

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Tal: -Palus, District: - Sangli- 416 308

Re-accredited (3rd Cycle) with 'A' Grade (CGPA 3.02) by NAAC

Affiliated to Shivaji University, Kolhapur.

Attainment of Co's and PO's
2020-21

Index

Sr.No	Department
1	Chemistry
2	Physics
3	Zoology
4	Botany
5	Mathematics
6	Statistics
7	Geography
8	BCA
9	Economics
10	Commerce
11	Political Science
12	History
13	English
14	Hindi
15	Marathi

Rayat Shikshan Sanstha's
Dr.Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)
 Department of Chemistry
Course Articulation Matrix (CO's-PO's)
B. Sc. I(Semester I& II)

DSC-3A- Chemistry paper I (Inorganic Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	H									
CO2		L								
CO3				H						
CO4								L		H
CO5	H									
CO6									L	

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-3A- Chemistry paper I (Inorganic Chemistry)	H	L	-	H	-	-	-	L	L	H

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-3A- Chemistry paper I (Inorganic Chemistry)	85.58	42.79	-	85.58	-	-	-	42.79	42.79	85.58

DSC-4A- Chemistry paper II (Organic Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO7	H									
CO8			H					L		
CO9								H		H
CO10	H									
CO11	H									
CO12			H		L					

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-4A- Chemistry paper II (Organic Chemistry)	H	-	H	-	L	-	-	H	-	H

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-4A- Chemistry paper II (Organic Chemistry)	74.51	-	74.51	-	37.25	-	-	74.51	-	74.51

DSC-3B-Chemistry Paper III (Physical Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO19	H					H				H
CO20	L	H		L					H	
CO21	H		L		H	L	H			
CO22	H								L	
CO23		L	H							
CO24	H					H	L			L
CO25			H		H	H	L	H		L

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-3B- Chemistry Paper III (Physical Chemistry)	H	H	H	L	H	H	L	H	H	L
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-3B- Chemistry Paper III (Physical Chemistry)	91.25	91.25	91.25	45.62	91.25	91.25	45.62	91.25	91.25	45.62

DSC 4B: Chemistry Paper-IV (Analytical Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO13			H			H				
CO14	H						L			
CO15							H			
CO16	L								H	
CO17				H						
CO18				H	L					L

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC 4B: Chemistry Paper-IV (Analytical Chemistry)	H	-	H	H	L	H	H	-	H	L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC 4B: Chemistry Paper-IV (Analytical Chemistry)	83.59	-	83.59	83.59	41.79	83.59	83.59	-	83.59	41.79

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Course Articulation Matrix (CO's-PO's)
B. Sc. II(Semester I& II)
DSC- C3 - Chemistry paper no. V (Physical Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO26	H									
CO27				L					H	
CO28	H		L							
CO29	H									
CO30			L							
CO31	H									L

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC- C3 - Chemistry paper no. V (Physical Chemistry)	H	-	L	L	-	-	-	-	H	L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC- C3 - Chemistry paper no. V (Physical Chemistry)	89.45	-		44.72	-	-	-	-	89.45	44.72

DSC-C4- Chemistry paper no. VI (Industrial Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO32	H									
CO33				L						
CO34	H									
CO35										L
CO36	H									
CO37				H						

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-C4- Chemistry paper no. VI (Industrial Chemistry)	H	-	-	H	-	-	-	-	-	L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-C4- Chemistry paper no- VI (Industrial Chemistry)	92.25	-	-	92.25	-	-	-	-	-	46.12

DSC-D3- Chemistry paper no. VII (Inorganic Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO38	H									
CO39	L									
CO40								H		
CO41			L							
CO42										H
CO43										H
CO44				L						

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-D3- Chemistry paper no. VII (Inorganic Chemistry)	H	-	L	L	-	-	-	H	-	H

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC-D3- Chemistry paper no. VII (Inorganic Chemistry)	89.46	-	44.73		-	-	-	89.46	-	89.46

DSC- D4 - Chemistry paper no. VIII (Organic Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO45			H						H	
CO46			L					H		
CO47									L	
CO48	L									
CO49								H		
CO50								H		

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC- D4 - Chemistry paper no. VIII (Organic Chemistry)	L	-	H	-	-	-	-	H	L	-

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
DSC- D4 - Chemistry paper no. VIII (Organic Chemistry)	90.40	-	90.40	-	-	-	-	90.40	45.20	-

Paper IX Inorganic Chemistry

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO57	H									
CO58										H
CO59			L							
CO60								H		
CO61					L					
CO62										H

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper IX Inorganic Chemistry	H	-	L	-	L	-	-	H	-	H

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper IX Inorganic Chemistry	89.04	-	44.52	-	44.52	-	-	89.04	-	89.04

Paper XII Analytical Chemistry

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO69										H
CO70				L						
CO71	H									
CO72										L
CO73	H									L
CO74	H									
CO75		L								

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper XII Analytical Chemistry	H	L	=	L	=	=	=	=	=	L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper XII Analytical Chemistry	83.24	L	=	41.62	=	=	=	=	=	41.62

Paper XIII Inorganic Chemistry

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO76			L							
CO77	H									
CO78			L							
CO79										L
CO80										L
CO81				H						

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper XIII Inorganic Chemistry	H	-	L	H	-	-	-	-	-	L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper XIII Inorganic Chemistry	95.16	-	47.58	95.16	-	-	-	-	-	47.58

Paper XIV Organic Chemistry

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO82	L							H		
CO83	H									
CO84					H					
CO85			L							
CO86									H	
CO87	H									
CO88				L						
CO89				L						

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper XIV Organic Chemistry	H	-	L	L	H	-	-	H	H	-

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper XIV Organic Chemistry	90.37	-	45.18	45.18	90.37	-	-	90.37	90.37	-

Chemistry Paper No. XV (Physical Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO90	H			L		L			L	
CO91		H				L	L			
CO92			L	H		L	H	L		H
CO93	L			L			L			L
CO94	H	H					L		H	
CO95			H		H	L		H		L

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Chemistry Paper No. XV (Physical Chemistry)	H	H	H	L	H	L	L	H	H	L

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Chemistry Paper No. XV (Physical Chemistry)	77.16	77.16	77.16	38.58	77.16	38.58	38.58	77.16	77.16	38.58

Paper No. XVI (Industrial Chemistry)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO96						E				
CO97				H						
CO98				L						
CO99	H									
CO100					H					
CO101							H			

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper No. XVI (Industrial Chemistry)	H	-	-	H	H	-	H	-	-	-

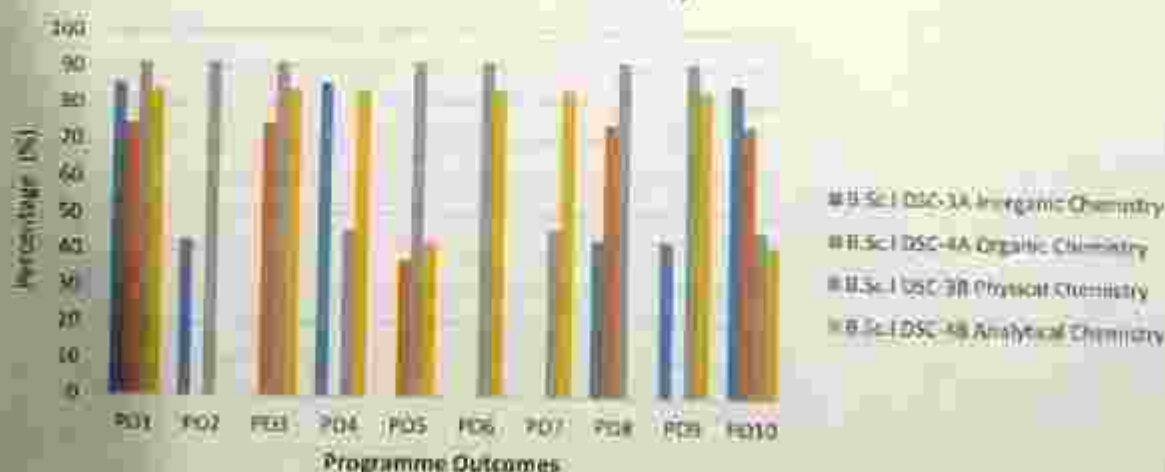
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Paper No. XVI (Industrial Chemistry)	82.25	-	-	82.25	82.25	-	82.25	-	-	-

Rajat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burl)
 Department of Chemistry
Programme Articulation Matrix 2020-21
B.Sc.I Chemistry

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Sc.I	DSC-3A	Inorganic Chemistry	H	L	-	H	-	-	-	L	L	H
B.Sc.I	DSC-4A	Organic Chemistry	H	-	H	-	L	-	-	H	-	H
B.Sc.I	DSC-3B	Physical Chemistry	H	H	H	L	H	H	L	H	H	L
B.Sc.I	DSC-4B	Analytical Chemistry	H	-	H	H	L	H	H	-	H	L

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Sc.I	DSC-3A	Inorganic Chemistry	85.58	42.79	-	85.58	-	-	-	42.79	42.79	85.58
B.Sc.I	DSC-4A	Organic Chemistry	74.51	-	74.51	-	37.25	-	-	74.51	-	74.51
B.Sc.I	DSC-3B	Physical Chemistry	91.25	91.25	91.25	45.62	91.25	91.25	45.62	91.25	91.25	45.62
B.Sc.I	DSC-4B	Analytical Chemistry	83.59	-	83.59	83.59	41.79	83.59	83.59	-	83.59	41.79

Programme Articulation Matrix 2020-21
B.Sc.I Chemistry



(Signature)
 Head of Dept.
 Department of Chemistry
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 Ramanandnagar (Burl)



(Signature)
 Principal,
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Burl)
 Tal. Palus, Dist. Sangli

Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burlii)

Department of Chemistry

Programme Articulation Matrix 2020-21

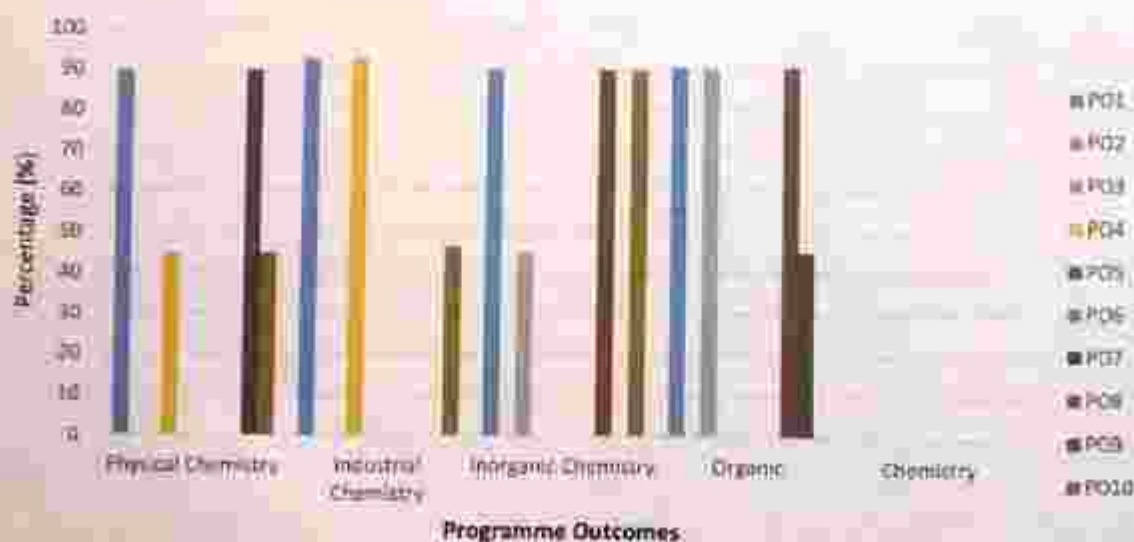
B.Sc.II Chemistry


Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Sc.II	DSC-C1	Physical Chemistry	H	-	L	L	-	-	-	-	H	L
B.Sc.II	DSC-C4	Industrial Chemistry	H	-	-	H	-	-	-	-	-	L
B.Sc.II	DSC-D3	Inorganic Chemistry	H	-	L	L	-	-	-	H	-	H
B.Sc.II	DSC-D4	Organic Chemistry	L	-	H	-	-	-	-	H	L	-

