	46	1	30	30	0	45	45	1	75	75	2	49	49	1	42	42	1	55	55	1	45	45	3	90	90	3	41	41	2	82	82	3
KHADKE SANJAY RAJENDRA	66	66	2	58	58	1	52	52	1	60	60	1	92	92	3	62	62	2	50	50	1	59	59	1	46	46	2	92	92	3	45	45	3	90	90	3
KHARTODE SHUBHAM DATTATRAY	52	52	1	39	39	0	30	30	0	40	40	1	76	76	2	44	44	2	44	44	2	42	42	1	51	51	1	88	88	3	35	35	2	50	50	1
KOKATE RUPALI HANUMANT	61	61	2	44	44	1	49	49	1	59	59	1	84	84	3	65	65	2	47	47	1	68	68	2	44	44	3	88	88	3	41	41	2	75	75	2
MAGAR ASHUTOSH CHANDRAKANT	54	54	1	51	51	1	64	64	2	59	59	1	90	90	3	68	68	2	60	60	1	66	66	2	44	44	3	88	88	3	44	44	3	89	89	3
MALE SUJATA BHARAT	69	69	2	48	48	1	64	64	2	49	49	1	86	86	3	61	61	2	48	48	1	66	66	2	47	47	1	94	94	3	42	42	1	86	86	3
NAVALE SHUBHANGI DATTATRAY	68	68	2	44	44	1	40	40	1	51	51	1	85	85	3	63	63	2	48	48	1	61	61	2	44	44	3	88	88	3	42	42	1	78	78	2
PATIL PRIYA BALASAHEB	70	70	2	45	45	1	58	58	1	66	66	2	88	88	3	68	68	2	50	50	1	64	64	2	47	47	1	94	94	3	44	44	3	81	81	3
PAWAR AARTI TUKARAM	72	72	2	47	47	1	63	63	2	57	57	1	88	88	3	65	65	2	53	53	1	72	72	2	45	45	3	86	86	3	43	43	3	80	80	2
PAWAR DNYANDEV EKNATH	71	71	2	51	51	1	67	67	2	68	68	2	76	76	2	66	66	2	71	71	2	67	67	2	47	47	1	94	94	3	47	47	1	90	90	3
PAWAR SAURABH ARUN	69	69	2	48	48	1	69	69	2	64	64	2	84	84	3	68	68	2	63	63	2	68	68	2	46	46	2	92	92	3	42	42	1	86	86	3
PAWAR VIJAY GORAKH	76	76	2	50	50	1	52	52	1	59	59	1	82	82	3	57	57	1	50	50	1	74	74	2	47	47	1	94	94	3	45	45	3	87	87	3
PHALPHALE ROHAN KISAN	70	70	2	50	50	1	52	52	1	51	51	1	80	80	2	64	64	2	60	60	1	66	66	2	46	46	2	92	92	3	41	41	2	84	84	3
PRATIK VIJAY KADAM	66	66	2	44	44	1	52	52	1	45	45	1	81	81	3	53	53	1	52	52	1	66	66	2	46	46	2	92	92	3	42	42	1	75	75	2
SARADE MADHURI UTTARESHWAR	75	75	2	47	47	1	58	58	1	53	53	1	90	90	3	72	72	2	63	63	2	77	77	2	40	40	2	80	80	3	41	41	2	81	81	3
SHAIKH NUFRAHIMAMAD SULTAN	68	68	2	60	60	1	63	63	2	56	56	1	85	85	3	66	66	2	57	57	1	54	54	1	45	45	3	86	86	3	39	39	3	93	93	3
SHENDE SHUBHADA LAXMAN	64	64	2	50	50	1	56	56	1	48	48	1																								

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M.Sc. II Organic Chemistry 2022-23 Course attainment by Direct method					
Semester	Course Code	Course Name	Course no.	Course Attainment	Justification
Sem III	CHO-350	Organic Reaction Mechanism and Biogenesis	CO1	1.67	Satisfactorily Achieved
	CHO-351	Structure Determination of Organic Compounds by Spectroscopic Methods	CO2	1	Barely Achieved
	CHO-352	Stereochemistry and Asymmetric Synthesis of Organic Compounds.	CO3	1.28	Partially Achieved
	CHO-353	A) Protection - De-protection, Chiron approach and Carbohydrate Chemistry Practical I: Solvent Free Organic Synthesis Chemistry of Natural Products	CO4	1.21	Partially Achieved
	CHO-354		CO5	2.79	Completely Achieved
	CHO-450		CO6	1.63	Satisfactorily Achieved
Sem IV	CHO-451	Organometallic Reagents in Organic Synthesis A) Medicinal Chemistry Section-I: Ternary Mixture Separation Section - I: Carbohydrates Synthesis and Isolation of Natural Products	CO7	1.14	Partially Achieved
	CHO-452		CO8	1.84	Satisfactorily Achieved
	CHO-453 PR		CO9	2.93	Completely Achieved
	CHO-453 PR	Practical II: Convergent and Divergent Organic Syntheses.	CO10	2.86	Completely Achieved
	CHO-454		CO11	1.91	
	Total	20 26			
Average		1.841818182			Satisfactorily Achieved

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Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree/profession	Institute
1	Bhosale Abhijit	Chemist	Clean Science, Kurkumbh
2	Shaikh Nurmahammad	Chemist	Clean Science, Kurkumbh
3	Wayal Nikhil	Chemist	Clean Science, Kurkumbh
4	Pawar Vijay	Chemist	Clean Science, Kurkumbh
5	Pawar Dnyandeve	Chemist	Pelltech Healthcare, Palghar
6	Magar Ashitosh	Chemist	Pelltech Healthcare, Palghar
	Placement and Progression=	25	
	Level =	2	

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M.Sc. II Organic Chemistry 2022-23

Attainment Level of PO-PSO-CO (2022-23)

Sr. No.	Department	Average Attainment course by direct method	Average attainment course by Indirect Method	80% of Average attainment t of Course by direct method	20% of Average attainment t of indirect method		Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment
					I	II				
1	Chemistry	1.84	2	1.47		0.4	I+II 1.87	1.64	1.68	level 3

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M.Sc. II Organic Chemistry 2022-23

CO PO Mapping Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	2	1	3	3	2	2	3	2	2	1	3	2
CO2	2	1	2	1	2	2	2	1	2	2	1	1	2	2	1
CO3	1	3	1	3	1	1	1	3	3	1	2	3	1	1	3
CO4	2	1	1	1	1	2	1	1	2	2	1	2	1	2	1
CO5	3	2	2	2	2	3	2	2	2	3	2	3	2	2	2
CO6	1	1	1	1	1	1	1	1	3	1	2	1	3	1	3
CO7	2	3	3	3	1	2	3	3	1	2	3	2	1	3	1
CO8	3	2	2	2	2	3	2	2	2	3	2	2	2	3	2
CO9	1	1	1	2	2	1	1	2	2	2	1	1	2	2	2
CO10	2	1	1	1	2	2	1	1	3	2	2	2	3	1	3
CO11	2	2	3	2	3	2	3	1	3	2	2	3	2	3	2
Total	22	20	20	20	21	22	20	19	25	22	21	22	20	24	20
attainment	1.285	1.231765	1.262778	1.347778	1.285	1.231765	1.262778	1.285455	1.285	1.294211	1.296842	1.347778	1.298	1.237143	1.347778
Total	12.77153										6.527541				
Average	1.277153										1.305508				

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A.Y. - 2022-23

M.Sc-II Analytical chemistry

Student	CO1 (390) 34321		CO2 (391) 34322		CO3 (392) 34323		CO4 (393) 34324 A		CO5 (394) 34325		CO6 (490) 34421		CO7 (491) 34422		CO8 (492) 34423 B		CO9 (493) 34424 A		CO10 (494) 34425							
	Mark s	%	Mark s	%	Mark s	%	Mark s	%	Mark s	%	Mark s	%	Mark s	%	Mark s	%	Mark s	%	Mark s	%						
																					Attainm ent	Attainm ent	Attainm ent	Attainm ent	Attainm ent	Attainm ent
1 JAHVALE SANTOSH VITTHAL	46	46	1	58	53	1	66	66	2	70	70	2	54	54	1	55	55	1	75	75	2	71	71	2		
2 JAWATE KOMAL ANKUSH	49	49	1	52	48	1	48	48	1	73	73	2	53	53	1	50	50	1	47	47	1	67	67	2		
3 BANSODE MONALI BALU	49	49	1	44	44	1	54	54	1	74	74	2	53	53	1	51	51	1	47	47	1	71	71	2		
4 BAPAVKAR ABOLI BANDU	46	46	1	49	49	1	57	57	1	71	71	2	50	50	1	56	56	1	70	70	2	72	72	2		
5 BHUJABAL ANIKET MARUTI	47	47	1	52	49	49	49	46	46	1	59	59	1	47	47	1	46	46	1	53	53	1	63	63	2	
6 BUDHVALE VARSHA VITTHAL	48	48	1	57	58	58	1	65	65	2	68	68	2	48	48	1	56	56	1	52	52	1	70	70	2	
7 CHAVAN PRASHANT MAHADEV	53	53	1	48	48	1	51	51	1	75	75	2	49	49	1	50	50	1	75	75	2	79	79	2		
8 CHORMALE VAIBHAV POPAT	43	43	1	48	48	1	51	43	43	1	66	66	2	44	44	1	48	48	1	65	65	2	55	55	1	
9 DESHMUKH MAYURI NETAJI	55	55	1	60	60	1	51	47	47	1	72	72	2	54	54	1	52	52	1	74	74	2	79	79	2	
10 DHOBAL PAVAI BHARAT	57	57	1	50	50	1	58	75	75	2	69	69	2	56	56	1	57	57	1	49	49	1	77	77	2	
11 GADHAVE AISHVARYA ANANDRAO	58	58	1	48	48	1	56	72	72	2	73	73	2	55	55	1	54	54	1	56	56	1	78	78	2	
12 GAWADE AMRUTA SUDHAKAR	57	57	1	63	63	2	49	56	56	1	68	68	2	50	50	1	51	51	1	49	49	1	67	67	2	
13 GHADAGE HARSHADA DATTATRAY	47	47	1	50	46	46	1	51	51	1	64	64	2	49	49	1	49	49	1	47	47	1	54	54	1	
14 GODASE SAPANA RAJENDRA	34	34	0	43	43	1	43	45	45	1	61	61	2	45	45	1	46	46	1	37	37	0	64	64	2	
15 KADALE POOJA BALASAHEB	50	50	1	62	62	2	71	71	2	66	66	2	55	55	1	61	61	2	56	56	1	73	73	2		
16 KHARTODE ROHIT SHIVAJI	32	32	0	46	46	1	47	43	43	1	59	59	1	20	20	0	42	42	1	23	23	0	50	50	1	
17 KIRAN HANUMANT NALAVADE	13	13	0	31	14	14	0	14	14	0	40	40	1	12	12	0	42	42	1	13	13	0	44	44	1	
18 MAHE RANJEET ARUN	41	41	1	43	43	1	49	48	48	1	60	60	1	44	44	1	43	43	1	44	44	1	60	60	1	
19 MULANI AMIR BASHIR	35	35	0	44	44	1	13	28	28	0	40	40	1	13	13	0	41	41	1	17	17	0	45	45	1	
20 PATIL POOJA MAHADEV	48	48	1	51	52	52	1	55	55	1	68	68	2	50	50	1	47	47	1	46	46	1	64	64	2	
21 PATIL PUJA KHANDERAO	49	49	1	54	56	56	1	45	45	1	68	68	2	50	50	1	52	52	1	52	52	1	73	73	2	
22 PATIL SAGAR JAGNARHDHAN	44	44	1	44	43	43	1	45	45	1	68	68	2	36	36	0	49	49	1	44	44	1	61	61	2	
23 PAVANE SAMADHAN ANKUSH	64	64	2	53	53	1	53	62	62	2	73	73	2	40	40	1	59	59	1	51	51	1	74	74	2	
24 PAWAR ASHISH GAHINRATH	56	56	1	57	54	54	1	62	49	49	1	67	67	2	49	49	1	54	54	1	57	57	1	75	75	2
25 PAWAR RUTUJA ANKUSH	49	49	1	55	43	43	1	49	67	67	2	73	73	2	40	40	1	54	54	1	57	57	1	76	76	2
26 PAWAR VIJAY RAMDAS	44	44	1	56	56	1	47	50	50	1	71	71	2	45	45	1	45	45	1	44	44	1	66	66	2	
27 PONDKULE RANJIT DILIP	52	52	1	57	58	58	1	61	66	66	2	50	50	1	59	59	1	62	62	2	60	60	1	70	70	2
28 SHELANKAR SURAJ SOMNATH	43	43	1	48	48	1	49	58	58	1	70	70	2	46	46	1	60	60	1	47	47	1	73	73	2	
29 SHENDE VIKAS CHANDRAKANT	49	49	1	49	45	45	1	46	65	65	2	48	48	1	48	48	1	73	73	2	69	69	2	73	73	2
30 SIRSAT GANESH SOPAN	58	58	1	50	23	23	0	48	76	76	2	44	44	1	40	40	1	22	22	0	63	63	2	64	64	2
31 SUTAR MAULI HANUMANT	44	44	1	46	46	1	51	50	50	1	70	70	2	48	48	1	49	49	1	46	46	1	69	69	2	
32 GAIKWAD PRANITA SANJAY	51	51	1	60	58	58	1	57	72	72	2	57	57	1	67	67	2	61	61	2	84	84	3	80	80	2
33 KHARAT HANUMANT NAMDEV	65	65	2	55	54	54	1	58	82	82	3	62	62	2	63	63	2	56	56	1	84	84	3	83	83	3
34 SHEJAL PRATIKSHA SHIVAJI	48	48	1	55	49	49	1	56	72	72	2	60	60	1	59	59	1	74	74	2	80	80	2	80	80	2
35 YADAV SNEHA SHIVAJI	64	64	2	63	63	2	56	64	64	2	82	82	3	59	59	1	67	67	2	65	65	2	85	85	3	
Average			0.97			0.94			1.17			0.89		0		0.91		1.94					0	1.91		

Total No. of fail students

4

1

3

2

0

5

0

5

0

0

Bano

Denny

Bunny

Incharge
Science FacultyArts, Science & Commerce
College, Indapur, Dist. PuneHead
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. PunePRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST. PUNE