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Sc.II	DSC-C1	Physical Chemistry	89.45	-	-	44.72	-	-	-	-	89.45	44.72
B.Sc.II	DSC-C4	Industrial Chemistry	92.25	-	-	92.25	-	-	-	-	-	46.12
B.Sc.II	DSC-D3	Inorganic Chemistry	89.46	-	44.73	-	-	-	-	89.46	-	89.46
B.Sc.II	DSC-D4	Organic Chemistry	90.40	-	90.40	-	-	-	-	90.40	45.20	-

Programme Articulation Matrix 2020-21

B.Sc.II Chemistry




 Head of Dept.
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Department of Chemistry

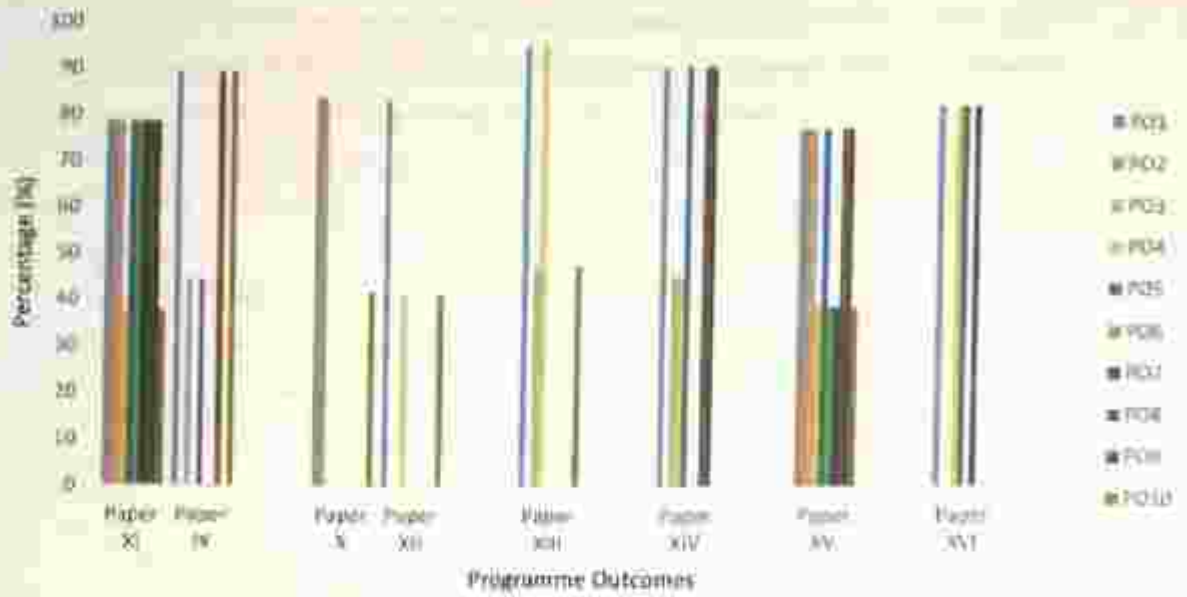
Programme Articulation Matrix 2020-21

B.Sc.III Chemistry

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Sc.III	Paper XI	Physical Chemistry	H	H	H	L	H	H	H	H	H	L
B.Sc.III	Paper IX	Inorganic Chemistry	H	-	L	-	L	-	-	H	-	H
B.Sc.III	Paper X	Organic Chemistry	H	H	-	-	-	-	-	-	-	L
B.Sc.III	Paper XII	Analytical Chemistry	H	L	-	L	-	-	-	-	-	L
B.Sc.III	Paper XIII	Inorganic Chemistry	H	-	L	H	-	-	-	-	-	L
B.Sc.III	Paper XIV	Organic Chemistry	H	-	L	L	H	-	-	H	H	-
B.Sc.III	Paper XV	Physical Chemistry	H	H	H	L	H	L	L	H	H	L
B.Sc.III	Paper XVI	Industrial Chemistry	H	-	-	H	H	-	H	-	-	-

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Sc.III	Paper XI	Physical Chemistry	78.60	78.60	78.60	37.80	78.60	78.60	78.60	78.60	78.60	37.80
B.Sc.III	Paper IX	Inorganic Chemistry	89.04	-	44.52	-	44.52	-	-	89.04	-	89.04
B.Sc.III	Paper X	Organic Chemistry	83.68	83.68	-	-	-	-	-	-	-	41.84
B.Sc.III	Paper XII	Analytical Chemistry	83.24	L	-	41.62	-	-	-	-	-	41.62
B.Sc.III	Paper XIII	Inorganic Chemistry	95.16	-	47.58	95.16	-	-	-	-	-	47.58
B.Sc.III	Paper XIV	Organic Chemistry	90.37	-	45.18	45.18	90.37	-	-	90.37	90.37	-
B.Sc.III	Paper XV	Physical Chemistry	77.16	77.16	77.16	38.58	77.16	38.58	38.58	77.16	77.16	38.58
B.Sc.III	Paper XVI	Industrial Chemistry	82.25	-	-	82.25	82.25	-	82.25	-	-	-

Programme Articulation Matrix 2020-21
B.Sc.III Chemistry



[Signature]
 Head of Dept.
 Department of Chemistry
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Burl)



[Signature]
 Principal,
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Burl)
 Tal. Palus, Dist. Sangli.

Karya Mahasiswa Semester
Dr. Patangran Kadam Mahavithyalaya Ramamandagar (Barli)
 Mid Term Examination - 2023-24
Outcome Based Marks Sheet
 Department of Physics

Class : B.Sc. 1
 Subject : Mechanics - II
 Date : 09/03/2024

Semester : I
 Paper : II
 Total Marks : 20

Sr. No.	Roll No.	Sex	Name of the Student	Q.1 - Choose and write correct alternatives										Q.2 - Answer the following question (Any two)			Total Marks
				1 (CO1)	2 (CO1)	3 (CO1)	4 (CO1)	5 (CO1)	6 (CO1)	7 (CO2)	8 (CO1)	9 (CO1)	10 (CO1)	11 (CO2)	12 (CO1)	13 (CO1)	
1	3321	F	Ashish Anshu Saitoh	1	3	1	0	1	4	1	1	1	0	0	0	0	12
2	3352	M	Ashish Anshu Madhukar	1	3	1	1	1	1	1	1	0	1	0	0	0	9
3	3353	F	Ashish Anshu Vinayak	1	3	1	1	1	0	1	1	0	1	1	0	0	12
4	3354	F	Chaitan Anandharajya Srinivas	1	0	1	1	1	0	1	1	0	0	0	0	0	13
5	3355	F	Chaitan Anshu Suresh	1	0	0	1	0	0	1	1	0	0	0	0	0	5
6	3356	F	Chaitan Anshu Balasa	1	1	1	1	1	1	1	1	1	1	0	0	0	10
7	3357	F	Harish Sathish Rajeev	1	1	0	1	1	0	1	1	0	1	4	0	0	10
8	3358	M	Jadhav Anshu Suresh	0	1	1	1	1	0	1	1	1	1	0	0	0	9
9	3359	F	Jadhav Nitin Suresh	1	1	1	1	1	1	1	1	0	0	0	0	0	9
10	3360	M	Jadhav Pravin Prithvi	1	1	1	1	1	1	1	1	0	1	0	0	0	9
11	3361	F	Jadhav Pratiksha Chaitanraj	1	1	1	1	1	1	0	1	1	1	0	0	0	13
12	3362	M	Jadhav Shreshth Rajendra	1	1	0	1	1	0	0	0	0	0	0	0	0	4
13	3363	F	Jadhav Varunraj Vasant	1	1	1	1	1	0	1	1	0	1	0	0	0	12
14	3364	M	Kaushik Suresh Rajendra	1	1	1	1	1	0	1	1	1	1	0	0	0	9
15	3365	F	Madhu Madhu Umesh	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	3366	F	Mamta Varunraj Pravin	1	1	1	1	1	0	1	1	0	1	0	0	0	8
17	3367	M	Madhu Chaitanraj Suresh	1	1	1	1	1	0	1	1	1	0	1	0	0	11
18	3368	F	Mohini Sathish Mahesh	1	1	1	1	1	1	1	1	1	1	0	0	0	10
19	3369	M	Nishat Suresh Anand	1	1	1	1	1	1	1	1	1	0	0	0	0	9
20	3370	F	Nidharade Sathish Vinay	1	1	1	1	1	1	1	1	1	0	0	0	0	12
21	3371	F	Niranjana Sathish Suresh	1	1	1	1	1	0	1	1	1	0	0	0	0	12
22	3372	M	Nishant Sathish Rajendra	1	1	1	1	1	1	1	1	1	0	0	0	0	6
23	3373	F	Pallavi Suresh Anand	1	1	1	1	1	1	1	1	1	1	0	0	0	10