A.Y. - 2022-23

M.Sc-II Analytical chemistry

Student	CO1 (390) 34321		CO2 (391) 34322		CO3 (392) 34323		CO4 (393) 34324 A		CO5 (394) 34325		CO6 (490) 34421		CO7 (491) 34422		CO8 (492) 34423 B		CO9 (493) 34424 A		CO10 (494) 34425														
	Mark s	%	CO1 Attainm ent	Mark s	%	CO2 Attainm ent	Mark s	%	CO3 Attainm ent	Mark s	%	CO4 Attainm ent	Mark s	%	CO5 Attainm ent	Mark s	%	CO6 Attainm ent	Mark s	%	CO7 Attainm ent	Mark s	%	CO8 Attainm ent	Mark s	%	CO9 Attainm ent	Mark s	%	CO10 Attainm ent			
1 AHIVALE SANTOSH VITHAL	46	46	1	58	58	1	53	53	1	66	66	2	70	70	2	54	54	1	58	58	1	55	55	1	75	75	2	71	71	2			
2 AWATE KOMAL ANKUSH	49	49	1	52	52	1	48	48	1	48	48	1	73	73	2	53	53	1	50	50	1	47	47	1	67	67	2	71	71	2			
3 BANSODE MONALI BALU	49	49	1	44	44	1	54	54	1	53	53	1	74	74	2	53	53	1	51	51	1	47	47	1	71	71	2	72	72	2			
4 BARAYKAR ABOLI BANDU	45	46	1	49	49	1	57	57	1	48	48	1	71	71	2	50	50	1	56	56	1	50	50	1	70	70	2	70	70	2			
5 BHUJABAL ANIKET NARUTI	47	47	1	52	52	1	49	49	1	46	46	1	59	59	1	47	47	1	46	46	1	53	53	1	63	63	2	63	63	2			
6 BUDHVALE VARSHA VITHAL	46	48	1	57	57	1	58	58	1	65	65	2	68	68	2	48	48	1	56	56	1	52	52	1	70	70	2	70	70	2			
7 CHAVAN PRASHANT MAHADEV	53	53	1	48	48	1	51	51	1	56	56	1	75	75	2	49	49	1	50	50	1	50	50	1	75	75	2	79	79	2			
8 CHORMALE VAIBHAV POPAT	43	43	1	48	48	1	51	51	1	43	43	1	66	66	2	44	44	1	48	48	1	46	46	1	65	65	2	55	55	1			
9 DESHMUKH MAYURI NETAJI	55	55	1	60	60	1	51	51	1	47	47	1	72	72	2	54	54	1	52	52	1	49	49	1	74	74	2	79	79	2			
10 DHOBALE PAVAL BHARAT	57	57	1	50	50	1	58	58	1	75	75	2	69	69	2	56	56	1	57	57	1	52	52	1	77	77	2	76	76	2			
11 GADHAVE AISHVARYA ANANDRAO	58	58	1	48	48	1	43	43	1	72	72	2	73	73	2	55	55	1	54	54	1	54	54	1	78	78	2	79	79	2			
12 GHAWADE AMRUTA SUHAKAR	57	57	1	63	63	2	49	49	1	56	56	1	68	68	2	50	50	1	51	51	1	54	54	1	67	67	2	61	61	2			
13 GHADAGE HARSHADA DATTATRAY	47	47	1	50	50	1	46	46	1	51	51	1	64	64	2	49	49	1	49	49	1	49	49	1	47	47	1	58	58	1	70	70	2
14 GODASE SAPANA RAJENDRA	34	34	0	43	43	1	43	43	1	45	45	1	61	61	2	45	45	1	46	46	1	37	37	0	64	64	2	59	59	2			
15 KADALE POOJA BALASAHEB	50	50	1	62	62	2	62	62	2	71	71	2	66	66	2	55	55	1	61	61	2	56	56	1	73	73	2	74	74	2			
16 KHARTODE ROHIT SHIVAJI	32	32	0	46	46	1	47	47	1	43	43	1	43	43	1	59	59	1	20	20	0	42	42	1	23	23	0	50	50	1			
17 KIRAN HANUMANT NALAWADE	13	13	0	31	31	0	14	14	0	14	14	0	40	40	1	12	12	0	42	42	1	13	13	0	44	44	1	43	43	1			
18 MANE RANJEET ARJUN	41	41	1	43	43	1	49	49	1	48	48	1	60	60	1	44	44	1	43	43	1	44	44	1	60	60	1	64	64	2			
19 MULANI AMIR BASHIR	35	35	0	44	44	1	13	13	0	28	28	0	40	40	1	13	13	0	41	41	1	17	17	0	45	45	1	43	43	1			
20 PATIL POOJA MAHADEV	48	48	1	51	51	1	52	52	1	55	55	1	68	68	2	50	50	1	47	47	1	46	46	1	64	64	2	63	63	2			
21 PATIL PUJA KHANDERAO	49	49	1	54	54	1	56	56	1	45	45	1	68	68	2	50	50	1	52	52	1	52	52	1	62	62	2	62	62	2			
22 PATIL SAGAR JANARDHAN	44	44	1	44	44	1	43	43	1	43	43	1	45	45	1	68	68	2	36	36	0	49	49	1	44	44	1	61	61	2			
23 PAVANE SAMADHAN ANKUSH	54	54	2	53	53	1	53	53	1	53	53	1	78	78	2	38	38	0	59	59	1	51	51	1	74	74	2	80	80	2			
24 PAWAR ASHISH GAHININATH	56	56	1	57	57	1	54	54	1	62	62	2	73	73	2	40	40	1	54	54	1	57	57	1	75	75	2	76	76	2			
25 PAWAR RUTUJA ANKUSH	49	49	1	55	55	1	43	43	1	49	49	1	67	67	2	49	49	1	61	61	2	57	57	1	66	66	2	68	68	2			
26 PAWAR VIJAY RAMDAS	44	44	1	56	56	1	47	47	1	50	50	1	71	71	2	45	45	1	45	45	1	44	44	1	62	62	2	60	60	1			
27 PONDKULE RANJIT DIJUP	52	52	1	57	57	1	58	58	1	61	61	2	66	66	2	50	50	1	59	59	1	58	58	1	74	74	2	70	70	2			
28 SHELANKAR SURAJ SOMNATH	43	43	1	48	48	1	49	49	1	49	49	1	58	58	1	70	70	2	46	46	1	53	53	1	73	73	2	73	73	2			
29 SHENDE VIKAS CHANDRAVANT	49	49	1	49	49	1	45	45	1	45	45	1	46	46	1	65	65	2	48	48	1	48	48	1	73	73	2	69	69	2			
30 SIRSAT GANESH SOPAN	58	58	1	50	50	1	23	23	0	48	48	1	76	76	2	44	44	1	40	40	1	22	22	0	63	63	2	64	64	2			
31 SUTAR MAULI HANUMANT	44	44	1	46	46	1	51	51	1	50	50	1	70	70	2	48	48	1	49	49	1	46	46	1	69	69	2	68	68	2			
32 GAIKWAD PRAMITA SANJAY	51	51	1	60	60	1	58	58	1	57	57	1	72	72	2	57	57	1	67	67	2	61	61	2	84	84	3	80	80	2			
33 KHARAT HANUMANT NAMDEV	65	65	2	55	55	1	54	54	1	58	58	1	82	82	3	62	62	2	63	63	2	56	56	1	56	56	1	84	84	3			
34 SHEJAL PRATIKSHA SHIVAJI	48	48	1	55	55	1	49	49	1	56	56	1	72	72	2	60	60	1	59	59	1	56	56	1	74	74	2	80	80	2			
35 YADAV SNEHA SHIVAJI	64	64	2	63	63	2	56	56	1	64	64	2	82	82	3	59	59	1	67	67	2	65	65	2	85	85	3	84	84	3			
Average			0.97																														
Total No. of fail students			4																														

Total No. of fail students

0

0

5

0

5

0

2

3

1

4

4

4

4

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M.Sc. II Analytical Chemistry 2022-23 Course attainment by Direct method

Semester	Course Code	Course Name	Course no.	Course Attainment	Level Achieved	Justification
Sem III	CHA-390	Electrochemical and Thermogravimetric Methods of chemical analysis	CO1	0.97	Barely Achieved	Need to improve by conducting extra Lectures
	CHA-391	Analytical Method Development and Extraction Techniques	CO2	1.06	Partially Achieved	Need to improve by conducting extra Lectures
	CHA-392	Advanced Chromatographic Methods of Chemical Analysis	CO3	0.94	Barely Achieved	Need to improve by conducting extra Lectures
	CHA-393 A	Bioanalytical Chemistry	CO4	1.17	Partially Achieved	Need to improve by conducting extra Lectures
	CHA-394	Practical I: Basics of Instrumental Methods of Chemical Analysis	CO5	1.91	Satisfactorily Achieved	Need to improve by conducting extra Lectures
Sem IV	CHA-490	Advanced Analytical Spectroscopic Techniques	CO6	0.89	Barely Achieved	Need to improve by conducting extra Lectures
	CHA-491	Chemical Methods of Pharmaceuticals Analysis	CO7	1.14	Partially Achieved	Need to improve by conducting extra Lectures
	CHA-492 B	Analytical Chemistry of agriculture, polymer and Detergents	CO8	0.91	Barely Achieved	Need to improve by conducting extra Lectures
	CHA-493 A	Optional Analytical Chemistry Practical OR Project	CO9	1.94	Satisfactorily Achieved	Need to improve by conducting extra Lectures
	CHA-494	Practical II: Applied Analytical Chemistry Practical	CO10	1.91	Satisfactorily Achieved	Need to improve by conducting extra Lectures
Total				12.84		
Average				1.284	Partially Achieved	Need to improve by conducting extra Lectures

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M.Sc. II Analytical Chemistry (A.Y.- 2022-23)

Attainment of CO (Indirect Method)			
Sr. No.	Name of the student	Degree/profession	Institute
1	AHIVALE SANTOSH VITTHAL	Chemist	GMK Pharmaceutical Industry, Hyderabad
2	DESHMUKH MAYURI NETAJI	Chemist	A.S.C. College Indapur, Dist-Pune
3	GADHAVE AISHVARYA ANANDRAO	Teacher	College of pharmacy, Kalam, Indapur
4	GAWADE AMRUTA SUDHAKAR	Teacher	Asc college, Bhigwan
5	GHADAGE HARSHADA DATTATRAY	Teacher	Asc college, Bhigwan
6	CHAVAN PRASHANT	Teacher	Agio Pharmaceutical Pvt.Ltd.
7	MANE RANJEET ARUN	Teacher	GMK Pharmaceutical Industry, Hyderabad
8	PAVANE SAMADHAN ANKUSH	Chemist	Dynamicro Labs Pvt. Ltd.
9	PAWAR ASHISH GAHININATH	Chemist	Sugar Factory
10	SURAJ SHELAMKAR	Chemist	Agio Pharmaceutical Pvt.Ltd.
11	PONDKULE RANJIT DILIP	Chemist	Bajaj Healthcare Pvt Ltd. Vadodara
12	SHENDE VIKAS CHANDRAKANT	Chemist	Agio Pharmaceutical Pvt.Ltd.
13	SIRSAT GANESH SOPAN	Analyst	Serum Institute, Pune.
14	GAIKWAD PRANITA SANJAY	Teacher	Asc college, Bhigwan
15	KHARAT HANUMANT NAMDEV	Analyst	DRDO PUNE.

Placement and progression=
Level=

42.85714286

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M.Sc. II Analytical Chemistry (A.Y.- 2022-23)

Attainment Level of PO-PSO-CO (2022-23)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment
						I+II			
1	Chemistry	1.28	3	1.02	0.6	1.62	1.28	1.3	level 2

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M.Sc. II Analytical Chemistry (A.Y.- 2022-23)

CO PO Mapping Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
01	3	3	3	2	1	3	3	2	2	3	2	2	1	3	2
02	2	2	2	1	2	2	2	1	2	2	1	1	2	2	1
03	1	1	1	3	1	1	1	3	3	1	2	3	1	1	3
04	2	1	1	1	2	2	1	1	2	2	1	2	2	3	1
05	3	2	2	2	3	2	2	2	2	3	2	3	2	2	2
06	1	1	1	1	3	1	1	1	3	1	2	1	3	1	3
07	2	2	3	3	1	2	3	3	1	2	2	2	3	3	1
08	3	2	2	2	3	2	2	2	2	3	2	2	2	2	2
09	1	1	1	2	2	1	1	2	2	1	2	1	2	2	2
10	2	2	1	1	2	2	1	1	3	2	2	2	2	1	3
total	20	17	17	18	18	20	17	18	22	20	19	19	18	20	21
ainment	1.285	1.231765	1.262778	1.347778	1.285	1.231765	1.262778	1.285455	1.285	1.294211	1.296842	1.347778	1.298	1.237143	1.347778
verage	1.277152782										1.305508104				

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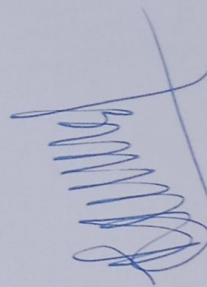
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A-Y. 2022-23.

M.sc-II Inorganic chemistry.

Student	CO1 (330) 32321			CO2 (331) 32322			CO3 (332) 32323			CO4 (333) 32324 A			CO5 (334) 32325			CO6 (430) 32421			CO7 (431) 32422			CO8 (432) 32323 A			CO9 (433) 32424 A			CO10 (434) 32425		
	Mark s	%	CO1 Attainm ent	Mark s	%	CO2 Attainm ent	Mark s	%	CO3 Attainm ent	Mark s	%	CO4 Attainm ent	Mark s	%	CO5 Attainm ent	Mark s	%	CO6 Attainm ent	Mark s	%	CO7 Attainm ent	Mark s	%	CO8 Attainm ent	Mark s	%	CO9 Attainm ent	Mark s	%	CO10 Attainm ent
BHONG SONAL BALASO	67	67	2	68	68	2	59	59	1	67	67	2	84	84	3	25	25	0	57	57	1	59	59	1	78	78	2	76	76	2
BORATE PRITI SANJAY	57	57	1	56	56	1	66	66	2	64	64	2	80	80	2	75	75	2	74	74	2	68	68	2	82	82	3	91	91	3
JADHAV PUNJAM EADAN	51	51	1	56	56	1	83	83	3	85	85	3	83	83	3	78	78	2	75	75	2	82	82	3	84	84	3	94	94	3
JAGTAP AARTI SOMNATH	54	54	1	83	83	3	51	51	1	90	90	3	75	75	2	80	80	2	77	77	2	78	78	2	80	80	2	87	87	3
KATE SHWETA SURESH	62	62	2	79	79	2	63	63	2	59	59	1	69	69	2	32	32	0	73	73	2	53	53	1	71	71	2	50	50	1
KULKARNI APARNA BALASAHEB	73	73	2	69	69	2	51	51	1	35	35	0	66	66	2	70	70	2	71	71	2	36	36	0	80	80	2	83	83	3
LAWAND SUDASHAN BALU	73	73	2	69	69	2	51	51	1	35	35	0	66	66	2	70	70	2	71	71	2	36	36	0	80	80	2	83	83	3
MAHE SONALI BHARAT	67	67	2	63	63	2	54	54	1	56	56	1	68	68	2	25	25	0	61	61	2	54	54	1	72	72	2	50	50	1
MARKAD ABT KESHAV	62	62	2	49	49	1	54	54	1	46	46	1	72	72	2	45	45	1	56	56	1	50	50	1	45	45	1	44	44	1
SALUNKE PRATIKSHA PANCHARNATH	70	70	2	66	66	2	62	62	2	62	62	2	68	68	2	59	59	1	56	56	1	61	61	2	79	79	2	82	82	3
SHENDAGE SHUBHAM MACHINDRA	16	16	0	18	18	0	18	18	0	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SHENDE SHRUTIKA VIJAY	53	53	1	54	54	1	76	76	2	83	83	3	78	78	2	81	81	3	92	92	3	82	82	3	82	82	3	91	91	3
Average			1.5			1.58			1.42			1.5			2			1.25			0	1.67		1.33			2		0	2.17

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M.Sc. II Inorganic Chemistry 2022-23 Course attainment by Direct method

Semester	Course Code	Course Name	Course Number	Course Attainment	Level Achieved	Justification
Sem III	CHI-330	Organometallic and Homogeneous Catalysis	CO1	1.58	Satisfactorily Achieved	
	CHI-331		CO2	1.67	Satisfactorily Achieved	
	CHI-332	Bioinorganic and Medicinal Inorganic Chemistry A) Modern Instrumental methods in Inorganic Chemistry Practical I-Modern Methods of Inorganic Analysis	CO3	1.5	Partially Achieved	Need to Improve by conducting extra Lectures
	CHI-333		CO4	1.67	Satisfactorily Achieved	
	CHI-334		CO5	2.08	Significantly Achieved	
Sem IV	CHI-430	Heterogeneous Catalysis and its Applications	CO6	1.5	Partially Achieved	Need to Improve by conducting extra Lectures
	CHI-431		CO7	1.67	Satisfactorily Achieved	
	CHI-432	A) Material Science Practical III-A) Extended Practical in Inorganic Chemistry OR Project Section-I: Inorganic Instrumental analysis and Computer applications Section-II: Preparation of Inorganic Compounds	CO8	1.5	Partially Achieved	Need to Improve by conducting extra Lectures
	CHI-433		CO9	2.08	Significantly Achieved	
	CHI-434		CO10	2.33	Significantly Achieved	
Total				17.58		
Average				1.758		
					Satisfactorily Achieved	