24	1574	M	Pati Abineta Anu	0	1	1	1	1	0	1	0	1	0	0	0	0	0
25	1575	F	Pati Adhara Hincantara	0	1	1	1	1	0	1	0	0	1	0	0	0	0
26	1576	F	Pati Kani Dahan	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27	1577	F	Pati Nini Arimahi	1	1	1	1	0	1	1	1	1	1	1	1	1	1
28	1578	F	Pati Nini Malak	1	1	0	1	0	1	1	1	1	1	1	1	1	1
29	1579	M	Pati Sunu Hincantara	1	1	0	1	0	1	1	0	1	1	1	0	1	1
30	1580	F	Pati Ufana Inang	1	1	0	1	0	1	1	1	1	1	0	0	1	0
31	1581	F	Pati Vanda Kandi	1	1	1	1	1	1	1	1	1	1	0	0	0	10
32	1582	F	Pawar Prandi Balam	1	1	0	1	0	1	1	1	1	1	0	0	0	0
33	1583	M	Pawar Pindandi Sana	1	1	0	1	0	1	1	1	1	1	0	0	0	0
34	1584	F	Pawar Vanda Vanda	1	1	0	1	0	1	1	1	1	1	0	0	0	0
35	1585	F	Pawar Pindandi Kandi	1	1	1	0	0	1	1	1	1	1	0	1	1	11
36	1586	M	Pindandi Vanda Sana	1	0	1	1	1	0	1	1	1	1	0	0	0	0
37	1587	M	Pindandi Vanda Anu	1	0	1	1	1	0	0	1	1	1	0	0	0	7
38	1588	F	Pindandi Kandi Balam	1	1	0	1	0	0	0	1	1	1	1	0	0	7
39	1589	M	Pindandi Balam Sana	1	1	0	1	0	0	0	1	1	1	0	0	0	6
40	1590	M	Pindandi Vanda	1	1	0	1	0	0	0	1	1	1	0	0	0	6
41	1591	M	Pindandi Vanda Balam	1	1	0	1	0	0	0	1	1	1	0	0	0	6
42	1592	M	Pindandi Balam Sana	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
43	1593	F	Pindandi Sana Sana	1	1	1	1	1	1	1	1	1	1	0	0	0	10
44	1594	M	Pindandi Balam Sana	1	1	1	1	1	0	1	1	1	1	0	0	0	0
45	1595	M	Pindandi Vanda Sana	1	0	0	0	0	0	0	0	0	0	0	0	0	2
46	1596	M	Pindandi Sana Sana	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
47	1597	M	Pindandi Vanda Sana	0	1	1	1	1	0	1	1	1	1	0	0	0	7
48	1598	M	Pindandi Vanda Sana	0	1	1	1	1	0	1	1	1	1	0	0	0	8
49	1599	M	Pindandi Sana Sana	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
50	1600	M	Pindandi Sana Sana	1	1	0	1	0	0	0	1	1	1	0	0	0	6
51	1601	M	Pindandi Sana Sana	1	1	0	1	0	1	1	1	1	1	0	0	0	11
52	1602	M	Pindandi Sana Sana	1	1	0	1	0	1	1	1	1	1	0	0	0	10
53	1603	M	Pindandi Sana Sana	1	1	0	1	0	1	1	1	1	1	0	0	0	11
54	1604	M	Pindandi Sana Sana	1	1	0	1	0	1	1	1	1	1	0	0	0	11
55	1605	F	Pindandi Sana Sana	1	1	1	1	1	1	1	1	1	1	0	0	0	11
56	1606	F	Pindandi Sana Sana	1	1	1	1	1	1	1	1	1	1	0	0	0	11
57	1607	M	Pindandi Sana Sana	1	1	0	1	0	1	1	1	1	1	0	0	0	11
58	1608	F	Pindandi Sana Sana	0	1	1	1	0	0	0	1	1	1	0	0	0	8
59	1609	M	Pindandi Sana Sana	1	1	0	1	0	0	1	1	1	1	0	0	0	10

Sl. No.	CO	Sl. No.	Learning Outcome	1	2	3	4	5	6	7	8	9	10	11	12	13	14
01	1st CO	51	Solarium Role/ Labior	1	1	0	1	0	0	1	1	1	1	1	0	0	0
02	1st CO	51	Standard English Grammar	1	1	0	1	0	0	1	1	1	1	1	0	0	0
03	1st CO	51	Vitruvius On the Architecture	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of students per CO (out of 56 students present)				33	53	35	54	33	39	42	30	42	46	22	2	5	
Percentage (%) (out of 100)				91.071	91.071	62.5	94.643	58.929	61.796	75	83.206	75	82.1429	39.286	5.357	8.9286	

CO	10	11	12	13	14	15	16	17	18	19	20
%	71.83	88.25	50	86.47	70.57	8.92	2	2	2	2	2


 Department Head
 Arts, Science & Commerce College
 Ramonathilagam (Duddi)




 Head of Department
 Dr. Patangrao Mahesh Chavan Mahavidyalaya,
 Ramonathilagam (Duddi)
 Tal. Parus, Dist. Sangli

Bijli Shiksha Sanstha
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burl)
 Mid term Examination – 2020-21
Outcome Based Marks Sheet
 Department of Physics

Class : B.Sc. I
 Subject : Mechanics - I
 Date : 08/03/2021

Semester : I
 Paper : I
 Total Marks : 20

Sr. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternatives										Q.2. Answer the following questions (Any two)			Total Marks	
				1 (CO1)	2 (CO2)	3 (CO3)	4 (CO5)	5 (CO6)	6 (CO7)	7 (CO8)	8 (CO8)	9 (CO1)	10 (CO4)	A (CO1)	B (CO1)	C (CO2)		
1	1551	F	Ajash Anur Satish	1	0	0	1	1	1	1	0	1	0	2.5			9	
2	1552	M	Arunabh Manjunath	0	1	0	0	1	1	1	0	1	0				8	
3	1553	F	Arjun Kumar Venkatesh	0	1	1	1	0	1	1	1	1	1	3.5	4.5		18	
4	1554	F	Chaitan Adhikary Shrikant	1	1	1	1	1	1	1	1	1	1	4.5	4.5		19	
5	1555	F	Charan Anand Suresh	0	1	1	0	1	0	0	0	1	0			2	6	
6	1556	F	Charan Gayatri Darshini	1	1	1	1	1	1	1	0	1	1	1	3		18	
7	1557	F	Hemant Sakshi Sanyal	0	1	0	1	1	1	1	0	0	1	2.5			9	
8	1558	M	Jadhav Abhishek Ramesh	0	1	0	1	0	1	1	0	0	1	0	0		6	
9	1559	F	Jadhav Neha Suresh	0	1	0	0	0	1	1	1	1	2	2			8	
10	1560	M	Jadhav Parag Eshwar	0	0	0	0	0	0	1	1	0	1	2			4	
11	1561	F	Jadhav Prachi Chandrashekhar	0	0	0	0	0	0	1	0	1	1	0			4	
12	1562	M	Jadhav Siddharth Rajendra	0	0	0	0	0	1	1	0	0	1				3	
13	1563	F	Jadhav Yashwanth Vinayak	1	1	0	0	0	1	1	0	0	1	3.5			8	
14	1564	M	Kam Sangam Jagannath	0	1	0	1	0	0	1	1	0	1	2.5			8	
15	1565	F	Mahesh Mayuri Chaitany	08	08	08	08	08	08	08	08	08	08	08	08	08	08	08
16	1566	F	Mamta Vishwanath Pooja	0	1	1	1	0	1	1	0	0	1	1.5			8	
17	1567	M	Manish Shubham Jagannath	0	0	0	1	0	1	1	0	1	1	2			8	
18	1568	F	Mohan Sachin Mahesh	0	0	0	0	0	1	1	0	1	1	1			8	
19	1569	M	Nadaf Sufyan Arjun	0	0	0	0	0	0	1	1	0	1				3	
20	1570	F	Nalanda Sanika Vijay	1	0	0	1	0	1	1	0	1	1	1		1	10	
21	1571	F	Neelkantar Nishant Sarjans	1	0	0	1	0	1	1	0	1	1	2		2	9	
22	1572	M	Niranjan Tarun Rajendra	0	0	0	1	0	0	1	0	1	1	1.5			8	
23	1573	F	Palani Sana Anand	1	0	0	1	0	1	0	0	1	1	1.5			8	
24	1574	M	Patil Akshay Anil	0	0	0	1	0	1	1	0	1	1	0			8	

25	1373	F	Pani/ Ardhra Himmatan	3	0	0	1	0	3	1	0	1	1	0.5			8
26	1374	F	Pani Kajar Dattin	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
27	1375	F	Pani Nikita Sreesh	1	1	1	1	0	1	1	0	0	0	1	1		14
28	1376	F	Pani Nidhi Mahadev	1	0	1	1	0	1	1	0	0	0	0	0	2	10
29	1378	M	Pani Samir Bhattacharya	1	1	1	1	0	1	1	0	0	0	0			8
30	1380	F	Pani Udaya Chav	1	1	1	1	0	1	1	0	1	1	0			8
31	1381	F	Pani Varsha Ramesh	0	1	1	1	0	1	1	0	1	1	1			8
32	1382	F	Panav Poojith Shivan	1	1	1	1	0	1	1	0	1	1	1			12
33	1383	M	Panav Pradipthi Sanyal	1	1	0	0	0	1	1	0	1	1	1			8
34	1384	F	Panav Vaidhavi Yaman	1	1	0	0	0	1	1	0	1	0	0			5
35	1385	F	Panavi Pratiksha Kumbhar	1	1	1	1	0	1	1	0	1	0	4.5			12
36	1386	M	Panikam Vaidhavi Sanyal	1	1	0	1	1	1	0	1	1	1	1			9
37	1387	M	Panikam Ajuliyah Aidi	1	1	0	0	0	1	0	1	0	1	1	1.5		18
38	1388	F	Panikam Komal Ramesh	1	0	0	1	0	0	1	0	2	1	1.5			8
39	1389	M	Panikam Rishi Ramesh	1	0	0	1	0	1	1	1	1	1	1			8
40	1390	M	Panikam Yash Chav	1	1	0	1	1	1	1	0	1	1	0			8
41	1391	M	Panikam Anur Dattin	1	1	0	1	0	1	1	1	1	1	0			7
42	1392	M	Panikam Rishi Sanyal	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
43	1393	F	Panikam Sanyal Rishi	1	1	0	1	1	1	1	0	1	1	1			12
44	1394	M	Panikam Ishant Hanuman	1	1	0	1	1	0	1	0	1	1	0.5			8
45	1395	M	Panikam Vimal Sanyal	1	1	0	1	1	1	1	0	1	1	1			10
46	1396	M	Panikam Dhanraj Vimal	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
47	1397	M	Panikam Vaidhavi Sanyal	1	1	0	1	1	1	1	0	1	1	1.5			9
48	1398	M	Panikam Yash Sanyal	1	1	0	1	1	1	1	0	1	1	1.5			9
49	1399	M	Panikam Yash Mahadev	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
50	1400	M	Panikam Sanyal Rishi	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
51	1401	M	Panikam Sanyal Sanyal	1	1	0	1	1	1	1	0	1	1	2			10
52	1402	M	Panikam Akash Sanyal	1	1	0	1	1	1	1	0	1	1	2			10
53	1403	M	Panikam Gokul Sanyal	1	1	0	1	1	1	1	0	1	1	2			10
54	1404	M	Panikam Sanyal Sanyal	1	1	0	1	1	1	1	0	1	1	2			10
55	1405	F	Panikam Rishi Sanyal	1	1	0	1	1	1	1	0	1	1	3			15
56	1406	F	Panikam Rishi Sanyal	1	1	0	1	1	1	1	0	1	1	3			17
57	1407	M	Panikam Rishi Sanyal	1	1	0	1	1	1	1	0	1	1	3			8
58	1408	F	Panikam Rishi Sanyal	1	0	0	1	1	1	1	0	1	1	3.5			10
59	1409	M	Panikam Sanyal Sanyal	1	1	0	1	1	1	1	0	1	1	3			8
60	1410	M	Panikam Rishi Sanyal	1	1	0	1	1	1	1	0	1	1	3.5			8

Sl. No.	CO	M	Minimum Marks Required	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
62	1a	2	50	58	58	70	58	58	58	58	58	58	58	58	58	58	58	58	58
Number of students per CO (out of 55 students)				45	38	32	41	28	46	33	7	43	45	42	5	4			
Percentage (%) (out of 100)				81.81	69.09	58.18	74.54	50.9	80	59.98	12.72	78.18	81.81	76.36	9.09	7.27			

CO	1	2	3	4	5	6	7	8	9
% Avg	74.79	69.09	71.21	81.81	41.82	90.9	61.21	72.72	8


Head
 Department of Physics
 Arts, Science & Commerce College,
 Ramnagar, Chagalgaon (Muzil)




Dr. Patangrao Kadam
 Head of Department
 Mahavishyalyaya,
 Ramnagar, Chagalgaon (Muzil),
 Tal. Pimpri, Dist. Solapur

Rajya Shiksha Samithi
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burl)
 Mid term Examination - 2020-21
Outcome Based Marks Sheet
 Department of Physics