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M.Sc -II Inorganic Chemistry 2022-23

Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree/profession	Institute
1	SHENDE SHRUTIKA VIJAY	Chemist	Agro Pharma Pvt. Ltd., Barshi
2	LAWAND SUDARSHAN BALU	Bussiness	Self Employed
	Placement and Progression=	12.5	
	Level =	1	

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M.Sc-II Inorganic Chemistry 2022-23

CO PO Mapping Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	3	2	1	3	3	2	2	3	2	2	1	3	2
CO2	2	2	2	1	2	2	2	1	2	2	1	1	2	2	1
CO3	1	1	1	3	1	1	1	3	3	1	2	3	1	1	2
CO4	2	2	1	1	1	2	1	1	2	2	1	2	1	3	1
CO5	2	2	2	2	2	3	2	2	2	3	2	2	1	2	1
CO6	1	1	1	1	3	1	1	1	3	1	2	3	2	2	1
CO7	2	2	3	3	1	2	3	3	1	2	2	1	2	2	2
CO8	3	2	2	2	2	3	2	2	1	3	2	2	1	1	3
CO9	1	1	1	2	2	1	2	2	3	2	2	2	2	3	1
CO10	2	1	1	1	3	2	1	2	2	2	1	2	2	2	2
Total	19	17	17	18	20	17	18	22	20	19	19	18	20	21	18
attainment	1.285	1.231765	1.262778	1.347778	1.285	1.231765	1.262778	1.285455	1.285	1.294211	1.296842	1.347778	1.298	1.237143	1.347778
Total	12.77153										6.527541				
Average	1.277153										1.305508				

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M.Sc -II Inorganic Chemistry 2022-23

Attainment Level of PO-PSO-CO (2022-23)								
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method		Average Attainment of CO	Average Attainment of PO
					I	II		
1	Chemistry	1.76	1	1.41	0.2		1.61	1.28
							I+II	
								1.3
								level 2

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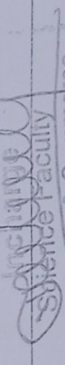
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Department Of Microbiology
Course Attainment for the Year 2022-23

Class –MSc II

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem III	CCTP 7 (MB 701)	Immunology	(CO1)	1	1	Barely achieved	Needs to improve concept knowledge of subject
	CCTP 8 (MB 702)	Molecular Biology	(CO2)	1	1	Barely achieved	Needs to improve concept knowledge of subject
	CCTP 9 (MB 703)	Clinical Microbiology	(CO3)	1.08	2	Partially achieved	Needs to improve concept
	MBPE 32	Practical based on Bioremediation & Biomass utilization	(CO4)	1.95	3	Satisfactorily achieved	
	MPTE32	Bioremediation & Biomass utilization	(CO5)	1	1	Barely achieved	Needs to improve concept
	MPCP3	Practicals based on compulsory theory credits	(CO6)	2	3	Satisfactorily achieved	
	CCTP10(801)	Pharmaceutical Microbiology	(CO7)	1.125	2	Partially achieved	Needs to improve concept
	CCTP(MB802)	Microbial Technology	(CO8)	1.06	1	Barely achieved	Needs to improve concept knowledge of subject
	MBPE41	Practicals based on Quality Assurance & Validation In Pharmaceutical Industry & Development Of anti infectives	(CO9)	1.1875	2	Partially achieved	Needs to improve concept
	MBTE41	Quality Assurance & Validation In Pharmaceutical	(CO10)	1.1875	2	Partially achieved	Needs to improve concept


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SEM IV	Industry & Development Of anti infectives						
MBPE43	Practical based on Industrial Waste water treatment & Industrial production of vaccines	(CO11)	1		1	Barely achieved	Needs to improve concept knowledge of subject
MPTE43	Quality Assurance & Validation In Pharmaceutical Industry & Development Of anti infectives vaccines	(CO12)	1		1	Barely achieved	Needs to improve concept knowledge of subject
MBCP4	Dissertation	(CO13)	1		1	Barely achieved	Needs to improve concept knowledge of subject
		Total	15.60				
		Average	1.20				

2.6.2 Attainment of Program outcomes Program Specific outcomes & Course outcomes are evaluated by the Institution -

PROGRAMME LEVEL ASSESSMENT:

Assessment tools for POs and PSOs

- Assessment tools for POs and PSOs are categorized into two namely-

- Direct assessment method
- Indirect assessment method

Weightage of Attainments for POs and PSOs -

1. Direct Assessment Method - 80%

- University Examination
- Internal Examination
- Practical Examination
- Assignments /Seminars/Project

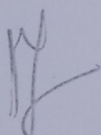
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Department of Microbiology

Course Attainment (Direct Method) - Academic Year 2022-23

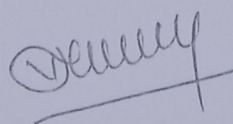
MSC II

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	CCTP7(MB701)	Immunology	(CO1)	1
	CCTP8(MB702)	Molecular Biology	(CO2)	1
	CCTP9(MB703)	Clinical Microbiology	(CO3)	1.083333
	MBPE32	Practical based on Bioremediation and Biomass utilization	(CO4)	1.95833333
	MPTE32	Bioremediation and Biomass utilization	(CO5)	1
	MPCP3	Practicals based on Compulsory Theory Credits.	(CO6)	2
SEM IV	CCTP10(801)	Pharmaceutical Microbiology	(CO7)	1.125
	CCTP(MB802)	Microbial Technology	(CO8)	1.0625
	MBPE41	Practicals based on Quality Assurance And Validation In Pharmaceutical Industry And Development Of Anti infectives	(CO9)	1.1875
	MBTE41	Quality Assurance and Validation in Pharmaceutical Industry and Development Of Anti Infectives	(CO10)	1.1875
	MBPE43	Practicals based on Industrial Waste Water Treatment and Industrial Production of Vaccines	(CO11)	1
	MPTE43	Industrial Waste Water Treatment and Industrial Production of Vaccines	(CO12)	1
	MBCP4	Dissertation	(CO13)	1
	Total			15.6041667
Ave				1.26032051

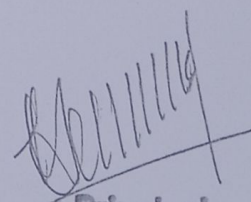


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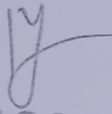
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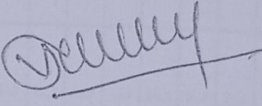


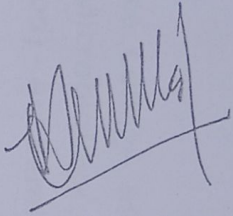
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Indirect Assessments Method - 20%

Sr. No.	Name of the student	Degree	Company
1	Falake Akashay Ashok	M. Sc.	Kings Food Tech (Paithan)
2	Jadhav Pankaj Jalindar	M. Sc.	Sonai Dairy (Indapur)
3	Gophane Sambhaji Shivaji	M. Sc.	Kan Biosys (pune)
4	Devkate Reshma Lugaji	M. Sc.	A.S.C College (Indapur)
5	Gadhav Aniket Laxman	M. Sc.	Sonai Dairy (Indapur)
6	Chavan Nilesh Sunil	M. Sc.	Doodh Ganga (Indapur)
7	Mahesh Mohite Ishwar	M. Sc.	Sudhamrit Milk (Bhopal)
8	Phalphale Suraj Tanaji	M. Sc.	Serum Institute (pune)
9	Tarange Pratik Babasaheb	M. Sc.	Gurukul School (Ghokali)
Placement And Progression =37.5%			Leval =2(Moderate)


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Department of Microbiology

Course Attainment (Direct Method) - Academic Year 2022-23
MSC II

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	3	2	3	3	2	3	2	2	3	3	2	3	2	2
CO2	2	2	2	2	3	3	2	3	3	3	1	2	3	2	3
CO3	2	3	3	2	1	3	3	2	1	2	2	3	2	3	2
CO4	3	3	3	2	3	3	3	2	3	3	3	2	3	2	2
CO5	2	2	1	2	3	1	2	2	3	3	2	3	3	2	2
CO6	3	2	2	3	3	2	3	3	2	2	2	3	3	3	3
CO7	2	3	3	3	3	3	3	3	3	2	2	3	3	3	2
CO8	2	1	2	1	3	2	2	2	3	3	2	3	1	1	3
CO9	3	2	2	3	3	2	3	2	3	3	2	2	2	3	2
CO10	3	3	2	2	2	3	2	2	1	2	1	3	2	3	3
CO11	2	2	3	2	2	3	2	3	2	2	3	2	2	2	1
CO12	2	3	2	3	3	2	3	3	3	2	2	3	3	3	3
CO13	3	2	3	3	2	1	2	3	1	2	2	3	2	3	3
Total	31.0	31.0	30.0	31.0	34.0	30.0	33.0	32.0	29.0	31.0	28.0	32.0	31.0	33.0	31.0
Attainment	1.24328	1.2096774	1.2125	1.208	1.21936	1.21875	1.22917	1.19792	1.2399	1.2009	1.2202	1.1751	1.2272	1.1944	1.172043
Ave	1.21799										1.1978				

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H.O.D. of
Microbiology Department

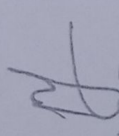
[Signature]
Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune

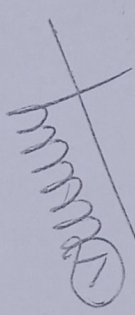
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Principal
Arts, Science & Commerce
College, Indapur, Dist. Pune

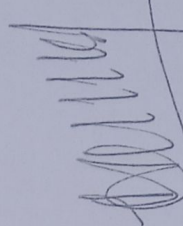
Attainment Level of CO-PO-PSO (A.Y. 2022-23)

MSC II

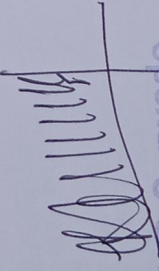
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO
1	Microbiology	1.200320513	2	0.96025641	0.4	1.360256	1.217986979	1.197801259


 H.O.D. of
 Microbiology Department

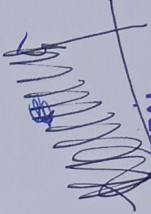

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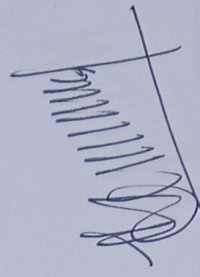
Department of Zoology (2022-23) Course attainment by Direct method M.Sc. Zoology				
	Course Code	Course Name	Course No.	Course Attainment
Sem-III	50331A	ZOUT231: Animal physiology I	CO1	1.33
	50332	ZOUT232: FOS and EC	CO2	1.56
	50333	ZOUT233: Res. Meth. And IPB	CO3	1.44
	50334B	ZOUT234: Gene. Toxicology	CO4	1.22
	50335	ZOUP234: Zoo. Practical III	CO5	2.28
	50336	ZOUP235: Special Lab I	CO6	2.28
	50431A	ZOUT241: Animal physiology II	CO7	1.56
	50432	ZOUT242: MRP and Aqua.	CO8	1.89
	50433B	ZOUT243: Pest control	CO9	2.11
	50434	ZOUP243: Zoo. Practical IV	CO10	1.83
Sem- IV	50435B	ZOUT244: Apiculture	CO11	2.06
	50436	ZOUP244: Zoo. Practical V	CO12	1.89
	50437	ZOUP245: Project	CO13	2.44
Total				23.89
avareage				1.84


Dr. J.P. Sarwade
M.Sc., Ph.D., FZSI
Head

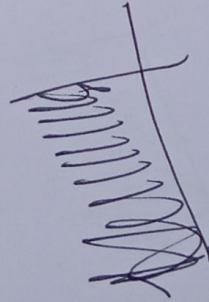
Department of Zoology,
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Attainment of CO (Indirect Method)				
Sr. No.	Name of the student	Job	Degree/profession	Institute
1	Gaikwad Aishwarya D	Job		A.S.C. College Indapur, Dist-Pune
2	Bhanwase Amar K	Job		Twinkle Star School
3	Anpat Ranjit G	Job		P.E.M. School Bemble
4	Shinde Komal N	Job		V.S.P. School
5	Padule Pritam L	Job		P.E.M. School Bemble
6	Chandankar Snehal D	Job		Twinkle Star School
7	Nikam Urmila T	Job		P.E.M. School Bemble
8	Tamboli Salma S	Job		Paramedical College
	Placement and Progression=		44.44444444	
	Level =		3	



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Head
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Arts, Science & Commerce College,
Indapur, Dist. Pune - 413106

CO-PO/PSO Mapping (Direct Method) 2022-23

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	0	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	3	3	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1
CO7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO8	0	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
attainmer	1.874737	1.881818	1.8424	1.836364	1.933158	1.8424	1.8424	1.8424	1.8424	1.8424	1.868636	1.8424	1.8424	1.8424	1.8424
Total	18.58048										9.238236				
Average	1.858048										1.847647				

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Dr. J. P. Sarwade
 Head
 Department of Zoology,
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Attainment Level of PO-PSO-CO (2022-23) MSc Zoology							
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Level of attainment
1	Zoology	1.84	3	1.47	0.6	I+II	level 3
						2.07	
						1.85	
						1.84	

[Signature]

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Department of Political Science (M.A. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Target Achieved	Justification
03	32401	Modern Political Thought	(CO1)	1.8	Satisfactorily achieved	Extra Lectures and Seminars were taken
	32402	Political Sociology	(CO2)	1.8	Satisfactorily achieved	
	32403	World Politics New Development	(CO3)	1.8	Satisfactorily achieved	
	32407	Research Methodology	(CO4)	1.6	Satisfactorily achieved	Extra Lectures and Seminars were taken
04	42401	Fundamental of Political Theory	(CO5)	1.9	Satisfactorily achieved	Extra Lectures and Seminars were taken
	42402	Political Process in India	(CO6)	1.6	Satisfactorily achieved	Extra Lectures and Seminars were taken
	42403	Politics and Society	(CO7)	1.10	Partially achieved	
	42406	Election Studies	(CO8)	1.6	Satisfactorily achieved	Extra Lectures and Seminars were taken
			Total	13.2		
			Average	1.65	Satisfactorily achieved	Extra Lectures and Seminars were taken

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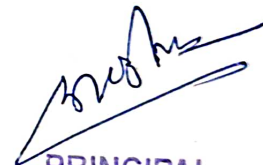
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CO-PO/PSO Mapping(Direct Method) M.A. 2022-23

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	2	1	2	2	1	2	2	2	2	3	2	2	2	3
Co2	1	1	2	2	1	2	2	2	1	2	2	1	3	2	2
Co3	2	2	3	1	3	1	3	3	2	2	2	2	1	2	2
Co4	3	3	2	1	1	2	1	1	3	2	2	2	2	2	2
Co5	1	1	1	2	2	3	2	1	1	2	2	2	3	3	3
Co6	2	2	2	3	3	2	1	2	3	2	2	3	2	2	1
Co7	1	1	1	2	2	1	2	2	2	2	3	1	3	3	2
Co8	3	3	2	1	1	2	1	3	1	2	1	3	1	1	1
Total	15	15	14	14	15	14	14	16	15	16	17	16	17	17	16
PO/PSO Attainment	1.65	1.65	1.74	1.74	1.65	1.68	1.67	1.64	2.58	1.65	1.62	1.66	1.63	1.63	1.68
Total PO	17.65										Total PSO	8.22			
Average PO	1.75										Average PSO	1.64			
PO											PSO				



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Attainment of CO- M.A. (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1.	Shingade Maithili	B.Ed	V.P.College of Education
2.	Parade Madhuri	B.Ed.	V.P.College of Education

Placement & Progression = 54.54 %

Level = 3 (High)

Attainment Level of CO-PO-PSO (M.A. 2020-21)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.89	-	1.76	0.60	2.36	2.30	2.37	Level 4



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DEPARTMENT OF PHYSICS (A.Y. 2022-2023) Course Attainment(Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem V	PH351	Mathematical methods in physics II	(CO1)	1.4
	PH 352	Electrodynamics	(CO2)	2.6
	PH 353	Classical Mechanics	(CO3)	2
	PH 354	Atomic and Molecular Physics	(CO4)	2
	PH 355	Computational Physics	(CO5)	2
	PH356	Elements of material science	(CO6)	1.6
	PH357	Physics lab -3A	(CO 7)	1
	PH358	Physics lab -3B	(CO8)	2
	PH359	Project –I	(CO9)	3
	PHY 3510	Energy studies	(CO10)	2.8
	PHY(3511K)	Physics workshop skill	(CO11)	3
SEM VI	PH361	Solid state Physics	(CO12)	2.8
	PH 362	Quantum Mechanics	(CO13)	3
	PH 363	Thermodynamics and Statistical Physics	(CO14)	2.8
	PH 364	Nuclear Physics	(CO15)	2
	PH 365	Electronics/Advanced Electronics Electronics	(CO16)	2.4
	PH366	Lasers	(CO17)	3
	PH367	Laboratory Course 4A	(CO18)	3
Practical	PH368	Laboratory Course 4B	(CO19)	3
	PH369	Project II	(CO20)	3
	PHY3610	Solar PV System	(CO21)	3
	Phy-3611	Photography	(CO22)	3
			Total	54.44
			Average	2.47

CO-PO/PSO Mapping(Direct Method)

CO-PO Matrix	CO Atta	P O 1	CO *PO 1	P O 2	CO *PO 2	P O 3	CO *PO 3	P O 4	CO *PO 4	P O 5	CO *PO 5	P O 6	CO* PO6	P O 7	CO *PO 7	P O 8	CO *PO 8	P O 9	CO *PO 9	P O 10	CO* PO1 0	PS O 1	CO* PSO 1	PS O 2	CO* PSO 2	PS O 3	CO* PSO 3	PS O 4	CO* PSO 4	PS O 5	CO* PSO 5
Co1	1.4	2	2.8	3	4.2	2	2.8	3	4.2	2	2.8	3	4.2	2	2.8	3	4.2	3	4.2	3	4.2	3	4.2	3	4.2	3	4.2	3	4.2	1	1.4
Co2	2.6	3	7.8	2	5.2	2	5.2	2	5.2	3	7.8	3	7.8	3	7.8	2	5.2	2	5.2	2	5.2	2	5.2	3	7.8	3	7.8	2	5.2	2	5.2
Co 3	2	2	4	3	6	3	6	3	6	2	4	2	4	3	6	1	2	3	6	3	6	3	6	3	6	2	4	2	4	3	6
Co 4	2	2	4	2	4	3	6	2	4	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	2	4	3	6	2	4
Co 5	2	2	4	3	6	2	4	3	6	2	4	3	6	3	6	3	6	3	6	1	2	3	6	3	6	3	6	2	4	1	2
Co 6	1.6	2	3.2	2	3.2	3	4.8	3	4.8	3	4.8	1	1.6	2	3.2	3	4.8	2	3.2	2	3.2	2	3.2	2	3.2	2	3.2	3	4.8	3	4.8
Co 7	1	1	1	3	3	2	2	2	2	2	2	2	2	3	3	2	2	2	2	3	3	1	1	3	3	3	3	3	3	2	2
Co 8	2	2	4	2	4	2	4	2	4	2	4	2	4	2	4	3	6	1	2	3	6	1	2	2	4	2	4	3	6	3	6
Co 9	3	3	9	2	6	3	9	2	6	2	6	3	9	3	9	2	6	3	9	2	6	2	6	3	9	3	9	2	1	3	9
Co 10	2.8	3	8.4	1	2.8	2	5.6	3	8.4	3	8.4	3	8.4	2	5.6	3	8.4	2	5.6	3	8.4	2	5.6	3	8.4	3	8.4	3	8.4	1	2.8
Co 11	3	3	9	2	6	3	9	2	6	2	6	3	9	2	6	2	6	3	9	3	9	3	9	3	9	3	9	3	9	3	9
Co 12	2.8	3	8.4	2	5.6	3	8.4	3	8.4	3	8.4	2	5.6	3	8.4	3	8.4	3	8.4	3	8.4	2	5.6	1	2.8	2	5.6	1	2.8	3	8.4
Co 13	3	2	6	3	9	2	6	2	6	2	6	3	9	2	6	3	9	2	6	3	9	1	3	3	9	3	9	3	9	2	6
Co 14	2.8	1	2.8	2	5.6	2	5.6	2	5.6	3	8.4	3	8.4	3	8.4	3	8.4	3	8.4	2	5.6	3	8.4	3	8.4	3	8.4	2	5.6	3	8.4
Co 15	2	3	6	3	6	3	6	3	6	3	6	3	6	3	6	3	6	2	4	2	4	2	4	3	6	2	4	2	4	2	4
Co 16	2.4	3	7.2	2	4.8	3	7.2	3	7.2	1	2.4	2	4.8	3	7.2	3	7.2	2	4.8	3	7.2	2	4.8	1	2.4	3	7.2	2	4.8	1	2.4
Co 17	3	3	9	3	9	3	9	3	9	1	3	3	9	3	9	2	6	3	9	1	3	3	9	3	9	3	9	3	9	3	9
Co 18	3	2	6	2	6	2	6	3	9	3	9	2	6	2	6	3	9	2	6	3	9	3	9	2	6	2	6	3	9	3	9
Co 19	3	2	6	3	9	3	9	2	6	3	9	3	9	2	6	3	9	2	6	2	6	3	9	3	9	3	9	2	6	3	9
Co 20	3	2	6	2	6	2	6	2	6	3	9	3	9	3	9	2	6	3	9	3	9	3	9	2	6	2	6	3	9	2	6
Co 21	3	3	9	2	6	3	9	3	9	1	3	3	9	3	9	2	6	3	9	1	3	2	6	3	9	3	9	2	6	3	9

[illegible]

Attainment of CO (Indirect method)

Sr. No.	Name of the students	Degree	Institute/College
1	Vajale Pratiksha Bandu	M.Sc.	A.S.C. College, Indapur
2	Markad Prajakta Kalidas	M.Sc.	A.S.C. College, Indapur.
3	Chaphakanade Nikita Vishwanath	M.Sc.	A.S.C. College, Indapur

Attainment Level CO-PO- PSO

Sr. No	Department	Average attainment of course by direct method	Average attainment of course by indirect method	80% average attainment of course by direct method	20% average attainment of course by direct method II	Attainment of CO I+II	Average Attainment of PO	Average attainment of PSO	Attainment Level PO/ PSO
1	Physics	2.47	3	1.97	0.6	2.57	2.56	2.78	Level 5


Head
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Department of Political Science (T.Y. B.A. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Target Achieved	Justification
5	35161	Public Administration	(CO1)	1.63	Satisfactorily achieved	
	35162	International Relations	(CO2)	1.54	Satisfactorily achieved	
	35163	Modern Political Analysis	(CO3)	1.63	Satisfactorily achieved	
	35165	Samyukta Maharashtra Movement	(CO4)	1.70	Satisfactorily achieved	Extra lectures & seminars were taken
6	36161	Public Administration	(CO5)	1.90	Satisfactorily achieved	
	36162	International Relations	(CO6)	1.54	Satisfactorily achieved	
	36163	Modern Political Analysis	(CO7)	1.54	Satisfactorily achieved	Extra lectures & seminars were taken
	36165	Samyukta Maharashtra Movement	(CO8)	1.80	Satisfactorily achieved	
			Total	13.68		
			Average	1.66	Satisfactorily achieved	

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CO-PO/PSO Mapping(Direct Method) (T.Y.B.A.) 2022-23

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	1	3	2	3	2	1	3	2	3	1	3	1	3
Co2	2	3	1	2	3	2	2	1	2	1	3	2	3	2	2
Co3	1	3	2	1	2	1	1	2	1	2	2	3	2	2	3
Co4	2	2	3	3	2	2	3	3	2	3	1	3	1	3	1
Co5	1	1	2	2	1	3	2	1	2	2	2	2	2	2	2
Co6	3	2	1	2	3	1	1	2	3	1	3	3	1	2	2
Co7	1	3	3	2	2	2	3	3	2	2	2	2	3	2	2
Co8	2	2	3	2	3	2	3	1	2	3	3	3	1	1	1
Total	15	18	16	17	18	16	17	14	17	16	19	19	16	15	16
PO/PSO Attainment	1.63	1.68	1.74	1.81	1.67	1.63	1.72	1.74	1.73	1.67	1.59	1.65	1.6	1.66	1.62
Total PO	17.021											Total PSO	8.12		
Average PO	1.7											Average PSO	1.62		
PO															


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Attainment of CO- B A (Indirect Method)

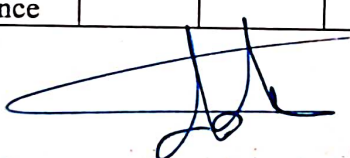
Sr. No.	Name of the student	Degree	Institute
1.	Jadhav Amol Popat	M.A.	A.S.C. College Indapur
2.	Jagtap Mahendra Ganesh	M.A.	A.S.C. College Indapur
3.	Raut Rohit Ashok	M.A.	A.S.C. College Indapur
4.	Khamgal Sachin Prakash	M.A.	A.S.C. College Indapur
5.	Mulani Ujma Allam	M.A.	A.S.C. College Indapur

Placement & Progression = 45.45 %

Level = 3 (High)

Attainment Level of CO-PO-PSO (A.Y. 2022-23)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	Political Science	1.66	3	1.32	0.60	1.92	1.7	1.62	Level 5


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Calculation for CO Attainment - Academic Year 2022-23

Class: T. Y. B. A.

Sem: V

Sr. No.	Name of the student	Gg:320(A)			Gg:301(A)			Gg:310(A)			SEC-2C		
		Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment
1	ADHAV PRANOTI ASHOK	71	71	2	63	63	2	51	51	1	29	58	1
2	ARADENIKITA LAHU	46	46	1	55	55	1	51	51	1	27	54	1
3	BHAGYAWANT SANKET DATTATRAY	59	59	1	77	77	2	52	52	1	24	48	1
4	AYESHA HUSEN SHAIKH	83	83	3	78	78	2	67	67	2	31	62	2
5	DESHMUKH RUTUJA SHARAD	61	61	2	62	62	2	66	66	2	24	48	1
6	GADE PRATIKSHA VITTHAL	72	72	2	60	60	2	67	67	2	26	52	1
7	HARULE SNEHAL SURESH	88	88	3	78	78	2	74	74	2	26	52	1
8	JADHAV SANTOSH ARJUN	60	60	2	68	68	2	69	69	2	27	54	1
9	JADHAV SONALI MAHADEV	70	70	2	48	48	1	65	65	2	17	34	1
10	KAMBLE RITIKA MANOJ	42	42	1	53	53	1	51	51	1	14	28	1
11	KAVITAKE MAHESH CHANDRAKANT	57	57	1	AB	AB	0	54	54	1	23	46	1
12	KOPNAR PRIYA ASHOK	78	78	2	89	89	3	75	75	2	25	50	1
13	MAKHARE VIDHYA DATTATRAY	93	93	3	86	86	3	91	91	3	37	74	2
14	NANDKUMAR JAGANNATH SHINDE	74	74	2	85	85	3	74	74	2	39	78	2
15	PATHAN AFTABH SULTAN	42	42	1	52	52	1	50	50	1	25	50	1
16	PATIL SURAJ BHIMRAO	49	49	1	52	52	1	51	51	1	23	46	1
17	SHAIKH AMAN ASHIF	42	42	1	45	45	1	47	47	1	12	24	1
18	SHINDE SWATI ARUN	83	83	3	71	71	2	63	63	2	28	56	2
19	SURVASE VETAL ANNA	90	90	3	79	79	2	87	87	3	28	56	2
20	KATE PALLAVI SHAIKESH	88	88	3	77	77	2	83	83	3	39	78	2
21	KATE SARVADAMAN SHAIKES	67	67	2	67	67	2	64	64	2	30	60	2
22	SHAIKH SHAMIR ILAYI	81	81	3	72	72	2	71	71	2	22	44	1
	Average			2.00			1.77			1.77			1.32

[Signature]

Dr. Gajanān Dhobale

Head

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Prof. Dr. Jiwah Sarwade

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Calculation for CO Attainment - Academic Year 2022-23

Class: T. Y. B. A.

Sem: VI

Sr. No.	Name of the student	Gg:320(B)			Gg:301(B)			Gg:310(B)			SEC-2D		
		Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment	Marks	%	Attainment
1	ADHAV PRANOTI ASHOK	71	71	2	47	47	1	67	67	2	12	24	1
2	ARADENIKITA LAHU	57	57	1	48	48	1	57	57	1	24	48	1
3	BHAGYAWANT SANKET DATTATRAY	59	59	1	55	55	1	67	67	2	24	48	1
4	AYESHA HUSEN SHAIKH	89	89	3	47	47	1	79	79	2	36	72	2
5	DESHMUKH RUTUJA SHARAD	59	59	1	57	57	1	69	69	2	23	46	1
6	GADE PRATIKSHA VITTHAL	64	64	2	45	45	1	74	74	2	25	50	1
7	HARULE SNEHAL SURESH	82	82	3	68	68	2	74	74	2	30	60	2
8	JADHAV SANTOSH ARJUN	78	78	2	50	50	1	76	76	2	27	54	1
9	JADHAV SONALI MAHADEV	63	63	2	24	24	1	72	72	2	25	50	1
10	KAMBLE RITIKA MANOJ	65	65	2	32	32	1	49	49	1	16	32	1
11	KAVITAKE MAHESH CHANDRAKANT	20	20	1	AB	AB	0	53	53	1	12	24	1
12	KOPNAR PRIYA ASHOK	81	81	3	50	50	1	76	76	2	30	60	2
13	MAKHARE VIDHYA DATTATRAY	96	96	3	93	93	3	91	91	3	37	74	2
14	NANDKUMAR JAGANNATH SHINDE	89	89	3	76	76	2	82	82	3	35	70	2
15	PATHAN AFTABH SULTAN	55	55	1	47	47	1	51	51	1	26	52	1
16	PATIL SURAJ BHIMRAO	52	52	1	57	57	1	67	67	2	22	44	1
17	SHAIKH AMAN ASHIF	50	50	1	AB	AB	0	57	57	1	16	32	1
18	SHINDE SWATI ARUN	79	79	2	57	57	1	83	83	3	31	62	2
19	SURVASE VETAL ANNA	92	92	3	64	64	2	81	81	3	31	62	2
20	KATE PALLAVI SHAIKESH	88	88	3	81	81	3	89	89	3	40	80	2
21	KATE SARVADAMAN SHAIKES	66	66	2	AB	AB	0	64	64	2	26	52	1
22	SHAIKH SHAMIR ILAYI	65	65	2	45	45	1	72	72	2	25	50	1
Average				2.00			1.18			2.00			1.36

Dr. Gajanan Dhobale

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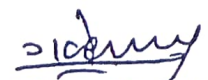
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Calculation for CO Attainment - Academic Year 2022-23

Class: T. Y. B. A.