Class : 8.Sc.I
 Subject : Electricity and Magnetism - I
 Date : 22.07.2021

Semester : II
 Paper : III
 Total Marks : 50

Sr. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternative											
				1 (CO31)	2 (CO32)	3 (CO34)	4 (CO31)	5 (CO33)	6 (CO32)	7 (CO33)	8 (CO33)	9 (CO32)	10 (CO34)	11 (CO31)	12 (CO34)
Number of students per CO (out of 10 students present)				47	39	39	40	48	28	48	38	21	46	24	27
Percentage (%) (out of 100)				96.4	78.2	78.2	80.4	96	56.5	96.5	76.3	42.1	92.8	47.1	71.2

Sr. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternative												
				13 (CO34)	14 (CO31)	15 (CO32)	16 (CO31)	17 (CO32)	18 (CO31)	19 (CO31)	20 (CO31)	21 (CO31)	22 (CO31)	23 (CO31)	24 (CO31)	25 (CO32)
Number of students per CO (out of 10 students present)				24	23	44	11	29	38	18	40	23	30	11	32	29
Percentage (%) (out of 100)				65.4	60	84.8	30	53.8	74.5	75	76.9	65.8	50.6	22.4	62.7	53.8

CO	31	32	33	34	35	36	37
%	88.55	82.58	64.25	75.4	53.15	X	86.5

Head
 Head of Department
Head
 Department of Physics
 Arts, Science & Commerce College
 Ramanandnagar (Burl)



Principal
 Principal
Head
 Dr. Patangrao Kadam Mahavidyalaya
 Arts, Science & Commerce College
 Ramanandnagar (Burl)

Rajawade Sanshodhan Mandal
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burl)
 Mid-term Examinations : 2020-21
Outcome Based Marks Sheet
 Department of Physics

Class : B.Sc. I
 Subject : Electricity and Magnetism - II
 Date : 22/07/2021

Semester : II
 Paper : IV
 Total Marks : 50

Sr. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternatives											
				1 (CO3B)	2 (CO3B)	3 (CO3B)	4 (CO3B)	5 (CO3B)	6 (CO3B)	7 (CO3B)	8 (CO3B)	9 (CO3B)	10 (CO3B)	11 (CO3B)	12 (CO3B)
Number of students per CO (out of 18 students present)				10	46	40	48	41	17	46	29	47	25	16	12
Percentage (%) (out of 100)				33.9	82.1	71.4	80.4	74.2	30.4	82.1	51.8	83.9	26.8	28.6	21.4

Sr. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternatives												
				13 (CO41)	14 (CO3B)	15 (CO41)	16 (CO42)	17 (CO43)	18 (CO43)	19 (CO41)	20 (CO4B)	21 (CO4B)	22 (CO43)	23 (CO43)	24 (CO42)	25 (CO42)
Number of students per CO (out of 18 students present)				52	14	30	47	38	35	10	42	46	45	28	14	20
Percentage (%) (out of 100)				82.8	22	51.8	83.9	67.9	67.9	25	75	82.1	80.4	50	28.6	35.7

CO	38	38	40	41	42	43	44	45	46	47	48
%	46.95	54.16	80.33	56.56	96.56	66.55	X	X	X	X	X

Prabhat
 Head of Department
Head

Department of Physics
 Arts, Science & Commerce College,
 Ramanandnagar, Burl



Prabhat
 Principal

Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Burl)
 Tal. Patas, Dist. Sangli.

Kavya Bhavan Samithi
Dr. Patangrao Kadam Mahavidyalaya, Ramnandnagar (Burl)
 B.Sc I University result 2020-21
 Department of Physics

Sr. No.	Roll No.	Sex.	Name of the Student	Midterm Paper-I	Midterm Paper-II	Sem I (Paper I)	Sem I (Paper II)	Midterm Paper-III	Midterm Paper-IV	Sem II (Paper-III)	Sem II (Paper IV)	Practical	Grand Total
				30	30	30	30	50	50	50	50		
1	1551	F	Aruna Anil Sathu	8	22	44	41	42	41	46	42	40	324
2	1552	M	Arbore Akash Madhukar	5	9	28	21	20	18	30	34	40	208
3	1553	F	Arbore Rutuja Vamsukh	16	21	46	42	38	30	44	34	45	298
4	1554	F	Chavan Akharya Sneha	29	16	46	42	44	38	46	47	46	335
5	1555	F	Chavan Anil Suresh	5	5	37	41	30	16	41	46	18	245
6	1556	F	Chavan Ganesh Dadas	18	10	44	44	48	42	48	44	30	348
7	1557	F	Chavan Jyoti Suresh	9	16	46	42	28	22	46	47	50	297
8	1558	M	Jadhav Anantaji Balkrishna	5	5	38	24	22	22	38	46	50	238
9	1559	F	Jadhav Nitesh Suresh	8	9	44	42	24	32	48	32	46	273
10	1560	M	Jadhav Prateek Prakash	4	9	26	42	32	26	38	31	40	250
11	1561	F	Jadhav Pratiksha Chandrahar	4	14	42	40	30	18	42	38	44	272
12	1562	M	Jadhav Shreshth Rajendra	3	4	26	38	26	20	38	30	41	218
13	1563	F	Jadhav Valsaraj Vajasa	8	12	44	34	28	18	44	34	46	266
14	1564	M	Kate Suresh Anantaji	8	9	30	38	32	28	46	36	40	267
15	1565	F	Machare Manasa Chandraji	48	48	18	40	28	46	46	42	56	394
16	1566	F	Mate Vishwas Pravin	8	9	18	40	42	44	50	44	50	304
17	1567	M	Mhatre Shubham Anantaji	4	11	32	44	38	24	46	32	46	311
18	1568	F	Mohite Sakshi Mahadev	3	10	42	44	42	44	46	34	44	319
19	1569	M	Nadaf Sufyan Anwar	3	9	24	20	36	22	44	46	38	236
20	1570	F	Nairande Sanku Vasa	10	11	42	42	26	20	44	36	45	277
21	1571	F	Naradhar Seetha Suresh	9	12	28	38	20	30	44	44	50	285
22	1572	M	Narayan Yashraj Rajendra	3	8	30	40	30	28	40	42	48	262
23	1573	F	Patil Smita Anwar	3	10	44	44	44	24	46	44	47	309
24	1574	M	Patil Anandaji Anil	5	8	32	38	32	30	40	38	40	265

25	1575	F	Pati Adheno Himmatus	8	6	48	43	34	36	44	38	58	294
26	1576	F	Pati Kaid Dabbar	66	80	50		88	48			88	
27	1577	F	Pati Nikita Arinadh	16	19	43	31	46	46	40	46	50	343
28	1578	F	Pati Nikita Mulyadi	18	18	40	41	40	40	50	44	50	229
29	1579	M	Pati Rizki Muhandika	8	11	38	39	36	34	44	32	38	279
30	1580	F	Pati Uliana Utari	4	4	30	42	43	44	38	42	41	250
31	1581	F	Pati Vanita Rusnah	9	10	44	44	32	34	42	41	41	271
32	1582	F	Pinar Pinar Nabani	13	8	38	44	46	38	41	38	50	291
33	1583	M	Pinar Pratiwi Satrio	9	8	31	34	20	34	44	30	38	260
34	1584	F	Pinar Vaidhary Vastri	5	8	36	28	38	38	42	40	47	278
35	1585	F	Pewar Purnita Widadari	10	11	49	40	41	38	38	38	44	293
36	1586	M	Pihlani Mulyana Satrio	8	8	72	30	31	38	38	40	43	258
37	1587	M	Pihlani Nurca Aji	18	7	30	40	38	30	44	32	30	249
38	1588	F	Purwananti Kusni Kusum	8	7	30	40	30	38	40	41	30	260
39	1589	M	Purwananti Rizki Satrio	8	8	38	38	29	31	38	41	36	250
40	1590	M	Raja Yuli Yoni	8	8	32	35	35	30	34	32	40	250
41	1591	M	Rizki Andika Darsono	7	9	24	24	38	34	34	34	38	171
42	1592	M	Rizki Rizki Sembagi	58	68	78	80	68	65	41	61	30	164
43	1593	F	Rizki Rizki Sembagi	11	10	44	44	38	38	41	41	30	288
44	1594	M	Rizki Rizki Sembagi	8	9	30	38	34	31	40	44	38	251
45	1595	M	Rizki Rizki Sembagi	10	8	38	40	40	40	40	40	30	244
46	1596	M	Rizki Rizki Sembagi	48	48			30	38				
47	1597	M	Rizki Rizki Sembagi	8	7	22	40	30	24	38	38	38	248
48	1598	M	Rizki Rizki Sembagi	5	8	10	30	30	22	34	31	33	215
49	1599	M	Rizki Rizki Sembagi	48	48			38	34				
50	1600	M	Rizki Rizki Sembagi	48	8	34	40	34	30	30	28	44	238
51	1601	M	Rizki Rizki Sembagi	30	31	30	34	30	30	46	34	35	268
52	1602	M	Rizki Rizki Sembagi	30	30	40	38	30	31	40	34	30	278
53	1603	M	Rizki Rizki Sembagi	30	32	30	40	34	36	30	30	41	288
54	1604	M	Rizki Rizki Sembagi	30	33	38	44	34	35	44	34	38	285
55	1605	F	Rizki Rizki Sembagi	33	36	40	44	40	34	44	48	50	341
56	1606	F	Rizki Rizki Sembagi	37	38	44	41	41	30	44	48	50	341
57	1607	M	Rizki Rizki Sembagi	8	8	40	34	30	31	40	40	38	292

58	1605	F	Pawan Prati Manik	10	8	35	44	33	36	40	28	30	280
59	1609	M	Phanik Ashutosh Bhanuwar	5	10	33	30	30	28	38	40	41	272
60	1610	M	Satishchi Rajal Lalson	9	4	30	40	34	32	42	30	40	264
61	1611	M	Shinde Urmesh Ramdas	8	6	32	40	34	32	34	30	40	264
62	1612	M	Vishnu Oskar Balambhat		AD			46	48				
												Grand Total	15754

15754/22620	N	69.61%
	L = N/2	34.80%

Patil
Head

Department of Physics
Arts, Science & Commerce College,
Ramnagar, (Burl)

Dr. Patangrao Kadam
Principal,

Dr. Patangrao Kadam Mahavidyalaya,
Ramnagar (Burl)
Tal. Parga, Dist. Sangli



Rajyat Shiksha Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burl)
 Mid term and Semester End Examination : 2020-21