Sem: V & VI

Semester	Course Code	Course Name	Course No.	Course Attainment
V	Gg:320(A)	Geography of India -I	CO1	2.00
	Gg:301(A)	Practical Geography – I	CO2	1.77
	Gg:310(A)	Geography of Disaster Management-I/Geography of Tourism- I	CO3	1.77
	SEC-2C	Research Methodology – I	CO4	1.32
VI	Gg:320(B)	Geography of India -II	CO5	2.00
	Gg:301(B)	Practical Geography – II	CO6	1.18
	Gg:310(B)	Geography of Disaster Management-II/Geography of Tourism- II	CO7	2.00
	SEC-2D	Research Methodology – II	CO8	1.36
			Average	1.68


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CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	2	1	1	1	3	3	3	0	1	1	1	2	1
CO2	2	2	0	2	2	2	1	1	1	3	2	2	1	1	3
CO3	3	1	2	2	2	3	2	2	2	1	3	3	1	2	2
CO4	1	3	1	1	2	2	3	3	1	2	1	1	1	3	1
CO5	3	2	2	2	1	3	1	1	1	1	2	2	3	3	2
CO6	2	1	2	1	0	1	3	2	1	2	3	3	1	3	1
CO7	2	2	2	2	1	0	2	3	2	3	1	1	2	3	2
CO8	2	3	2	1	3	1	1	1	2	1	2	2	1	3	1
PO/PSO Attainment	1.74	1.64	1.69	1.75	1.65	1.69	1.64	1.69	1.73	1.65	1.63	1.63	1.76	1.64	1.75
Total PO	16.85										Total PSO	8.41			
Average PO	1.69										Average PSO	1.68			

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Attainment Level of CO/PO/PSO - Academic Year 2022-23

Class: T. Y. B. A.

Sem: V & VI

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	1.68	1	1.34	0.2	1.54	1.69	1.68	3

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DEPARTMENT OF HINDI (A.Y. 2022-23) (BA) T.Y.B.A -
Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	35091	Hindi Sahitya ka Itihas	(CO1)	2.42
	35092	Bhasha vidnyan	(CO2)	2.0
	35093	Kathettar Vidhaya	(CO3)	1.42
	35096	Patkatha Lekhan	(CO4)	2.5
SEM IV	36091	Hindi Sahitya ka Itihas	(CO5)	1.57
	36092	Hindi bhasha ka Vikas	(CO6)	1.71
	36093	Gazal Vidhaye Evam Pattrachar	(CO7)	1.57
	36096	Sahitya Aur Philmantaran	(CO8)	2.0
			Total	15.19
			Average	1.89

DEPARTMENT OF HINDI (A.Y. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	CO Attainment	Target Achievement	Justification
Sem III	35091	Hindi Sahitya ka Itihas	(CO1)	2.42	4	Significant Achieved	
	35092	Bhasha vidnyan	(CO2)	2.0	3	Satisfied Achieved	
	35093	Kathettar Vidhaya	(CO3)	1.42	2	Partially Achieved	Needs To Improve Concepts as well as Knowledge
	35096	Patkatha Lekhan	(CO4)	2.5	4	Significant achievement	
SEM IV	36091	Hindi Sahitya ka Itihas	(CO5)	1.57	2	Partially Achieved	Needs To Improve Concepts as well as Knowledge
	36092	Hindi bhasha ka Vikas	(CO6)	1.71	3	Satisfied Achieved	
	36093	Gazal Vidhaye Evam Patrachar	(CO7)	1.57	3	Satisfied Achieved	
	36096	Sahitya Aur Philmantaran	(CO8)	2.0	3	Satisfied Achieved	
			Total	15.19			
			Average	1.89			

(Signature)

(Signature)

Attainment of CO (Indirect Method) 2022-23

Sr. No.	Name of the student	Degree	Institute
1	Bhosale Dnyanshwari Popat	M. A	A.S.C. College Indapur, Dist-Pune
2	More Monali Ramesh	M. A	A.S.C. College Indapur, Dist-Pune
3	Palekar Sakshi Santosh	M.A.	A.S.C. College Indapur, Dist-Pune
4	Shaikh Sahil Amin	M.A.	A.S.C. College Indapur, Dist-Pune
		%	57.14%
		Attainment Level	3 (High)

2022-23

Name	Marks	%	CO1 Atta.	Marks	%	CO2	Marks	%	CO2 Atta	Marks	%	CO3	Marks	%	CO3 Atta	Marks	%	CO4	Marks	%	CO4 Atta
Bhosale DP	58	58	3	57	57	57	1	55	1	55	55	1	1	34	1	34	34	68	1	68	68
Jarad SB	51	51	1	51	51	51	1	53	1	53	53	1	1	34	1	34	34	68	1	68	68
More MR	86	86	3	77	77	77	2	54	2	54	54	1	1	37	1	37	37	74	1	74	74
Nikam MP	69	69	2	77	77	77	2	64	2	64	64	2	2	39	2	39	39	78	2	78	78
Palekar SS	70	70	2	73	73	73	2	69	2	69	69	2	2	38	2	38	38	76	2	76	76
Shaikh SA	81	81	3	82	82	82	3	74	3	74	74	2	2	43	2	43	43	86	2	86	86
			17				14		14				10		10						
			2.42				2		2				1.42		1.42						

Marks	CO5		CO5 Atta		CO6		CO6 Atta		CO7		CO7 Atta		CO8		CO8 Atta	
	%		Marks		%		Marks		%		Marks		%		Marks	
63	63	2	55	55		43	43	1	43	43	1	36	72	2		
54	54	1	35	35		52	52	1	52	52	1	30	60	1		
51	51	1	49	49		54	54	1	54	54	1	32	64	2		
67	67	2	80	80		70	70	2	70	70	2	41	82	3		
57	57	1	87	87		76	76	3	76	76	2	37	74	2		
80	80	2	83	83		81	81	3	81	81	3	41	82	3		
		11						12			11			14		
		1.57						1.71			1.57			2		

CO-PO/PSO Mapping (Direct Method) Hindi 2022-23

PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
1	3	2	3	2	1	3	2	3	2	2	2	1	3	3	
2	2	3	2	1	3	2	3	2	1	3	3	3	2	3	
3	3	2	3	2	1	3	2	3	2	3	2	2	3	2	
4	3	2	3	2	2	3	1	3	2	3	3	2	2	3	
5	3	2	3	2	3	1	2	2	3	3	2	2	2	3	
6	3	3	2	2	3	2	2	1	2	3	2	2	2	2	
7	3	2	3	3	2	2	3	2	1	3	3	2	3	2	
8	3	2	3	2	3	3	2	2	3	3	2	3	2	3	
al	23	18	22	16	18	19	17	18	16	23	19	18	19	21	
/PSO Attainment	2.87	2.25	2.75	2.0	2.25	2.37	2.12	2.25	2.0	2.87	2.27	2.25	2.37	2.62	2
al PO	23.87	Total PSO									11.88				
.PO	2.38	Average PSO =									2.37				

3 = Higher Correlation with Co and Po

2 = Moderate Correlation with Co and Po

1 = Lower Correlation with Co and Po

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CO-PO/PSO Mapping (Direct Method) Hindi 2022-23

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	3	2	3	2	1	3	2	3	2	2	2	1	3	3	3
Co2	2	3	2	1	3	2	3	2	1	3	3	3	2	3	3
Co3	3	2	3	2	1	3	2	3	2	3	2	2	3	3	2
Co4	3	2	3	2	2	3	1	3	2	3	3	2	3	2	2
Co5	3	2	3	2	2	3	1	3	2	3	3	2	3	2	2
Co6	3	3	2	2	3	1	2	2	3	3	2	2	2	3	3
Co7	3	2	3	3	2	2	2	1	2	3	2	3	2	2	3
Co8	3	2	3	3	2	2	3	2	1	3	3	2	2	3	2
Total	23	18	22	16	18	19	17	18	16	23	19	18	19	21	19
PO/PSO Attainment	2.87	2.25	2.75	2.0	2.25	2.37	2.12	2.25	2.0	2.87					
Total PO	23.87														
Ave. PO	2.38														
Total PSO											11.88				
Average PSO =											2.37				

- Attainment level for PO's / PSO's

PO/ PSO Level	Target Attainment	Target Achievement
Level - 4	2.0 - 2.5	Significantly achieved PO/ PSO

Attainment Level of PO-PSO-CO (A.Y.2022-23)

Attainment Level of PO-PSO-CO (A.Y.2022-23)								
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO
					II	I+II		
1	Hindi	1.89	3.0	1.51	0.6	2.11	2.38	2.37



डॉ. एस.एन. पवार
हिंदी विभाग प्रमुख
कला विज्ञान आणि वाणिज्य महाविद्यालय
इंदोपुर, जि. पुणे. 413106


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Department of English

TYBA Academic Year 2022-2023

Semester -V

Sr.No	Name of Student	35331			35332			35333			35334			35851			35852		
		CO1			CO2			CO3			CO4			CO5			CO6		
		Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt
1	Lavand Sanjana	52	52	1	70	70	2	52	52	1	33	66	2	61	61	2	67	67	2
2	Surve Radhika	78	78	2	80	80	2	59	59	1	32	64	2	74	74	2	71	71	2
3	Kazi Sumaiya	51	51	1	58	58	1	52	52	1	34	68	2	0	0	0	0	0	0
4	Kusalkar Ankita	63	63	2	55	55	1	45	45	1	34	68	2	0	0	0	0	0	0
	Average	61	61	1.5	65.75	66	1.5	52	52	1	33.25	67	2	33.75	34	1	34.5	35	1

Semester -VI

Sr.No	Name of Student	36331			36332			36333			36334			36851			36852		
		CO7			CO8			CO9			CO10			CO11			CO12		
		Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt	Marks	%	Attnt
1	Lavand Sanjana	70	70	2	53	53	1	65	65	2	35	70	2	71	71	2	70	70	2
2	Surve Radhika	77	77	2	62	62	2	71	71	2	37	74	2	74	74	2	70	70	2
3	Kazi Sumaiya	55	55	1	59	59	1	71	71	2	36	72	2	0	0	0	0	0	0
4	Kusalkar Ankita	60	60	1	58	58	1	63	63	2	39	78	2	0	0	0	0	0	0
	Average	65.5	66	1.5	58	58	1.25	67.5	68	2	36.75	74	2	36.25	36	1	35	35	1

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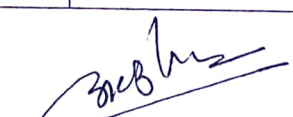
In Charge (Sr)
Arts Faculty
Art Science & Commerce College
Indapur (Pune) Pin-413106

Department of English
Arts, Science and Commerce College
Indapur, Dist. Pune, 413106

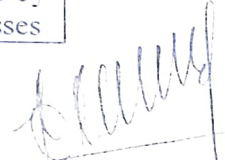
DEPARTMENT OF English (A.Y. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
SEM. V	35331	Appreciating Novel	(CO1)	1.5	Satisfactorily achieved	
	35332	Introduction to Literary Criticism	(CO2)	1.5	Satisfactorily achieved	
	35333	Enhancing Employability Skills	(CO3)	1	Barely achieved	Need to improve by taking extra classes
	35334	Mastering life Skills and Life Values	(CO4)	2	Significantly achieved	
	35851	Functional English -5	(CO5)	1	Barely achieved	Need to improve by taking extra classes
	35852	Functional English -6	(CO6)	1	Barely achieved	Need to improve by taking extra classes
SEM. VI						
	36331	Appreciating Novel	(CO7)	1.5	Satisfactorily achieved	
	36332	Introduction to Literary Criticism	(CO8)	1.25	Satisfactorily achieved	
	36333	Enhancing Employability Skills	(CO9)	2	Significantly achieved	
	36334	Mastering life Skills and Life Values	(CO10)	2	Significantly achieved	
	36851	Functional English -5	(CO11)	1	Barely achieved	Need to improve by taking extra classes
	36852	Functional English -6	(CO12)	1	Barely achieved	Need to improve by taking extra classes
			Total	16.75		
			Average	1.39	Partially achieved	Need to improve by taking extra classes

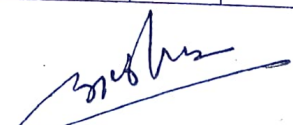

In-Charge (Sr)
Arts Faculty
Art Science & Commerce College
Indapur (Pune) Pin-413106


Head
Department of English
Art, Science and Commerce College
Indapur, Dist-Pune, 413106


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CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	1	2	0	2	2	1	2	2	2	3	3	0	2	2
Co2	2	2	3	1	0	3	2	2	3	2	2	2	2	2	1
Co 3	3	2	2	2	3	2	2	2	2	3	2	1	1	0	2
Co 4	1	3	2	2	2	1	3	3	2	2	1	2	2	3	2
Co 5	2	3	1	2	3	2	3	2	3	2	2	2	2	2	1
Co 6	3	3	3	3	3	3	3	2	2	2	0	3	3	2	3
Co 7	2	3	0	1	2	2	3	3	1	3	2	1	3	2	3
Co8	1	2	1	2	3	3	2	2	2	3	2	3	2	3	2
Co9	2	1	2	2	1	2	2	2	3	2	3	3	1	3	3
Co 10	3	3	2	3	2	1	3	3	1	2	3	1	2	2	2
Co 11	3	2	3	2	2	2	2	2	2	1	2	3	3	2	3
Co 12	3	2	2	2	3	2	2	2	3	2	3	2	3	3	2
Total	27	27	23	22	26	25	28	27	26	26	25	26	24	26	26
Attainment	1.34	1.39	1.38	1.39	1.30	1.33	1.41	1.44	1.37	1.39	1.44	1.38	1.33	1.45	1.40
Total	13.74										7.00				
average	1.37										1.40				


In Charge (Sr)
 Arts Faculty
 Art Science & Commerce College
 Indapur (Pune) Pin-413106


 Department of Arts, Science and Commerce College
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$$\text{PO / PSO Direct Attainment} = \frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$$

Attainment of CO- (Indirect Method)

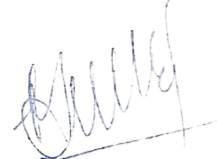
Sr. No.	Name of the student	Degree	Institute
1.			
2.			