Department of Physics
Pos Attenuments

Course Name	Course/POs	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
B.Sc - I Paper I Mechanics I (DSC 1A)	CO 1	69.61		34.8	34.8						
	CO 2	34.8		69.61	34.8		34.8				
	CO 3	34.8		69.61	69.61					34.8	
	CO 4	69.61			34.8						
	CO 5	34.8		34.8	34.8	69.61				34.8	
	CO 6	69.61			69.61	34.8			34.8	69.61	
	CO 7	69.61			34.8		69.61	34.8			
	CO 8	34.8	69.61	34.8					69.61		69.61
	CO 9	69.61	69.61		34.8				69.61		
B.Sc I Paper II Mechanics II (DSC 2A)	CO 10	69.61		69.61	69.61	34.8		34.8		34.8	
	CO 11	34.8		34.8	69.61			69.61			34.8
	CO 12	69.61			34.8	69.61	69.61	34.8			34.8
	CO 13	69.61				34.8				69.61	69.61
	CO 14	69.61		34.8	69.61	69.61		69.61			69.61
	CO 15	34.8		69.61	34.8	34.8		69.61			69.61
	CO 16	69.61		34.8	69.61	34.8					34.8
	CO 17	34.8		69.61		69.61					34.8
	CO 18	69.61		34.8		69.61					69.61
	CO 19	69.61		69.61	34.8	34.8					69.61
Physics Laboratory DSC - A Lab: Mechanics	CO 20	34.8	34.8	69.61			34.8			34.8	34.8
	CO 21	34.8	34.8	69.61	69.61	69.61	69.61				69.61
	CO 22	34.8	34.8	34.8	34.8	69.61					69.61
	CO 23	69.61	69.61	34.8	34.8	69.61					69.61
	CO 24	69.61	69.61	69.61				69.61			69.61
Physics Laboratory DSC - B Lab: Electricity and Magnetism	CO 25	34.8	34.8	34.8	69.61		69.61	34.8			69.61
	CO 26		69.61				34.8				34.8
	CO 27	34.8	34.8	34.8	69.61	69.61					69.61
	CO 28	34.8	69.61	69.61							34.8
	CO 29	69.61	34.8	34.8							69.61
	CO 30	69.61	69.61	69.61			34.8				69.61
B,Sc I Paper III Electricity and Magnetism Paper I DSE 1B	CO 31				69.61	34.8			34.8		69.61
	CO 32				69.61	34.8			34.8		34.8
	CO 33	69.61				69.61					34.8
	CO 34	34.8				69.61					34.8
	CO 35	34.8			69.61	34.8					69.61
	CO 36	69.61			69.61	34.8					
	CO 37	69.61			34.8	34.8					34.8

Kad
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 Department of Physics
 Arts, Science & Commerce College,
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 Tal. Palus, Dist. Sangli

B.Sc I Paper IV Electricity and Magnetism Paper II DSC 2B	CO 38	34.8		69.61	34.8	69.61				34.8	
	CO 39	34.8		69.61	34.8	69.61	34.8		34.8		
	CO 40	69.61		69.61	34.8	34.8	69.61		69.61		
	CO 41	34.8		69.61	69.61	69.61	69.61		34.8		
	CO 42	69.61		34.8	69.61	34.8	69.61			34.8	
	CO 43				34.8	69.61				34.8	69.61
	CO 44				69.61	69.61				34.8	34.8
	CO 45	69.61			69.61	34.8				69.61	34.8
	CO 46	69.61			34.8	69.61	69.61				
	CO 47	69.61			69.61	34.8	34.8				69.61
	CO 48				69.61	69.61				34.8	69.61

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burl)
 Mid term Examination - 2020-21

Department of Physics
Pos Attenments

Course/Pos	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10
CO 1	H		L	L						
CO 2	L		H	L		L				
CO 3	L		H	H					L	
CO 4	H			L						
CO 5	L		L	L	H				L	
CO 6	H			H	L			L	H	
CO 7	H			L		H	L			
CO 8	L	H	L				H		H	L
CO 9	H	H		L			H			L
CO 10	H		H	H	L		L		L	
CO 11	L		L	H			H			L
CO 12	H			L	H	H	L			L
CO 13	H				L				H	H
CO 14	H		L	H	H		H			H
CO 15	L		H	L	L		H			H
CO 16	H		L	H	L					L
CO 17	L		H		H					L
CO 18	H		L		H				H	H
CO 19	H		H	L	L					L
CO 20	L	L	H			L			L	L
CO 21	L	L	H	H	H	H				H
CO 22	L	L	L	L	H					H
CO 23	H	H	L	L	H					H
CO 24	H	H	H				H			H
CO 25	L	L	L	H		H	L			H
CO 26		H				L				L
CO 27	L	L	L	H	H					H
CO 28	L	H	H							L
CO 29	H	L	L						H	H
CO 30	H	H	H			L				L
CO 31				H	L			L		H
CO 32				H	L			L		L
CO 33	H				H					L
CO 34	L				H					H
CO 35	L			H	L					
CO 36	H			H	L					
CO 37	H			L	L				L	

Head
Head
 Department of Physics
 Arts, Science & Commerce College,
 Ramanandnagar (Burl)



Principal
Principal,
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Burl)
 Tal. Palus, Dist. Sangli.

CO 38	L		H	L	H				L
CO 39	L		H	L	H	L		L	
CO 40	H		H	L	L	H		H	
CO 41	L		H	H	H	H		L	
CO 42	H		L	H	L	H			L
CO 43				L	H			L	H
CO 44				H	H			L	L
CO 45	H			H	L			H	L
CO 46	H			L	H	H			
CO 47	H			H	L	L			H
CO 48				H	H			L	H

Bapu Shiksha Sanstha
Dr. Patangrao Kadam Mahavidyalaya, Ramnandnagar (Burl)
 Mid term Examination : 2020-21
Outcome Based Marks Sheet
 Department of Physics

Class : B.Sc. II
 Subject : Thermal Physics & Statistical Mechanics
 Date : 08/03/2021

Semester : III
 Paper : V
 Total Marks : 20

Sr. No.	Roll No.	Sex	Name of the Student	Q.1 Choose and write correct alternatives													Q.2 Answer the following question (Any two)			Total Marks (Out of 20)
				1 (CO1)	2 (CO2)	3 (CO3)	4 (CO4)	5 (CO5)	6 (CO6)	7 (CO7)	8 (CO8)	9 (CO9)	10 (CO10)	11 (CO11)	12 (CO12)	13 (CO13)	14 (CO14)	15 (CO15)		
1	1771	M	Chavan Eshwar Manoj	1	0	1	0	0	1	1	0	0	0	1	0	0	0	0	4	
2	1772	M	Hande Swarni Subhash	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	5	
3	1773	M	Jadhav Dhanashree Prabhakar	1	0	1	0	0	1	0	1	1	0	0	0	0	0	0	5	
4	1774	F	Khor Rajan Dnyanesh	1	1	1	1	1	1	1	1	0	1	0	1	0	1	3	19	
5	1775	F	Khor Rajan Dnyanesh	0	1	1	1	1	1	1	1	0	1	0	1	0	1	4	17	
6	1776	M	Mangale Prabhakar Pratik	1	0	1	0	0	1	0	1	1	1	0	0	0	0	0	6	
7	1777	F	Makarevi Pooja Pratik	1	1	1	1	1	1	1	1	1	0	1	0	1	0	1	11	
8	1778	M	Majumdar Sachin Dhanraj	1	0	1	0	0	1	1	1	1	0	0	0	0	0	0	6	
9	1779	M	Paul Shrihar Shinde	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	6	
10	1780	M	Pawar Vidwanath Adish	1	0	1	1	0	1	1	1	1	0	0	0	0	0	0	7	
11	1781	F	Rath Sachin Dhanraj	1	1	0	1	1	1	1	1	1	1	0	1	0	1	2	13	
12	1782	F	Sahasrabudhe Anjali Sampurna	1	1	0	1	1	0	1	1	1	1	0	0	0	0	0	8	
13	1783	M	Saryawanti Shreyas Subhash	1	0	1	0	0	1	0	1	1	0	0	0	0	0	0	7	
14	1784	M	Shrivastav Sant Ramchandra	1	0	1	0	0	1	0	1	1	0	0	0	0	0	0	5	
15	1785	M	Talwar Sayantani Harman	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	4	
16	1786	F	Chougale Sapali Malhar	1	1	0	1	1	0	1	1	1	0	0	0	0	0	0	7	
17	1787	F	Shinde Shiksha Omkar	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	7	
18	1788	F	Mulhar Dhanraj Anand	1	1	0	1	1	0	1	1	1	0	0	0	0	0	0	7	
Number of students per CO (out of 18 students present)				17	8	18	9	9	15	9	18	18	8	1	3	3				
Percentage (%) (out of 100)				94.44	44.44	72.22	50.00	50.00	83.33	50.00	88.89	83.33	27.78	5.56	16.67	22.22				

CO1	49	59	51	52	53	54	55	56	57	58
%	36.09	72.91	94.44	50	X	X	55.29	24.44	33.33	X

Kadam
 Head of Department
 Head
 Department of Physics
 Arts, Science & Commerce College,
 Ramnandnagar (Burl)



Patangrao Kadam
 Dr. Patangrao Kadam Mahavidyalaya
 Ramnandnagar (Burl)
 Tal. Pains. Dist. Solapur.

Rajyal Shiksha Samiti's
Dr. Patangrao Kadam Mahavidyalaya Ramnandnagar (Burl)
 Mid term Examination: 2020-21
Outcome Based Marks Sheet
 Department of Physics

Class : B.Sc. II
 Subject : Waves and Optics
 Date : 08/03/2021

Semester : III
 Paper : VI
 Total Marks : 20

Sr. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternatives											Q.2. Answer the following question (Any two)		Total Marks
				1 (CO1)	2 (CO1)	3 (CO1)	4 (CO1)	5 (CO1)	6 (CO1)	7 (CO1)	8 (CO1)	9 (CO1)	10 (CO1)	11 (CO1)	12 (CO1)	13 (CO1)	
1	1771	M	Chavan Kabil Manoj	1	1	0	1	1	0	1	1	1	1	1	1	4	12
2	1772	M	Harsh Sagaril Subhash	1	1	0	1	1	0	1	1	1	0	1	1	5	11
3	1773	M	Dhakar Dharmaraj Yashwantrao	1	1	0	1	1	1	1	1	1	0	0	2	9	
4	1774	F	Khad Rahmi Divyanka	1	1	0	1	1	1	1	1	1	1	1	1	3	19
5	1775	F	Elkar Renuka Ravindra	1	1	1	1	1	1	1	1	1	1	1	1	2	17
6	1776	M	Mangajale Pravinraaj Prasad	1	1	0	1	1	1	1	1	1	1	1	1	1	16
7	1777	F	Murthi Faruk Harish	1	1	1	1	0	1	1	1	1	1	1	1	1	9
8	1778	M	Mulani Siddh Dadasaheb	1	1	1	1	1	1	1	1	1	1	1	1	1	14
9	1779	M	Fadil Sagar Suresh	1	1	1	1	1	1	1	0	1	1	1	1	1	10
10	1780	M	Fareez Yashwantrao Adish	1	1	1	1	1	1	1	1	1	1	1	1	1	15
11	1781	F	Bale Sushama Dinkar	1	1	1	1	1	1	1	1	1	1	1	1	1	19
12	1782	F	Kulkarni Anshu Sonamrao	1	1	1	1	1	1	1	1	1	1	1	1	1	15
13	1783	M	Suryawanshi Shreyas Subhash	1	1	0	1	1	1	1	1	1	1	1	1	1	11
14	1784	M	Debnaris Jyoti Parashramrao	1	1	1	1	1	1	1	1	1	1	1	1	1	15
15	1785	M	Lat Sagar Harish	1	1	1	0	1	1	1	1	1	1	1	1	1	9
16	1786	F	Chougale Rajani Mahesh	1	1	1	1	1	1	1	1	1	1	1	1	1	18
17	1787	F	Chavale Shikha Chougale	1	1	1	1	1	1	1	1	1	1	1	1	1	14
18	1788	F	Kulkarni Divya Anand	1	0	0	1	1	1	1	1	1	1	1	1	1	8
Number of students per CO (out of 18 students present)				18	17	10	14	17	18	17	15	10	17	17	6	13	8
Percentage (Out of 100)				100	84.44	55.55	83.33	94.44	83.33	94.44	83.33	55.55	94.44	94.44	0	72.22	33.33