Placement & Progression = 00 %

Level = 1 (LOW)


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Attainment Level of CO-PO-PSO (A.Y. 2022-2023)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ENGLISH	1.39	1	1.11	0.20	1.31	1.37	1.40	Level 2


In Charge (Sr)
Arts Faculty
Art Science & Commerce College
Indapur (Pune) Pin-413106


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Department of English
Arts, Science and Commerce College
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INDAPUR-413106 D

DEPARTMENT OF PSYCHOLOGY (A.Y. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment	Level Achieved	Justification
Sem III	35221	Psychological Testing (Theory)	(CO1)	1.28	Partially achieved	Need to improve by taking extra classes
	35222	Psychological Testing (Practical)	(CO2)	2	Significantly achieved	
	35223	Industrial and Organizational Psychology	(CO3)	2.14	Significantly achieved	
	35224	Personality Development-1	(CO4)	2.14	Significantly achieved	
SEM IV	36221	Experimental Psychology (Theory)	(CO5)	1.57	Satisfactorily achieved	
	36222	Experimental Psychology (Practical)	(CO6)	2.42	Significantly achieved	
	36223	Applied Psychology	(CO7)	1.71	Satisfactorily achieved	
	36224	Personality Development-2	(CO8)	2.14	Significantly achieved	
			Total	15.4		
			Average	1.92	Satisfactorily achieved	


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 Dist.Pune.413106


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DEPARTMENT OF PSYCHOLOGY (A.Y. 2022-23)

Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem III	35221	Psychological Testing (Theory)	(CO1)	1.28
	35222	Psychological Testing (Practical)	(CO2)	2
	35223	Industrial and Organizational Psychology	(CO3)	2.14
	35224	Personality Development-1	(CO4)	2.14
SEM IV	36221	Experimental Psychology (Theory)	(CO5)	1.57
	36222	Experimental Psychology (Practical)	(CO6)	2.42
	36223	Applied Psychology	(CO7)	1.71
	36224	Personality Development-2	(CO8)	2.14
			Total	15.4
			Average	1.92

CO-PO/PSO Mapping (Direct Method) Psychology 2022-23

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
1	3	1	3	3	3	2	0	2	2	2	3	0	2	2	1
2	3	2	3	3	2	0	3	2	2	3	1	2	3	0	1
3	3	2	3	3	2	2	1	2	1	3	0	0	3	1	1
4	3	2	3	3	2	1	2	3	0	1	3	2	1	0	3
5	3	3	2	2	0	0	2	2	1	1	1	1	1	3	2
6	3	3	3	3	2	1	0	2	2	3	2	2	0	2	1
7	3	1	3	3	3	2	2	2	2	2	3	0	2	2	1
8	3	2	3	3	2	0	3	2	2	3	1	2	3	0	1
Total	24	16	23	23	16	8	13	17	12	18	14	9	15	10	11
Average	3	2	2.87	2.87	2	1	1.62	2.12	1.5	2.25	1.75	1.12	1.87	1.25	1.37
Total PO	21.23										Total PSO	7.36			
Average PO	2.12										Average PSO	1.47			

Attainment level for PO's/PSO's		
PO/PSO Level	Target Attainment	Target Achievement
Level-3	1.5 - 2.0	Satisfactorily achieved PO/PSO

Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree	Institute
1	Adhav Dhanashri Sanjay	M.A.	T.C. College Baramati, Dist-Pune
2	Borate Siddhi Sanjay	M.A.	T.C. College Baramati, Dist-Pune
3	Jadhav Samadhan Ashok	M.A.	savitribai phule pune university pune
4	Pol Diksha Shankar	M.A.	T.C. College Baramati, Dist-Pune

Placement and Progression= 57.14%
Level = 3 (High)

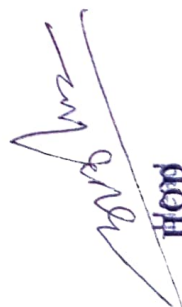
Attainment Level of PO-PSO-CO (2022-23)								
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO
					II	I+II		
1	PSYCHOLOGY	1.92	3	1.53	0.6	2.13	2.12	1.47


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DEPARTMENT OF ECONOMICS (A.Y. 2022-23)

Course Attainment (Direct Method) (B.A.)

Semester	Course Code	Course Name	Course No.	Course Attainment
V	35151	Intentional Economics -I	(CO1)	1
	35152	Public Finance-I	(CO2)	1
	35153	Indian Economics Development-I	(CO3)	1.3
VI	36151	Intentional Economics -II	(CO4)	0.93
	36152	Public Finance-II	(CO5)	1
	36153	Indian Economics Development-II	(CO6)	1.3
			Total	6.53
			Average	1.08


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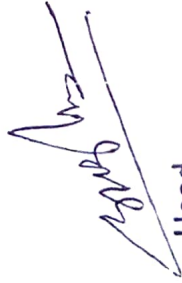
Attainment of CO- (Indirect Method)

Sr. No.	Name of the student	Degree/ JOB	Institute
1.	Manjula Ganesh Dyandev	M.A	A.S.C.COLLEGE INDAPUR
2.	Makare Prajakta Pramod	NURSING	YASH INSTITUTE
3.	Shine Pooja Eshwar	BUSINESS	OWN

Placement & Progression = $3/16 \times 100$

= 18.75 %

Level = 1 (LOW)



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CO-PO/PSO Mapping (Direct Method)

CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	3	2	3	2	1	1	2	2	2	2	3	2	2	3
Co2	3	2	3	3	2	1	3	2	2	3	1	2	3	1	1
Co3	3	2	2	3	2	2	3	1	1	2	1	1	2	1	1
Co4	3	2	3	3	2	3	1	2	2	1	3	2	1	1	3
Co5	1	3	1	3	2	2	1	3	1	1	2	2	1	3	2
Co6	2	3	1	3	1	1	2	2	1	1	1	2	2	1	2
Total	14	15	12	18	11	10	11	12	9	10	10	12	11	9	12
PO/PSO															
Attainment															
	Total Po	10.79417821									Total Pos	5.321449495			
	Average	1.079417821									Average	1.064289899			
CO-PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
Co1	2	3	2	3	2	1	1	2	2	2	2	3	2	2	3

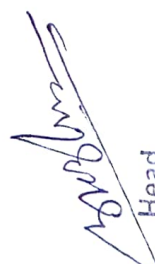
$$\text{PO / PSO Direct Attainment} = \frac{\sum(\text{overall CO attainment} \times \text{PO/PSO Level})}{\sum(\text{Level of mapping PO/PSO with CO})}$$

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Dist.Pune.413106

Attainment Level of CO-PO-PSO (A.Y. 2022-23)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1.	ECONOMICS	1.08	1	0.86	0.20	1.06	1.07	1.06	Level 2


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Arts, Science and Commerce College, Indapur, Department of History

Course Attainment by Direct Method BA_History (22_23)

Student	CO1			CO2			CO3			CO6			CO7			CO8		
	Marks	%	Att.	Marks	%	Att.	Marks	%	Att.	Marks	%	Att.	Marks	%	Att.	Marks	%	Att.
CHAVAN PRITAM BIBHISHAN	51	51	1	75	75	2	41	82	3	63	63	2	75	75	2	44	88	3
CHITALKAR PRAJAKTA SANDIPAN	81	81	3	77	77	2	43	86	3	80	80	2	55	55	1	43	86	3
DESHMUKH PRATIK RAJENDRA	54	54	1	49	49	1	40	80	2	60	60	1	70	70	2	43	86	3
Mehtre Prarthamesh	63	63	2	47	47	1	41	82	3	63	63	2	57	57	1	34	68	2
Shinde Pruthiraj	51	51	1	51	51	1	39	78	2	61	61	2	68	68	2	42	84	3
Kamble Pritam	60	60	1	59	59	1	42	84	3	63	63	2	50	50	1	41	82	3
Kuber Ashivini	85	85	3	54	54	1	44	88	3	66	66	2	60	60	1	44	88	3
Average	63.57	63.57	1.71	58.86	58.86	1.29	41.43	82.86	2.71	65.14	65.14	1.86	62.14	62.14	1.43	41.57	83.14	2.86

कुल विमान आणि नाविक्य महावि
 इतिहास विभाग प्रमुख
 पुणे
 इंदानुद बि. पुणे

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Arts, Science and Commerce College, Indapur, Department of History						
DEPARTMENT OF HISTORY (A.Y. 2022-23)						
Course Attainment (Direct Method)						
Semester	Course Code	Course Name	Course No.	Course Attainment	Level achieved	Justification
Sem V	35171	Introduction to historiography	(CO1)	1.71	Satisfactorily achieved	
	35172/3	Maharashtra in the 19th century	(CO2)	1.28	Partially achieved	Need to More Extra Classes
	35177	Research Paper Writing	(CO3)	2.85	Completely achieved	
SEM VI	36171	Applied History	(CO4)	2	Significantly achieved	
	36172/3	Maharashtra in the 20th century	(CO5)	1.42	Partially achieved	Need to More Extra Classes
	36177	Heritage management	(CO6)	2.85	Completely achieved	
			Total	12.11		
			Average	2.018	Satisfactorily achieved	

Kind

इतिहास विभाग प्रमुख
कला विज्ञान आणि वाणिज्य महाविद्यालय
इंदापूर, बि. पूणे



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Arts, Science and Commerce College, Indapur

Department of History

Attainment of CO- (Indirect Method) 2022-23

Sr. No.	Name of the student	Degree	Institute
1	Chitalkar prajakta sandipan	MA	Arts, Science and Commerce College, Indapur.
Placement & Progression		12.5	
	Level	1	

Kine

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ज्ञान जगति वाणिज्य महाविद्यालय
इंदोपुर, जि. पुणे

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Arts, Science and Commerce College, Indapur

Department of History

COOPO/PSO Mapping (Direct Method) 2022-23

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विज्ञान अ. १ के. हाविनालय
हंसापुर, ब. पूर्ण

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Arts, Science and Commerce College, Indapur

Department of History

Attainment Level of CO-PO-PSO (A.Y. 2022-23)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	History	2.018	1	1.61	0.2	1.81	1.98	1.923293651	Level 4

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इंदापूर, बि. पुणे

[Signature]

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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment - Academic Year 2022-23

Class: T. Y. B. Sc.

Sem: V & VI

Student	Gg-351			Gg-352			Gg-353			Gg-354			Gg-355			Gg-356			Gg-357			Gg-358		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co8 Attainment
S1	39	78	2	34	68	2	38	76	2	40	80	2	40	80	2	46	92	3	41	82	3	40	80	2
S2	32	64	2	27	54	1	20	40	1	28	56	1	27	54	1	27	54	1	34	68	2	27	54	1
Avg			2.00			1.50			1.50			1.50			1.50			2.00			2.50			1.50

Student	Gg-359			Gg-3510			Gg-3511			Gg-361			Gg-362			Gg-363			Gg-364			Gg-365		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment	Mark	%	Co7 Attainment	Mark	%	Co7 Attainment
S1	43	86	3	45	90	3	44	88	3	42	84	3	41	82	3	43	86	3	40	80	2	43	86	3
S2	39	78	2	40	80	2	41	82	3	36	72	2	24	48	1	34	68	2	35	70	2	31	62	2
Avg			2.50			2.50			3.00			2.50			2.00			2.50			2.00			2.50

Student	Gg-366			Gg-367			Gg-368			Gg-369			Gg-3610			Gg-3611		
	Mark	%	Co1 Attainment	Mark	%	Co2 Attainment	Mark	%	Co3 Attainment	Mark	%	Co4 Attainment	Mark	%	Co5 Attainment	Mark	%	Co6 Attainment
S1	46	92	3	47	94	3	44	88	3	42	84	3	46	92	3	44	88	3
S2	34	68	2	38	76	2	31	62	2	34	68	2	36	72	2	32	64	2
Avg			2.50			2.50			2.50			2.50			2.50			2.50

Sidney

Dr. Gajanan Dhobale

14/06/2023

Principal, ITSPM's, Arts, Science and Commerce College,
Indapur Tal. Indapur Dist. Pune - 411016

Sandip

Dr. Sandip Shinde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist. Pune - 411016

Dr. Jiwan Sarwade

Prof. Dr. Jiwan Sarwade
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ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Course Attainment (Direct Method) - Academic Year 2022-23

Class: T.Y. B. Sc.

Sem V & VI

Semester	Course Code	Course Name	Course No.	Course Attainment
V	Gg-351	Regional Geography of India-I	CO1	2.00
	Gg-352	Geography of Economic Activities-I	CO2	1.50
	Gg-353	Fundamentals of Tourism	CO3	1.50
	Gg-354	Geography of Soil-I	CO4	1.50
	Gg-355	Management of Natural Disasters	CO5	1.50
	Gg-356	Geoinformatics-I	CO6	2.00
	Gg-357	Techniques in Quantitative Analysis	CO7	2.50
	Gg-358	Field Techniques in Geography	CO8	1.50
	Gg-359	Techniques in Geomorphology	CO9	2.50
	Gg-3510	Research Methodology - I	CO10	2.50
	Gg-3511	Elementary Surveying	CO11	3.00
VI	Gg-361	Regional Geography of India-IU	CO1	2.50
	Gg-362	Geography of Economic Activities-II	CO2	2.00
	Gg-363	Tourism Activities and Management	CO3	2.50
	Gg-364	Geography of Soil-II	CO4	2.00
	Gg-365	Management of Manmade Disasters	CO5	2.50
	Gg-366	Geoinformatics-II	CO6	2.50
	Gg-367	GIS Based Project Report	CO7	2.50
	Gg-368	Maps and Mapping Techniques	CO8	2.50
	Gg-369	Soil and Sediment Analysis	CO9	2.50
	Gg-3610	GG 3610 Research Methodology - II	CO10	2.50
	Gg-3611	GG 3611 Total Station Surveying	CO11	2.50
			Avg	2.20

Dr. Gajanan Dhobale

Dr. Sandip Shinde

Prof. Dr. Jiwan Sarwade

PRINCIPAL

ARTS, SCIENCE AND
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Department of Geography
Arts, Science and Commerce College

Coordinator, IQAC
Arts, Science & Commerce College

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
CO/PO/PSO Mapping (Direct Method) - Academic Year 2022-23

Class: T. Y. B. Sc.

Sem: V & VI

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	1	2	2	1	1	0	0	2	2	2	0	1	2
CO2	1	1	1	3	1	3	2	2	2	3	1	1	2	3	0
CO3	2	2	3	2	2	2	1	1	3	0	3	2	1	0	2
CO4	1	1	1	3	1	1	2	2	2	3	2	0	2	2	0
CO5	2	2	3	2	2	2	1	1	3	0	1	3	1	1	2
CO6	2	1	2	1	0	1	3	2	1	2	1	2	0	2	3
CO7	1	2	3	2	1	0	2	3	2	3	1	0	1	2	1
CO8	3	3	2	1	3	1	1	2	2	1	2	1	2	2	3
CO9	1	1	1	1	1	0	1	2	1	2	3	2	1	1	2
CO10	2	2	1	1	1	1	2	0	2	3	2	1	2	3	2
CO11	2	1	2	1	0	3	3	2	1	2	0	3	3	2	1
CO12	1	2	3	2	1	0	2	3	2	3	1	0	2	1	0
CO13	3	3	2	1	3	1	1	2	2	1	2	2	1	3	2
CO14	3	3	1	3	1	1	2	3	2	1	1	0	3	2	1
CO15	3	2	1	2	2	3	1	0	0	2	3	1	2	2	1
CO16	1	1	1	3	1	1	2	2	2	3	0	3	1	1	1
CO17	2	2	3	2	2	2	1	1	3	0	2	2	2	1	0
CO18	3	3	1	3	1	1	2	3	2	1	1	1	2	3	3
CO19	1	2	3	2	1	0	2	3	2	3	3	2	1	2	2
CO20	3	3	2	1	3	1	1	2	2	1	2	1	2	0	1
CO21	3	3	1	3	1	1	2	3	2	1	0	2	2	2	2
CO22	3	3	1	3	1	1	2	3	2	1	1	0	2	1	0
PO Attainment	2.21	2.22	2.19	2.19	2.10	2.11	2.27	2.29	2.18	2.25	2.12	2.21	2.27	2.23	2.18
Total PO	22.00									Total PSO	11.01				
Average PO	2.20									Average PSO	2.20				

Dr. Gajanan Dhobale

Dr. Sandip Shinde

Prof. Dr. Jiwan Sawade

Coordinator, IQAC

PRINCIPAL

Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106

ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST. PUNE

ITSPM's, Arts, Science and Commerce College, Indapur, Dist. Pune
Department of Geography
Attainment Level of CO/PO/PSO - Academic Year 2022-23

Class: T. Y. B. Sc.