CO	59	60	61	62	63	64	65	66	67
94	97.22	88.89	74.90	X	72.21	59.42	X	72.22	X


 Head of Department
 Department of Physics,
 Arts, Science & Commerce College,
 Ramnandnagar (Burl)




 Principal,
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Burl)
 Tal. Pauri, Dist. Solapur

Rajya Shiksha Sanstha
Dr. Patangrao Kadam Mahavidyalaya Ramnandargar (Burl)
 Mid term Examination : 2020-21
Outcome Based Marks Sheet
 Department of Physics

Class : B.Sc. II
 Subject : Thermal Physics & Statistical M
 Date : 08/03/2021

Semester : III
 Paper : VII
 Total Marks : 30

Cao	Q.1. Choose and write correct alternatives												
	1 (CO73)	2 (CO73)	3 (CO73)	4 (CO74)	5 (CO73)	6 (CO75)	7 (CO74)	8 (CO74)	9 (CO73)	10 (CO73)	11 (CO75)	12 (CO73)	13 (CO66)
Number of students per CO (out of 18 students present)	10	7	10	10	12	11	14	6	10	8	10	9	13
Percentage (%) (out of 100)	55.5	38.8	55.5	55.5	66.6	61.1	77.7	33.3	55.5	44.4	55.5	50.0	72.2

Cao	Q.1. Choose and write correct alternatives												
	14 (CO76)	15 (CO66)	16 (CO66)	17 (CO76)	18 (CO71)	19 (CO76)	20 (CO76)	21 (CO69)	22 (CO71)	23 (CO71)	24 (CO71)	25 (CO71)	
Number of students per CO (out of 18 students present)	14	15	15	13	15	8	13	8	10	12	6	11	
Percentage (%) (out of 100)	77.7	83.3	83.3	72.2	83.3	44.4	72.2	44.4	55.5	66.6	33.3	61.1	

CO	68	69	70	71	72	73	74	75	76	77
%	89.63	60	83.33	72.46	X	62.78	65.26	62.56	X	X


Head of Department
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Principal
Dr. Patangrao Kadam Mahavidyalaya
 Ramnandargar (Burl)
 Tal. Patne, Dist. Sangli

Rajawade Sanshodhan Mandal
Dr. Patangrao Kadam Mahavidyalaya Ramnandnagar (Burl)
 Mid-term Examinations : 2020-21
Outcome Based Marks Sheet
 Department of Physics

Class : B.Sc. II
 Subject : Waves and Optics
 Date : 08/03/2021

Semester : III
 Paper : VIII
 Total Marks : 50

Cus	Q.1. Choose and write correct alternative												
	1 (CO8A)	2 (CO8A)	3 (CO8A)	4 (CO8A)	5 (CO8A)	6 (CO8A)	7 (CO8A)	8 (CO8A)	9 (CO8A)	10 (CO8A)	11 (CO8A)	12 (CO8A)	13 (CO8A)
Number of students per CO (out of 18 students present)	6	14	10	18	8	16	10	10	2	11	14	15	3
Percentage (%) (out of 100)	50	77.8	55.6	100	44.4	100	55.6	55.6	27.8	61.1	77.8	83.3	16.7

Cus	Q.2. Choose and write correct alternative												
	14 (CO7B)	15 (CO8B)	16 (CO7B)	17 (CO7B)	18 (CO8B)	19 (CO8B)	20 (CO8B)	21 (CO8B)	22 (CO8B)	23 (CO8B)	24 (CO8B)	25 (CO8B)	
Number of students per CO (out of 18 students present)	12	7	3	16	9	12	11	18	12	6	11	11	
Percentage (%) (out of 100)	66.7	38.9	27.8	88.9	50	67.7	61.1	100	66.7	33	61.1	61.1	

CO	78	79	80	81	82	83	84	85	86
%	47.25	52.53	54.66	X	X	69.67	50	14.8	75.50


 Head of Department
 Head
 Department of Physics,
 Arts, Science & Commerce College,
 Ramnandnagar (Burl)




 Principal
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Burl)
 Tal. Palus, Dist. Sangli

Rajya Shiksha Sanstha
Dr. Patangrao Kadam Mahavidyalaya, Ramnandnagar (Burla)
Mid-term Examination, 2020-21
Outcome Based Marks Sheet
Department of Physics

Class : B.Sc. III
Subject : Mathematical Physics
Date : 08/01/2021

Semester : V
Paper : IX
Total Marks : 20

Sr. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternatives										Q.2. Answer the following question (Any two)			Total Marks	
				1.(0000)	2.(0001)	3.(0002)	4.(0003)	5.(0004)	6.(0005)	7.(0006)	8.(0007)	9.(0008)	10 (0009)	A.(0010)	B.(0011)	C (0012)		
1	1000	F	Chaitanya Anand Anand	1	1	1	1	1	1	1	1	1	1	1	1	1	0	20
2	1001	SA	Divya Rajul Vijay	1	1	0	1	1	1	1	1	0	0	0	0	0	0	7
3	1002	SA	Divya Rajul Vijay	1	1	0	1	1	1	1	1	0	0	0	0	0	0	7
4	1003	SA	Shraddha Prakash Suman	1	1	0	1	1	1	1	1	0	0	0	0	0	0	7
5	1110	F	Lakshmi Sankar Sankar	1	1	1	1	1	0	1	1	1	1	1	1	0	1	15
6	1004	SA	Aditya Venkatesh Sankar	1	1	0	0	0	0	1	0	0	0	0	0	0	0	7
7	1112	SA	Pooj Vaidya Dadas	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
8	1113	F	Pooj Vaidya Dadas	0	1	1	1	1	0	1	0	0	0	1	0	0	6	7
9	1114	F	Neelika Sankar Dadas	1	1	1	1	1	0	1	0	0	1	0	1	0	8	
10	1115	F	Shraddha Prakash Suman	1	1	1	1	1	1	1	0	0	1	0	1	0	13	
11	1116	SA	Divya Rajul Vijay	1	1	0	1	1	1	1	1	0	1	0	1	1	12	
Number of students per CO (out of 11 students)				10	11	5	5	5	7	10	6	2	6	2	4	2		
Percentage (%) (out of 100)				90.91	100.00	45.45	45.45	45.45	63.64	90.91	54.55	18.18	54.55	18.18	36.36	18.18		


Head of Department
Head
Department of Physics
Arts, Science & Commerce College,
Ramnandnagar (Burla)




Principal
Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramnandnagar (Burla)
Tal. Palux, Dist. Sangli

Bharatiya Sikshana Samithi
Dr. Patangrao Kadam Mahavidyalaya, Ramnanduragar (Bull.)
Autonomous (Established in 2007-08)
Outgoing Based Marks Sheet
Department of Physics

Class : B.Sc. III
Subject : Quantum Mechanics
Date : 09/03/2021

Semester : V
Paper : X
Total Marks : 20

Sl. No.	Roll No.	Sex	Name of the Student	Q.1. Choose and write correct alternatives										Q.2. Answer the following questions (Any two)			Total Marks			
				1.(CO128)	2.(CO117)	3.(CO122)	4.(CO106)	5.(CO113)	6.(CO114)	7.(CO115)	8.(CO116)	9.(CO118)	10.(CO119)	11.(CO120)	A.(CO100)	B.(CO110)		C.(CO107)		
1.	1999	F	Charan Jayant Patil	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	20	
2.	1907	SA	Deepak Hiral Vajre	D	0	2	0	1	2	2	2	2	2	2	2	2	2	2	9	
3.	1908	M	Himad Subodh Vajre	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	20	
4.	1905	M	Kanika Siddhant Sonawale	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	20	
5.	1910	F	Tanvi Tejasvi Kulkarni	L	L	L	L	L	L	0	L	L	L	L	L	L	L	L	19	
6.	1911	M	Nikhil Vijaykumar Prabhakar	L	L	L	L	L	L	L	0	L	L	L	L	L	L	L	10	
7.	1912	M	Pooja Parthiv Chakraborty	L	L	L	0	L	L	L	L	L	L	L	L	L	L	L	11	
8.	1913	F	Shree Yashwanth Dhadke	AD	AB	AB	AD	AD	AD	AB	AB	AB	AD	AD	AD	AB	AB	AB	AB	
9.	1914	F	Shweta Mayur Chakraborty	L	L	L	L	L	0	L	0	0	0	2	L	L	L	L	8	
10.	1915	F	Ujjwala Pratiksha Sarmal	L	L	L	L	L	L	L	L	0	L	L	L	L	L	L	10	
11.	1916	M	Vijay Dhanraj Ramnandur	L	0	L	L	L	L	L	L	0	L	L	L	L	L	L	8	
Number of students per CO (out of 20 students)				8	8	9	8	10	8	8	8	7	9	7	4	0				
Percentage (%) (out of 100)				90	80	90	80	100	90	80	80	70	90	70	40	0				


Head of Department
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Pata, Science & Commerce College
Ramnanduragar (Bull.)




Principal
Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramnanduragar (Bull.)
Tal. Pata, Dist. Sangli

Rajni Shiksha Sanstha
Dr. Patangrao Kadam Mahavidyalaya, Ramnandnagar (Burla)
Mid Term Examination - 2020-21
Outcome Based Marks Sheet
Department of Physics

Class : B.Sc. III
Subject : Classical Mechanics
Date : 10/03/2021

Semester : V
Paper : XI
Total Marks : 20

Sl. No.	Roll No.	Sex	Name of the student	Q.1. Choose and write correct alternative										Q.2. Answer the following questions (any two)			Total Marks						
				1 (CO11)	2 (CO12)	3 (CO13)	4 (CO12)	5 (CO13)	6 (CO13)	7 (CO13)	8 (CO13)	9 (CO12)	10 (CO12)	A (CO13)	B (CO12)	C (CO13)							
1	2996	F	Chitra Anam Aze (M)	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20		
2	1907	M	Ujjwal Kishor Vijay	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	9		
3	1088	M	Prerak Suman Yogi	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	13		
4	1933	M	Kaushik Prakash Singh	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	13		
5	2211	F	Jyoti Tapaswini Nishu	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	13		
6	2211	SE	Milina Yashwantrao Inglekar	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	13		
7	1812	M	Pratik Vaidya Dinkar	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	8		
8	1915	F	Prati Vaidya Dinkar	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	12		
9	1914	F	Prati Vaidya Dinkar	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	7		
10	1815	F	Trishna Pratiksha Bhand	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	20		
11	1818	M	Vansh Dhanraj Bhandari	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11		
Number of students per CO (out of 11 students)				11	11	8	11	9	10	8	5	8	10	8	2	5							
Percentage (%) (out of 100)				100	100	54.54	100	81.81	90.9	81.81	45.45	81.81	90.9	54.54	18.18	45.45							


Head of Department
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Department of Physics
Arts, Science & Commerce College
Ramnandnagar (Burla)




Principal
Dr. Patangrao Kadam Mahavidyalaya
Ramnandnagar (Burla)
Tal: Palus, Dist. Sangu.

Taty: Shriobhai Santhi's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Dist)
 Mid term Examination: 2020-21
Outcome Based Marks Sheet
Department of Physics

Class : B.Sc. III
 Subject : Digital & Analog circuits & instrumentation
 Date : 12/03/2021

Semester : V
 Paper : XII
 Total Marks : 20

Sl. No.	Roll No.	Sex	Name of the Student	Q.1) Choose one term correct alternative									Q.2) Answer the following question (Key type)			Total Marks	
				1 (CO1A)	2 (CO1B)	3 (CO1C)	4 (CO1D)	5 (CO1E)	6 (CO1F)	7 (CO1G)	8 (CO1H)	9 (CO1I)	10 (CO1J)	11 (CO1K)	12 (CO1L)		13 (CO1M)
1	050	F	Chaitan Anant Agrawal	1	1	1	1	1	1	1	1	1	1	1	5	5	20
2	1907	M	Divya Rajat Vijay	1	1	1	1	0	0	1	1	0	1	4	0	11	
3	1826	M	Shamir Subhan Yousaf	1	1	1	1	1	1	1	1	1	1	5		14	
4	1809	M	Kaustubh Maheshwar Sonpat	1	1	1	1	1	1	0	1	1	1	1		14	
5	1910	F	Lijana Deepak Arshad	1	1	1	1	1	1	0	1	1	1	4.5	4.5	15	
6	1881	M	Milind Vijaykumar Indulkar	1	1	1	1	1	1	1	0	1	1		0.5	10	
7	1812	M	Pranav Siddharth Deshpande	1	1	1	1	1	1	1	0	1	1			8	
8	1917	F	Farah Waheedani Durrani	1	0	1	0	0	0	1	1	0	0	1	1	6	
9	1914	F	Arpana Shilpa Dinkar	0	0	0	0	1	0	1	0	0	0			2	
10	1913	F	Tanmay Parthivale Bhambhani	1	1	0	1	1	0	1	1	0	0	5	2	11	
11	1911	M	Vivek Dhanraj Bhasinani	1	0	1	1	0	0	1	0	1	1			6	
Number of students per CO (out of 11 students)				10	9	9	8	8	6	7	9	6	8	7	6	0	
Percentage (%) (out of 100)				90.9	81.81	81.81	81.81	72.72	54.54	63.63	81.81	54.54	72.72	63.63	54.54	0	

(Signature)

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Department of Physics

Arts, Science & Commerce College
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(Signature)

Principal

Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Dist)
 Tal. Patna, Dist. Sangli

Pawan Shiksha Samithi
Dr. Patangrao Kadam Mahavidyalaya Ramnandnagar (Burl)
 Mid term Examination: 2020-21
Outcome Based Marks Sheet
Department of Physics

Class : B.Sc. III
 Subject : Nuclear and Partical Physics
 Date : 23/07/2021

Semester : VI
 Paper : XIII
 Total Marks : 50

CoA	Q.1. Choose and write correct alternatives													
	150	150	150	150	150	152	151	150	150	151	152	153	154	
Number of students per CO (out of 11 students present)	6	9	6	7	5	5	8	6	6	7	8	6	7	
Percentage (%) (out of 100)	60	90	60	70	50	50	80	60	60	70	80	60	70	

CoA	Q.1. Choose and write correct alternative												
	152	151	149	168	148	149	142	148	153	153	154	154	
Number of students per CO (out of 11 students present)	5	9	5	6	10	6	3	7	9	3	6	7	
Percentage (%) (out of 100)	50	90	50	60	100	60	30	70	90	30	60	70	


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Rajiv Gandhi Institute
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burl)
 Mid term Examination - 2020-21
Outcome Based Marks Sheet
Department of Physics

Class : B.Sc. III
 Subject : Solid State Physics
 Date : 23/07/2021

Semester : VI
 Paper : XIV
 Total Marks : 50

Cus	Q.1 Choose and write correct alternatives													
	160	162	158	161	162	167	160	161	161	160	163	163	163	163
Number of students per CU (out of 18 students present)	7	9	6	6	8	9	6	8	7	8	8	8	8	6
Percentage (%) (out of 100)	75	90	60	60	80	90	60	80	70	80	80	80	80	60

Cus	Q.1 Choose and write correct alternative											
	161	159	159	164	162	167	164	164	165	163	163	160
Number of students per CU (out of 18 students present)	2	4	6	4	6	2	4	6	2	8	10	8
Percentage (%) (out of 100)	20	40	60	90	60	20	40	60	50	80	100	80


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Dr. Patangrao Kadam Mahavidyalaya Ramnandnagar (Burla)

Mid term Examination : 2020-21

Outcome Based Marks Sheet
Department of Physics

Class : B.Sc-III
Subject : Atomic and molecular physics and Astropl
Date : 24/07/2021

Semester : VI
Paper : XV
Total Marks : 50

Cm	Q.1 - Choose and write correct alternative												
	1 (CO169)	2 (CO169)	3 (CO169)	4 (CO169)	5 (CO169)	6 (CO170)	7 (CO169)	8 (CO170)	9 (CO170)	10 (CO170)	11 (CO170)	12 (CO171)	13 (CO171)
Number of students per CO (out of 14 students present)	10	5	9	7	3	3	8	8	6	7	4	8	10
Percentage (%) (out of 100)	71.4	35.7	64.3	50.0	21.4	21.4	57.1	57.1	42.9	50.0	28.6	57.1	71.4

Cm	Q.1 - Choose and write correct alternative											
	14 (CO171)	15 (CO171)	16 (CO171)	17 (CO171)	18 (CO171)	19 (CO171)	20 (CO171)	21 (CO171)	22 (CO171)	23 (CO172)	24 (CO172)	25 (CO172)
Number of students per CO (out of 14 students present)	8	7	7	7	7	8	7	7	7	9	6	9
Percentage (%) (out of 100)	57.1	50.0	50.0	50.0	50.0	57.1	50.0	50.0	50.0	64.3	42.9	64.3


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Department of Physics
Mrs. Science & Commerce College
Ramnandnagar (Burla)




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Ramnandnagar (Burla)
Tal. Pahn, Dist. Sargol

Rajya Shiksha Samithi
Dr. Patangrao Kadam Mahavidyalaya Ramnandnagar (Burl)
 Mid-term Examination - 2020-21
Outcome Based Marks Sheet

Class: B.Sc./III
 Subject: Energy Studies and Material Science
 Date: 22/07/2021

Semester: - VI
 Paper: - XVI
 Total Marks: - 50

Q.1 Multiple choice questions													
Co	178	179	179	172	185	185	185	185	185	180	178	180	180
No. of Students / CO	5	8	8	8	5	5	10	6	9	3	8	8	5
Percentage	50	80	80	60	50	50	100	60	90	30	80	80	50

Co	182	182	182	181	181	181	180	180	180	184	182	180
No. of Students / CO	4	3	1	5	5	3	7	6	5	6	8	5
Percentage	40	30	10	50	50	70	70	60	50	60	80	50


 Department of
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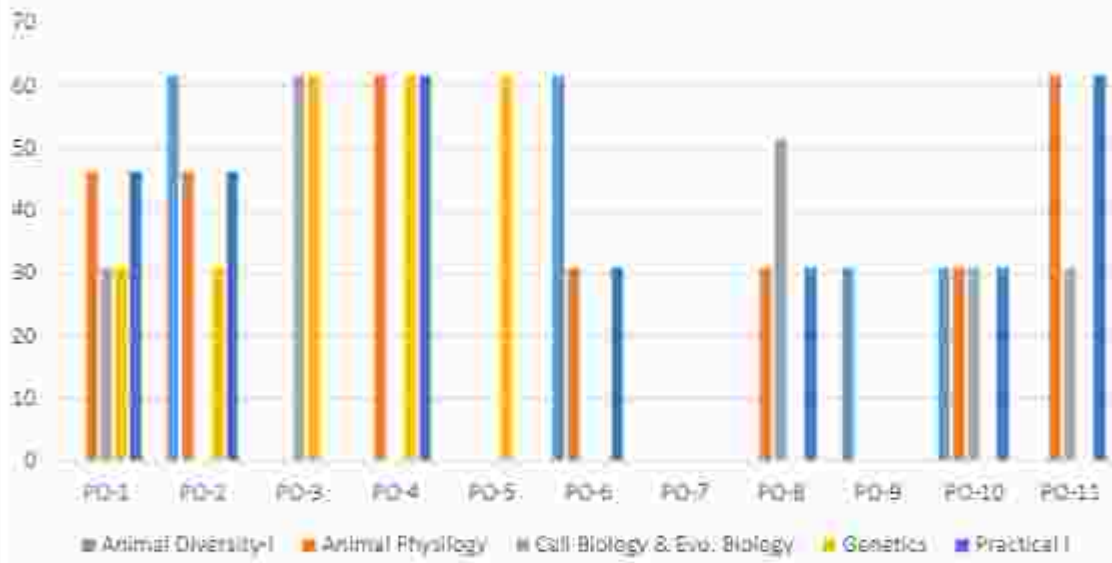



 Principal,
Dr. Patangrao Kadam Mahavidyalaya
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 Tal. Pithul, Dist. Sangli

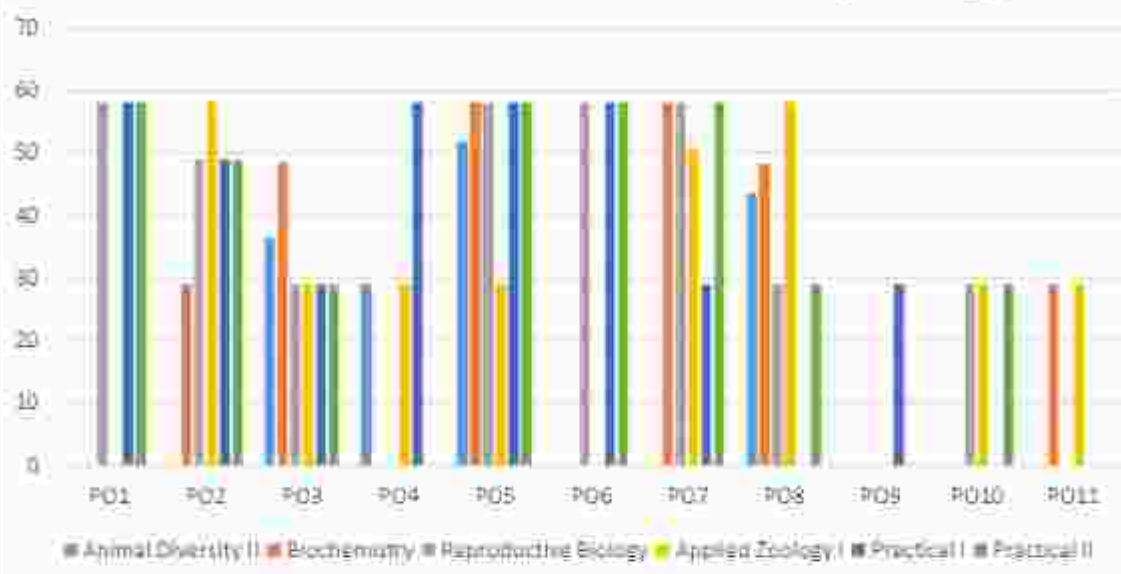
Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl)
Department of Zoology
POs and Cos Attainment Mapping