Sem: V & VI

Sl. No.	Department	Average Attainment of Course by Direct Method	Average Attainment of Course by Indirect Method	80% of Average Attainment of Course by Direct Method (I)	20% of Average Attainment of Course by Indirect Method (II)	Attainment of CO I + II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/ PSO
1	Geography	2.20	1	1.76	0.20	1.96	2.20	2.20	4


Dr. Gajanan Dhobale

Department of Geography
Arts, Science and Commerce College,
Indapur, Dist. Pune- 413106


Dr. Sandip Shinde

Coordinator, IQAC
Arts, Science & Commerce College
Indapur Tal. Indapur Dist Pune - 413106


Prof. Dr. Jiwan Sarwade
PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Department of Chemistry I.Y.B.Sc (A.Y- 2022-23)

Semester	Course Code	Course Name	Course Attainment	Level Achieved	Justification
Sem V	CH-501	Physical Chemistry-I	0.95	Barely Achieved	Need to improve by conducting extra lectures
	CH-502	Analytical Chemistry-I	1.24	Partially Achieved	Need to improve by conducting extra lectures
	CH-503	Physical Chemistry Practical-I	1.11	Partially Achieved	Need to improve by conducting extra lectures
	CH-504	Inorganic Chemistry-I	0.84	Barely Achieved	Need to improve by conducting extra lectures
	CH-505	Industrial Chemistry	2.25	Significantly Achieved	
	CH-506	Inorganic Chemistry Practical-I	1.11	Partially Achieved	Need to improve by conducting extra lectures
	CH-507	Organic Chemistry-I	1.22	Partially Achieved	Need to improve by conducting extra lectures
	CH-508	Chemistry of Biomolecules	2.2	Significantly Achieved	
	CH-509	Organic Chemistry Practical-I	1.16	Partially Achieved	Need to improve by conducting extra lectures
	CH-510	(B) Polymer Chemistry	1.41	Partially Achieved	Need to improve by conducting extra lectures
	CH-511	(A) Environmental Chemistry	2.24	Significantly Achieved	
Sem VI	CH-601	Physical Chemistry-II	0.5	Barely Achieved	Need to improve by conducting extra lectures
	CH-602	Physical Chemistry-III	1.51	Satisfactorily Achieved	
	CH-603	Physical Chemistry Practical-II	1.37	Partially Achieved	Need to improve by conducting extra lectures
	CH-604	Inorganic Chemistry-II	0.94	Barely Achieved	Need to improve by conducting extra lectures
	CH-605	Inorganic Chemistry-III	1.95	Satisfactorily Achieved	
	CH-606	Inorganic Chemistry Practical-II	1.52	Satisfactorily Achieved	
	CH-607	Organic Chemistry-II	1.22	Partially Achieved	Need to improve by conducting extra lectures
	CH-608	Organic Chemistry-III	2.43	Significantly Achieved	
	CH-609	Organic Chemistry Practical-II	1.4	Partially Achieved	Need to improve by conducting extra lectures
	CH-610	(A) Chemistry Of Soil and Agrochemicals	1.03	Partially Achieved	Need to improve by conducting extra lectures
	CH-611	(b) Chemistry of Cosmetics and Perfumes	2.14	Significantly Achieved	
Total	32.24				
Average	1.465454545			Partially Achieved	Need to improve by conducting extra lectures

[Signature]
Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune

[Signature]
Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune

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INDAPUR-413106 DIST-PUNE

Attainment of CO (Indirect Method)

Sr. No.	Name of the student	Degree/ profession	Institute
1	Ghadage Sakshi Kiran	M.Sc	A.S.C College, Indapur
2	Dole Snehal Dipak	M.Sc	A.S.C College, Indapur
3	Zalke P.S	M.Sc	A.S.C College, Indapur
4	Mane Siddhi Ramesh	M.Sc	A.S.C College, Indapur
5	Jagtap Komal Laxmasaheb	M.Sc	A.S.C College, Indapur
6	Bagal Tejashree Haridas	M.Sc	A.S.C College, Indapur
7	Bansude Sakshi Ankush	M.Sc	A.S.C College, Indapur
8	Shende Nikita Gopal	M.Sc	A.S.C College, Indapur
9	Kharat Archana Jayvant	M.Sc	A.S.C College, Indapur
10	Shahane Akshata Bharat	M.Sc	A.S.C College, Indapur
11	Pawar Dhiraj Satish	M.Sc	A.S.C College, Indapur
12	Marade Anil Bhau	M.Sc	A.S.C College, Indapur
13	Waghmode S.D	M.Sc	A.S.C College, Indapur
14	Raut Pratik Haridas	M.Sc	A.S.C College, Indapur
15	Jangam Shweta S.	M.Sc	A.S.C College, Indapur
16	Kudale Pooja Maruti	M.Sc	A.S.C College, Indapur
17	Deokar Snehal Anil	M.Sc	A.S.C College, Indapur
18	Gophane Anna Maruti	M.Sc	A.S.C College, Indapur
19	Salunke K.S	M.Sc	T.C college, Baramati
20	Kudale P.M	M.Sc	T.C college, Baramati

Placement and progression= 31.74603

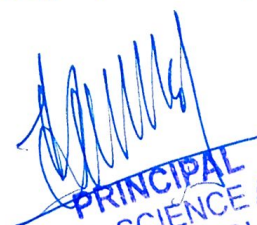
Level= 3



Incharge
Science Faculty
Arts, Science & Commerce
College, Indapur, Dist. Pune



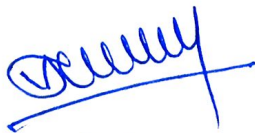
Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune



PRINCIPAL
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INDAPUR 413106 DIST-PUNE

Department of Chemistry T.Y.B.Sc (A.Y- 2022-23)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level of attainment
1	Chemistry	1.46	3	1.17	0.6	1.77	1.48	1.49	level 2


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Head
 Department Of Chemistry
 Arts, Science & Commerce
 College, Indapur, Dist. Pune


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Department of Chemistry T.Y.B.Sc (A.Y-2022-23)

CO PO Mapping Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	3	2	1	3	3	2	2	3	2	2	1	3	2	1
CO2	2	2	1	2	2	2	1	2	2	1	1	2	2	1	1
CO3	1	1	3	1	1	1	3	3	1	2	3	1	2	3	2
CO4	2	1	1	1	2	1	1	2	2	1	2	2	2	2	3
CO5	3	2	2	2	3	2	2	2	3	2	3	3	1	1	1
CO6	1	1	1	3	1	1	1	3	1	2	1	1	3	2	3
CO7	2	3	3	1	2	3	3	2	2	3	2	3	3	3	1
CO8	2	3	2	2	3	2	2	3	3	2	2	2	2	1	2
CO9	1	2	3	3	2	3	3	2	2	3	3	3	3	2	2
CO10	3	1	2	2	3	3	2	3	2	2	2	2	2	2	3
CO11	2	2	1	3	1	3	1	2	3	3	2	3	3	2	1
CO12	2	3	3	1	3	3	3	2	3	1	3	2	2	3	2
CO13	3	2	2	2	2	2	2	2	1	2	2	2	2	1	2
CO14	2	1	2	3	3	3	3	2	3	3	2	2	1	2	3
CO15	3	2	2	2	3	2	2	3	2	2	2	2	2	3	3
CO16	1	2	3	3	2	2	3	3	2	2	3	3	2	2	2
CO17	2	3	2	1	1	2	2	2	2	3	2	1	3	2	2
CO18	3	2	2	2	2	2	3	3	2	2	1	2	2	3	1
CO19	2	3	3	2	3	2	2	3	3	2	2	2	2	3	2
CO20	3	2	3	3	3	2	2	2	2	2	1	2	2	2	2
CO21	1	1	2	2	2	1	2	3	2	2	2	3	2	1	3
CO22	2	2	2	3	2	1	1	3	2	2	2	45	47	47	43
Total	46	44	47	45	49	47	46	50	47	47	46	45	47	47	43
attainment	1.473478	1.520909	1.47234	1.539556	1.477959	1.455532	1.430652	1.5046	1.486383	1.471489	1.494565	1.522222	1.474468	1.464255	1.50186
Total	14.8329										7.457371				
Average	1.48329										1.491474				

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Head
Department Of Chemistry
Arts, Science & Commerce
College, Indapur, Dist. Pune

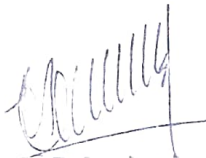
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College, Indapur, Dist. Pune

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INDAPUR-413106 DIST. PUNE

Department of Mathematics T.Y.B.Sc.(AY 2022-23)
Course Attainment (Direct Method)

Semester	Course Code	Course Name	Course No.	Course Attainment
V	35111	Metric Spaces	CO1	1.44
	351110	Programming in Python-I	CO2	3.00
	351111	Latex for Scientific Writing	CO3	3.00
	35112	Real Analysis-I	CO4	1.56
	35113	Group Theory	CO5	1.67
	35114	Ordinary Differential Equations	CO6	1.44
	351115A	Operations Research	CO7	1.78
	351116B	Laplace Transforms and Fourier Series	CO8	1.22
	35117	Practical Course Lab-I	CO9	1.89
	351118	Practical Course Lab-II	CO10	1.56
	351119	Practical Course Lab-III	CO11	3.00
VI	36111	Complex Analysis	CO12	2.44
	361110	Programming in Python-II	CO13	3.00
	361111	Mathematics into Latex	CO14	3.00
	35112	Real Analysis-II	CO15	1.89
	36113	Ring Theory	CO16	2.11
	36114	Partial Differential Equations	CO17	2.11
	361115A	Optimization Techniques	CO18	2.56
	361116B	Lebesgue Integration	CO19	2.33
	36117	Practical Course Lab-I	CO20	2.78
	361118	Practical Course Lab-II	CO21	2.89
	361119	Practical Course Lab-III	CO22	2.78
Total				49.45
Average				2.25


Head of Department
Department of Mathematics
Arts, Science & Commerce
Bhamburda


Principal
Arts, Science & Commerce
Bhamburda, Dist. Pune

CO-PO-PSO Matrix T.Y.B.Sc. (AY 2022-23)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	2	2	2	2
CO3	0	2	3	1	0	3	3	3	3	3	3	3	2	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	3	1	1
CO5	2	3	3	3	3	3	3	3	3	3	3	3	1	2	2
CO6	1	1	1	0	1	1	1	1	1	1	1	1	2	2	3
CO7	2	2	2	2	0	2	2	2	2	2	2	2	3	2	2
CO8	0	2	3	3	3	3	3	3	3	3	3	3	2	2	1
CO9	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2
CO10	1	1	1	0	1	1	1	1	1	1	0	1	2	2	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	1	1	2
CO12	1	1	1	1	0	1	1	1	1	1	1	1	2	2	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	1	1	0
CO14	2	1	1	1	1	1	1	1	1	1	1	1	2	2	1
CO15	2	2	2	0	2	2	2	2	2	2	2	2	1	1	2
CO16	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1
CO17	2	2	2	2	0	2	2	2	2	2	2	2	3	2	2
CO18	3	3	3	1	3	2	3	2	3	2	2	2	2	3	2
CO19	0	0	2	2	3	2	2	3	1	3	3	1	1	3	1
CO20	3	3	1	2	1	3	2	3	3	1	0	3	1	1	2
CO21	0	2	3	0	0	1	2	1	2	0	0	2	2	3	1
CO22	3	3	0	2	1	3	2	3	3	0	3	2	2	2	2
Attainment	2.30	2.32	2.25	2.22	2.17	2.27	2.27	2.27	2.27	2.23	2.26	2.25	2.29	2.24	2.27
Average											2.26				2.26


HEAD
 Department Of Mathematics
 Arts, Science & Commerce College
 Solapur


Principal
 Arts, Science & Commerce
 College Solapur

Department of Mathematics T.Y.B.Sc.(AY 2022-23)
Course Attainment (Indirect Method)

Sr.No.	Name of The Student	Course	Institute
1	Bhosale Rajratn V.	M.Sc.	Department of Mathematics, SPPU, Pune
2	Deokar Shweta B.	M.Sc.	Tuljaram Chaturchand College Baramati
3	Ghadge Siddhnath M.	M.Sc.	Tuljaram Chaturchand College Baramati
4	Kambale Shaila S.	M.Sc.	Tuljaram Chaturchand College Baramati
5	Shinde Radhika S.	M.Sc.	Tuljaram Chaturchand College Baramati
6	Baral Sakshi B.	M.Sc.	Tuljaram Chaturchand College Baramati
7	Mali Nikita N.	M.Sc.	Tuljaram Chaturchand College Baramati
8	Patil Dhanshri S.	M.Sc.	Tuljaram Chaturchand College Baramati

Placement and Progression = 88.89
Level = 3


HEAD

Department Of Mathematics
Art, Science & Commerce
Indraprastha College


Principal
Art, Science & Commerce
College Indraprastha College

Attainment Level of PO-PSO-CO T.Y.B.Sc. Mathematics (AY 2022-23)									
Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method	Attainment of CO	Average Attainment of PO	Average Attainment of PSO	Level Of Attainment
					II	I+II			
I	Mathematics	2.25	3	1.8	0.6	2.4	2.25	2.26	4

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HEAD

Department Of Mathematics
Science & Commerce
Indapur (Dist.)

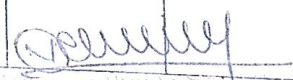
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Principal
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Coll., Indapur, Dist. Pune

Department Of Microbiology
Course Attainment for the Year 2022-23

Class – T.Y.B.Sc

Semester	Course Code	Course Name	Course No.	Course Attainment	Co attainment Level	Target Achievement	Justification
Sem V	MB.351	Medical Microbiology I	(CO1)	1	1	Barely achieved	Needs to improve concep knowledge of subject
	MB. 352	ImmunologyI	(CO2)	1	1	Barely achieved	Needs to improve concep knowledge of subject
	MB.353	Enzymology	(CO3)	1.125	2	Partially achieved	Needs to improve concep
	MB.354	Genetics	(CO4)	1.875	3	Satisfactorily achieved	
	MB.355	Fermentation Technology I	(CO5)	1.375	2	Partially achieved	Needs to improve concep
	MB.356	Agricultural Microbiology	(CO6)	1.375	2	Partially achieved	Needs to improve concep knowledge of subject
	MB 3510	Marine Microbiology	(CO7)	1.125	2	Partially achieved	Needs to improve concep
	MB 3511	Dairy Microbiology	(CO8)	1.0625	1	Barely achieved	Needs to improve concep knowledge of subject
Sem VI	MB.361	Medical Microbiology II	(CO9)	1.1875	2	Partially achieved	Needs to improve concep
	MB.362	Immunology II	(CO10)	1.1875	2	Partially achieved	Needs to improve concep knowledge of subject
	MB.363	Metabolism	(CO11)	1	1	Barely achieved	Needs to improve concep knowledge of subject
	MB.364	Molecular BiologyII	(CO12)	1	1	Barely achieved	Needs to improve concep
	MB. 365	Fermentation Technology II	(CO13)	1.875	3	Satisfactorily achieved	Needs to improve concep
	MB.366	Food Microbiology	(CO14)	1.75	3	Satisfactorily achieved	Extra classes conducted, & discussion , question bank solved by students


Head of Department
College, Indapur, Dist. Pune

	MB 3610	Waste Management	(CO15)	1	1	Barely achieved	Needs to improve conceptual knowledge of subject
	MB 3611	Nanobiotechnology	(CO16)	1.3125	2	Partially achieved	Needs to improve conceptual knowledge of subject
Practical	MB. 357	Practical Course I	(CO17)	1.3333	2	Partially achieved	Needs to improve conceptual knowledge of subject
	MB. 358	Practical Course II	(CO18)	1.4375	2	Partially achieved	Needs to improve conceptual knowledge of subject
	MB. 359	Practical Course III	(CO19)	1.375	2	Partially achieved	Needs to improve conceptual knowledge of subject
	MB. 367	Practical Course I	(CO20)	1.25	2	Partially achieved	Needs to improve conceptual knowledge of subject
	MB. 368	Practical Course II	(CO21)	1.125	2	Partially achieved	Needs to improve conceptual knowledge of subject
	MB. 369	Practical Course III	(CO22)	1.5	2	Partially achieved	Needs to improve conceptual knowledge of subject
			Total	27.5833			
			Average	1.2537			

Semester	Course Code	Course Name	Course No.	Course Attainment
Sem V	MB351	Medical Microbiology-I	(CO1)	1
	MB352	Immunology-I	(CO2)	1
	MB353	Enzymology	(CO3)	1.125
	MB354	Genetics	(CO4)	1.1875
	MB355	Fermentation Technology-I	(CO5)	1.375
	MB356	Agricultural Microbiology	(CO6)	1.375
	MB3510	Marine Microbiology	(CO7)	1.125
	MB3511	Dairy Microbiology	(CO8)	1.0625
SEM VI	MB361	Medical Microbiology II	(CO9)	1.1875
	MB362	Immunology II	(CO10)	1.1875
	MB363	Metabolism	(CO11)	1
	MB364	Molecular Biology	(CO12)	1
	MB365	Fermentation Technology II	(CO13)	1.875
	MB366	Food Microbiology	(CO14)	1.75
	MB3610	Waste management	(CO15)	1
	MB3611	Nano biotechnology	(CO16)	1.3125
Practical	MB357	Practical Course I	(CO17)	1.333333333
	MB358	Practical Course II	(CO18)	1.4375
	MB359	Practical Course III	(CO19)	1.375
	MB367	Practical Course I	(CO20)	1.25
	MB368	Practical Course II	(CO21)	1.125
	MB369	Practical Course III	(CO22)	1.5
Total				27.58333333
Ave				1.253787879

H.O.D. of
Microbiology Department

PRINCIPAL
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Indira's Arts, Science and Commerce College, Indapur, Dist. Pune

Department of Microbiology

Course Attainment (Direct Method) - Academic Year 2022-23

CO/PO Matrix	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	2	1	1	1	1	0	1	1	1	1	1	1	1	1
CO2	1	2	2	1	2	2	1	2	1	1	2	2	2	1	2
	1	2	2	3	2	1	3	3	2	1	2	3	2	2	3
CO4	1	2	1	1	1	1	2	0	1	2	0	1	3	2	1
CO5	1	2	1	1	2	2	1	2	0	3	2	1	2	2	0
CO6	2	2	1	1	2	1	0	1	0	0	2	2	1	1	2
CO7	3	2	2	0	1	3	1	2	3	1	3	0	2	2	2
CO8	3	3	3	2	3	2	1	2	1	2	2	2	3	3	3
CO9	2	1	1	2	1	1	2	2	1	1	3	0	0	3	3
CO10	1	2	1	2	1	2	1	1	1	2	2	2	2	2	1
CO11	2	1	0	2	2	1	2	2	1	3	0	3	3	2	2
CO12	1	1	1	1	3	3	3	1	0	1	3	3	2	1	3
CO13	1	2	1	1	0	0	0	2	1	0	2	2	1	0	0
CO14	1	3	2	3	1	1	1	1	2	2	2	2	3	2	3
CO15	1	2	1	2	2	2	1	2	3	3	1	1	1	3	1
CO16	0	1	0	1	3	1	2	2	0	2	1	0	1	1	2
CO17	2	2	1	2	2	1	2	2	2	1	1	2	1	2	1
CO18	3	2	1	2	2	2	1	1	1	0	1	1	3	3	2
CO19	2	1	2	3	1	1	0	1	2	1	2	3	2	1	2
CO20	1	1	3	1	2	0	1	1	3	2	3	2	1	2	0
CO21	1	2	1	1	3	2	2	3	1	3	1	2	2	3	2
CO22	1	1	1	2	2	1	1	3	2	2	2	1	0	1	2
Total PO	32	39	29	35	39	31	28	37	29	34	38	36	38	40	38
Total	1.2	1.27	1.25	1.3	1.21	1.19	1.19	1.25	1.254	1.21	1.27	1.25	1.24	1.217	1.2259
Average PO	1.23										1.24				

H.O.D. of
Microbiology Department

PRINCIPAL
ARTS, SCI. & COMMERCE COLLEGE
INDAPUR-413100 DIST-PUNE

Placement And Progression = 25%

Sl. No.	Name of the student	Degree	Institute
1	Vyawahare Divya Sunil	M. Sc.	A.S.C. college Of Indapur
2	Kambale Surekha Arjun	M. Sc.	A.S.C. college Of Indapur
3	Virakar Vasudev Laxman	M. Sc.	A.S.C. college Of Indapur
4	Tamboli Nafisa Hira	M. Sc.	A.S.C. college Of Indapur

Placement And Progression = 25%

Level = 2 (Moderate)


H.O.D. of
Microbiology Department


PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

Attainment Level of CO-PO-PSO (A.Y. 2022-23)

Sr. No.	Department	Average Attainment of course by direct method	Average attainment of course by Indirect Method	80% of Average attainment of Course by direct method (I)	20% of Average attainment of indirect method II	Attainment of CO I+II	Average Attainment of PO	Average Attainment of PSO	Attainment Level PO/PSO
1	Microbiology	1.253787879	2	1.003030303	0.4	1.403030303	1.23	1.23	Level 2


H.O.D. of

Microbiology Department

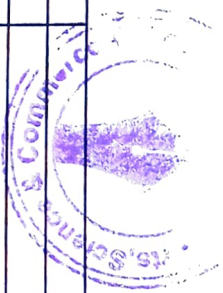

PRINCIPAL
ARTS, SCI & COMMERCE
HODARDE CHS
INDAPUR-413106 DIST-PUNJ

Department of Zoology (AY 2022-23)
Course Attainment (Direct Method)

B.Sc

Semester	Course Code	Course Name	Course No.	Course Attainment
V	35151	Pest Management	CO1	1.64
	35152	Histology	CO2	1.41
	35153	Biochemistry	CO3	0.94
	35154	Genetics	CO4	1.47
	35155	Developmental Biology	CO5	1.17
	35156	Parasitology	CO6	1.29
	35157	Pract paper I	CO7	2.47
	35158	Pract paper II	CO8	2.41
	35159	Pract paper III	CO9	2.94
	351510	Aquarium management	CO10	1.82
VI	351511	Poultry Management	CO11	1.94
	36151	Medical and Forensic Zoology	CO12	2.05
	36152	Animal Physiology	CO13	1.58
	36153	Molecular Biology	CO14	1.35
	36154	Entomology	CO15	1.41
	36155	Techniques in Biology	CO16	1.76
	36156	Evolutionary Biology	CO17	1.41
	36157	Pract paper I	CO18	2.64
	36158	Pract Paper II	CO19	2.64
	36159	Pract Paper III	CO20	2.35
Total	361510	Environmental Impact Assessment	CO21	1.94
	361511	Project	CO22	2.29
Total				40.92
Average				1.86


Dr. J. P. Sarwade
 Head
 M.Sc., Ph.D., FZSI
 Department of Zoology,
 Science & Commerce College,
 W. P. W. D. T. P. S. - 412103



Attainment Of CO -Indirrect Method B.Sc

Academic Year 2022-23		
Sr No.	Name of the Students	Institute
1	Ghogare Vaibhavi Rajendra	ASC College Indapur
2	Gurgude Prajakta Shriidhar	ASC College Indapur
3	Virkar Prajakta Sanjay	ASC College Indapur
4	Sayyad Kareena Kayyum	ASC College Indapur
5	Bhong Pragati Laxman	ASC College Indapur
6	Bhong Nikita Dnyandeo	ASC College Indapur

Placement and Progression =	35.29411765
Attainment level	2



Dr. J. P. Sarwade

M.Sc., Ph.D., FZSI

Head

Department of Zoology,
Science & Commerce College,
Indapur, Dist. Pune - 413106



PRINCIPAL
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDAPUR-413106 DIST-PUNE

CO-PO-PSO Matrix 2022-23

CO-PO-PSO Matrix 2022-23															
		Department of Zoology													
		B.Sc													
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	1	2	1	1	1	1	1	1	1	1	1	1	1
CO2	1	2	2	2	2	2	2	2	2	2	0	2	2	2	2
CO3	0	2	2	3	1	0	3	3	3	3	3	3	3	3	3
CO4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1
CO7	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2
CO8	0	2	2	3	3	3	3	3	3	3	3	3	3	3	3
CO9	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO10	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1
CO11	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO12	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1
CO13	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CO14	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO15	2	2	2	2	0	2	2	2	2	2	2	2	2	2	0
CO16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CO17	2	2	2	2	2	0	2	2	2	2	2	2	2	2	2
CO18	3	3	3	3	1	3	2	3	2	3	2	2	3	2	1
CO19	0	0	2	2	2	3	2	3	2	3	2	3	2	3	2
CO20	3	3	1	2	2	1	3	2	3	1	3	3	1	3	1
CO21	0	2	3	0	0	0	1	2	1	2	0	3	2	1	2
CO22	3	3	0	2	1	1	3	2	3	0	3	3	2	3	1
Attainment average	1.910571	1.88359	1.8525	1.932121	1.954194	1.884524	1.883095	1.902093	1.850256	1.90119	1.898462	1.902955	1.87	1.902093	1.843056


Dr. J. P. Sarwade
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PRINCIPAL AND
ARTS, SCIENCE AND
COMMERCE COLLEGE
INDANUR, DIST-PUNE

Attainment Level CO -PO
Department of Zoology AY 2022-23

B. Sc Zoology

Sr No	Department	Average Attainment of course by direct method	Average Attainment of course by indirect method	80% Average Attainment of course by direct method (I)	20% Average Attainment of course by indirect method (II)	Attainment of CO I+II	Average attainment of PO	Average attainment of PSO	Attainment level PO/PSO
1.	Zoology	1.86	2	1.48	0.40	1.68	1.89	1.88	3


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PRINCIPAL
 ARTS, SCIENCE AND
 COMMERCE COLLEGE
 INDAPUR-413106, DIST-PUNE

ITSM'S
Department of BBA(CA) A.Y. 2022-23
Course Attainment(Direct Method)

Course Code	Subject Name	Course No.	Course Attainment	CO Attainment Level	Target Achievement	Justification
CA-501	Cyber Security	CO1	1.50	2	Partially achieved CO/PO/PSO	Needs Improve Concept and depth of subject
CA-502	OOSE	CO2	1.46	2	Partially achieved CO/PO/PSO	
CA-503	Core Java	CO3	1.15	2	Partially achieved CO/PO/PSO	
CA-504	Python	CO4	1.29	2	Partially achieved CO/PO/PSO	
CA-505	Project	CO5	2.29	4	Significantly achieved CO/PO/PSO	Extra Practical Conducted , presentations are taken by student
CA-506	Computer Laboratory Based on 503 and 504	CO6	1.36	2	Partially achieved CO/PO/PSO	
CA-507	Add on Course-IOT(30 Hours)	CO7	2.21	4	Significantly achieved CO/PO/PSO	
CA-601	Recent Trends in IT	CO8	1.85	3	Satisfactorily achieved CO/PO/PSO	
CA-602	Software Testing	CO9	2.21	4	Significantly achieved CO/PO/PSO	
CA-603	Advanced Java	CO10	2.00	3	Satisfactorily achieved CO/PO/PSO	
CA-604	Dot Net framework	CO11	1.69	3	Satisfactorily achieved CO/PO/PSO	
CA-605	Project	CO12	2.57	4	Significantly achieved CO/PO/PSO	
CA-606	Computer Laboratory Based on 603 and 604	CO13	2.36	4	Significantly achieved CO/PO/PSO	
CA-607	Add on Course-Soft Skills Training	CO14	2.93	5	Completely achieved CO/PO/PSO	Extra classes conducted ,presentations, group discussion,seminar are taken by student

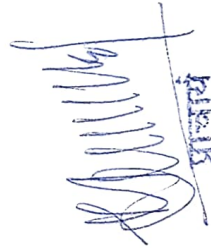
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ARTS, SCIENCE AND
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INDAPUR-413106 DIST-PUNE

ITSM'S
Department of BBA(CA) A.Y. 2022-23
Course Attainment(Direct Method)

	Code	Subject Name	Course No.	Course Attainment
Semester V	CA-501	Cyber Security	CO1	1.50
	CA-502	OOSE	CO2	1.46
	CA-503	Core Java	CO3	1.15
	CA-504	Python	CO4	1.29
	CA-505	Project	CO5	2.29
	CA-506	Computer Laboratory Based on 503 and 504	CO6	1.36
	CA-507	Add on Course-IOT(30 Hours)	CO7	2.21
Semester VI	CA-601	Recent Trends in IT	CO8	1.85
	CA-602	Software Testing	CO9	2.21
	CA-603	Advanced Java	CO10	2.00
	CA-604	Dot Net framework	CO11	1.69
	CA-605	Project	CO12	2.57
	CA-606	Computer Laboratory Based on 603 and 604	CO13	2.36
	CA-607	Add on Course-Soft Skills Training	CO14	2.93
Total				26.87
Average				1.92


प्राचार्य
 कला, विज्ञान आणि वाणिज्य
 महाविद्यालय, इंदापूर, जि. पुणे

Science and Commerce College Indapur
Academic Year: 2022-23
Department of BBA(CA)
Attainment of CO(Indirect Method)

Sr.No	Name of the student	Degree	Name of College/Institute
1	Gadekar Sandip Vasant	M.C.A	Pune Cambridge Institute of Management & Computer Applications.
2	Gaikwad Mangesh Vishnu	M.C.A	Dr. D.Y. Patil Technical Campus, Talegoan, Pune
3	Gaikwad Rohan	M.C.A	Dr. D.Y. Patil Institute of Management & Interpretior
4	Raut Payal	M.C.A	Dr. D.Y. Patil Technical Campus, Talegoan, Pune
5	Devkar Akshay Shivaji(Job)	JOB	Banking

Placement & Progression = 35.71

Level = 2 (Moderate)

Attainment Level of CO-PO-PSO(A.Y.2022-23)

Sr.No.	Department	Average Attainment of course by direct method	80% of Average Attainment of course by direct method(I)	20% of Average Attainment of course by indirect method(II)	Average Attainment of PO	Average Attainment of PSO	Attainment Level of PO/PSO
1	BBA(CA)	1.92	2	1.53	0.4	1.86	Level 3


कला, विज्ञान आणि वाणिज्य
महविद्यालय, इंदोपूर, जि.पुणे

CO PO/PSO Mapping(Direct Method)

CO-PO Matrix Avg.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	0	2	3	0	2	0	2	1	3	0	3	0	0	3
CO2	0	1	2	1	3	3	3	2	0	1	2	2	1	3	2
CO3	3	3	3	3	2	3	2	3	3	2	3	3	3	2	3
CO4	3	3	3	3	2	3	2	0	3	2	3	3	3	1	3
CO5	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3
CO6	3	3	3	3	2	3	3	2	3	2	3	3	3	3	1
CO7	3	0	0	1	1	2	1	0	3	2	3	3	2	3	1
CO8	2	0	0	1	2	1	3	1	2	1	2	2	1	2	2
CO9	2	1	0	2	1	1	2	1	2	1	2	3	2	1	1
CO10	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3
CO11	3	3	3	3	2	3	3	2	3	3	3	3	3	3	3
CO12	0	3	3	3	1	2	3	1	3	2	3	3	3	3	3
CO13	2	3	3	3	2	1	2	2	2	1	3	3	1	3	2
CO14	1	0	1	0	3	0	1	0	2	0	3	0	0	0	2
PO/PSO Attainment	1.81	1.84	1.82	1.83	1.93	1.76	1.89	1.80	1.93	2.00	1.96	1.85	1.84	1.90	1.88
Total PO	18.62	Total PSO									9.43				
Avg.	1.86	Avg									1.89				

PO/PSO Direct Attainment=

$$\frac{\Sigma(\text{overall CO Attainment-PO/PSO Level})}{\Sigma(\text{Level of mapping PO/PSO})}$$

[Signature]
 कला, विज्ञान, प्रौद्योगिकी
 महाविद्यालय, अरुणिका, जिला, गुजरात
 महाविद्यालय, अरुणिका, जिला, गुजरात