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Animal Diversity-I		61.60				61.60			30.80	30.80	
Animal Physiology	46.2	46.2		61.60		30.80		30.80		30.80	61.60
Cell Biology & Evo. Biology	30.80		61.60					51.33		30.80	30.80
Genetics	30.80	30.80	61.60	61.60	61.60						
Practical I	46.2	46.2		61.60		30.80		30.80		30.80	61.60
Animal Diversity II			36.32	29.06	51.72			43.59			
Biochemistry		29.06	48.43		58.12		58.12	48.42			29.06
Reproductive Biology	58.12	48.83	29.06		58.12	58.12	58.12	29.06		29.06	
Applied Zoology I		58.12	29.06	29.06	29.06		50.85	58.12		29.06	29.06
Practical I	58.12	48.83	29.06		58.12	58.12	58.12	29.06		29.06	
Practical II	58.12	48.83	29.06		58.12	58.12	58.12	29.06		29.06	
Comp Anatomy of Vertebrates	29.81		29.81	29.81	29.81		59.62	59.62			29.81
Mol. Cell Biology and Animal Biot.	33.30	33.30	66.61		66.61		33.30	49.95		33.30	
Biotechniques & Biostatistics	29.81	29.81	58.12	29.81	58.12	29.81	29.81	49.18	29.81		29.81
Aquatic Biology	30.28	30.28	30.28	30.28		60.56		45.42	30.28	30.28	30.28
Devel. Biology of Vertebrates	32.49	32.49	32.49		29.06	64.99		64.99	30.28	45.32	32.49
Immunology		27.28		27.28		27.28	27.28	54.56	27.28		27.28
Applied Zoology- II	25.99				51.99	51.99	25.99				25.99
Insect Vector & Hntology	30.42		30.42	30.42	60.85		60.85	60.85	30.42	60.85	
Practical I	33.88		33.88	33.88	33.88		67.76	67.76			33.88
Practical II	33.30	33.30	66.61		66.61		33.30	49.95		33.30	
Practical III	29.81		59.62	29.81	59.62	29.81	29.81		29.81		29.81
Practical IV	30.28	30.28	30.28	30.28	59.62	66.56		45.42	30.28	30.28	30.28

Attainment of POs to Cos of B.Sc. I (Zoology)



Attainment of POs to Cos of B.Sc. II (Zoology)



Rayat Shikshan Sanstha's,
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl),
Department of Botany

POs and COs Attainment Mapping: 2020-21

Programme Articulation Matrix

Course to PO Mapping

Courses/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
B.Sc. I Course I: Biodiversity of Microbes, Algae & Fungi.	64.96	77.96	77.96	58.47	58.47	77.96	71.46	58.47	58.47	71.46	64.96	64.96
B.Sc. I Course II: Biodiversity of Archegoniate: Bryophytes, Pteridophytes, Gymnosperms.	64.96	71.46	71.46	45.47	58.47	58.47	51.97	58.47	64.96	64.96	51.97	58.47
B.Sc. I Practical Course I.	58.47	71.46	64.96	58.47	64.96	71.46	58.47	58.47	64.96	71.46	77.96	64.96
B.Sc. I Course III: Plant Ecology.	58.47	71.46	64.96	64.96	64.96	64.96	58.47	58.47	58.47	51.97	58.47	51.97
B.Sc. I Course IV: Plant Taxonomy.	60.63	69.29	60.63	64.96	77.96	64.96	60.63	56.30	56.30	56.30	64.96	60.63
B.Sc. I Practical Course II.	58.47	58.47	71.46	71.46	64.96	64.96	58.47	77.96	58.47	51.97	58.47	51.97
B.Sc. II Course V: Embryology of Angiosperms	52.69	58.55	46.84	64.40	52.69	58.55	64.40	52.69	52.69	58.55	46.84	46.84
B.Sc. II Course VI: Plant Physiology.	58.55	70.26	58.55	58.55	58.55	58.55	58.55	58.55	64.40	58.55	64.40	58.55
B.Sc. II Practical Course III.	52.69	58.55	58.55	58.55	64.40	46.84	52.69	52.69	46.84	58.55	52.69	58.55
B.Sc. II Course VII: Plant Anatomy.	52.69	58.55	58.55	52.69	58.55	52.69	64.40	52.69	58.55	58.55	46.84	64.40
B.Sc. II Course VIII: Plant Metabolism.	58.55	58.55	58.55	52.69	58.55	52.69	58.55	40.98	64.40	46.83	52.69	52.69
B.Sc. II Practical Course IV.	57.08	48.30	52.69	52.69	48.30	61.47	57.08	52.69	61.47	57.08	61.47	52.69

Course Articulation Matrix
 ↓ CO to PO Mapping:

Courses / PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	H	H	H	L	H	H	H	L	L	H	L	H
CO2	L	H	H	H	L	H	H	H	H	H	H	H
CO3	H	H	H	H	L	H	H	L	L	H	H	L
CO4	L	H	H	L	H	H	H	H	L	L	H	H
CO5	H	H	H	L	H	H	L	H	H	H	L	L
CO6	H	H	H	H	L	H	H	L	H	H	H	H
CO7	H	H	H	L	H	H	L	H	H	H	L	L
CO8	H	H	L	L	H	H	H	H	L	H	H	H
CO9	L	H	H	L	L	L	L	H	H	L	H	H
CO10	L	L	H	H	H	L	H	L	H	H	L	L
CO11	H	H	H	L	L	L	L	H	L	L	L	L
CO12	H	H	H	L	L	H	L	L	H	H	L	H
CO13	L	H	H	L	L	H	L	L	L	H	H	H
CO14	H	L	L	L	H	H	L	L	H	L	H	L
CO15	L	H	H	H	H	H	H	H	H	H	H	H
CO16	H	H	L	H	H	H	H	L	L	H	H	H
CO17	L	H	H	L	L	L	H	H	H	H	H	L
CO18	H	H	H	H	H	H	L	H	H	H	H	H
CO19	L	H	H	L	H	H	H	L	H	H	H	L
CO20	H	H	H	H	H	H	H	H	L	L	L	L
CO21	H	H	L	L	H	L	L	L	H	L	L	H
CO22	L	L	L	H	L	L	L	L	L	L	L	L
CO23	H	H	H	H	H	H	L	H	H	H	H	H
CO24	L	H	H	H	L	H	H	H	L	L	H	L
CO25	H	H	L	L	H	H	L	L	L	L	H	L
CO26	L	H	H	H	H	L	L	H	L	L	L	L
CO27	H	H	L	H	H	H	H	L	H	H	H	H
CO28	L	H	H	H	H	L	H	H	L	H	L	H
CO29	H	H	L	L	H	H	H	L	H	L	H	L
CO30	H	L	H	H	H	H	L	H	L	H	L	H
CO31	L	H	L	L	H	H	H	L	L	L	H	H
CO32	H	H	H	H	H	H	H	H	H	H	H	L
CO33	L	L	H	H	H	L	L	L	H	L	H	H
CO34	H	H	H	H	H	H	L	H	L	L	H	H
CO35	L	H	H	H	H	L	H	H	H	H	L	H
CO36	H	H	H	H	H	H	L	H	H	L	H	L
CO37	L	L	H	H	H	H	H	H	H	L	L	L
CO38	H	L	H	H	L	L	H	H	L	H	L	L
CO39	L	L	L	L	L	H	H	H	L	L	H	L
CO40	L	H	L	H	L	H	H	H	H	H	H	L
CO41	H	H	L	H	H	L	H	L	H	H	H	L

O42	L	L	H	L	L	L	L	H	H	H	L	L
CO43	L	L	L	H	H	H	H	L	L	L	L	H
CO44	H	H	H	H	H	H	H	L	L	H	L	L
CO45	H	H	L	H	L	H	H	H	L	L	L	H
CO46	H	H	H	L	H	H	H	H	L	H	H	H
CO47	H	H	H	L	H	H	H	L	H	H	L	H
CO48	H	H	L	H	H	H	L	H	H	L	H	L
CO49	L	H	L	H	L	L	H	H	H	H	H	H
CO50	L	H	H	H	H	L	H	H	H	H	H	H
CO51	H	H	H	H	L	H	L	L	H	L	H	L
CO52	H	H	H	L	H	L	H	H	L	H	L	H
CO53	L	L	L	H	H	L	L	L	H	L	H	H
CO54	L	H	H	H	L	L	L	H	L	H	L	L
CO55	H	L	L	L	H	H	H	L	L	L	H	H
CO56	L	H	H	H	H	L	L	L	H	H	H	L
CO57	H	H	H	H	H	H	H	H	L	H	L	H
CO58	L	H	H	L	L	H	H	H	H	H	H	L
CO59	H	L	L	L	H	L	L	L	L	H	L	H
CO60	L	H	H	H	H	H	H	L	H	H	H	H
CO61	H	L	H	H	H	L	H	H	H	L	L	H
CO62	L	H	H	L	L	H	H	L	L	H	L	H
CO63	H	H	L	H	H	L	H	H	H	L	L	H
CO64	H	L	H	H	H	H	H	L	H	H	L	L
CO65	L	H	L	L	H	L	H	L	L	L	L	H
CO66	H	H	H	L	L	H	H	L	H	L	H	L
CO67	L	L	L	H	L	H	L	L	H	H	H	L
CO68	H	H	H	L	H	L	H	L	H	L	L	H
CO69	H	H	H	H	H	L	L	H	H	L	H	H
CO70	L	L	L	L	L	H	H	L	H	H	L	H
CO71	H	H	H	H	H	L	L	H	H	L	H	H
CO72	H	L	H	L	H	H	H	H	H	H	H	L
CO73	H	H	L	H	L	H	L	H	H	L	H	H
CO74	L	L	H	H	L	H	H	H	L	H	L	L
CO75	H	H	L	L	H	H	L	L	H	H	H	H
CO76	L	L	H	L	L	H	H	L	L	L	H	L
CO77	H	L	L	H	L	L	H	L	H	H	H	L

H- Strong Mapping, L- Weak Mapping, No Mapping


 Head of Dept.
 Department of Botany
 Dr. Patangrao Kadam Mahavidhyalaya,
 Ramnandnagar (Burla)





 Principal,
 Dr. Patangrao Kadam Mahavidhyalaya,
 Ramnandnagar (Burla)
 Tal. Palus, Dist. Sangli.

nurse PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	77.96	77.96	77.96	38.98	77.96	77.96	77.96	38.98	38.98	77.96	38.98	77.96
CO2	38.98	77.96	77.96	77.96	38.98	77.96	77.96	77.96	77.96	77.96	77.96	77.96
CO3	77.96	77.96	77.96	77.96	38.98	77.96	77.96	38.98	38.98	77.96	77.96	38.98
CO4	38.98	77.96	77.96	38.98	77.96	77.96	77.96	77.96	38.98	38.98	77.96	77.96
CO5	77.96	77.96	77.96	38.98	77.96	77.96	38.98	77.96	77.96	77.96	38.98	38.98
CO6	77.96	77.96	77.96	77.96	38.98	77.96	77.96	38.98	77.96	77.96	77.96	77.96
AVG.	64.96	77.96	77.96	58.47	58.47	77.96	71.46	58.47	58.47	71.46	64.96	64.96
CO7	77.96	77.96	77.96	38.98	77.96	77.96	38.98	77.96	77.96	77.96	38.98	38.98
CO8	77.96	77.96	38.98	38.98	77.96	77.96	77.96	77.96	38.98	77.96	77.96	77.96
CO9	38.98	77.9	77.96	38.98	38.98	38.98	38.98	38.98	77.96	38.98	77.96	77.96
CO10	38.98	38.98	77.96	77.96	77.96	38.98	77.96	38.98	77.96	77.96	38.98	38.98
CO11	77.96	77.96	77.96	38.98	38.98	38.98	38.98	77.96	38.98	38.98	38.98	38.98
CO12	77.96	77.96	77.96	38.98	38.98	77.96	38.98	38.98	77.96	77.96	38.98	77.96
AVG.	64.96	71.46	71.46	45.47	58.47	58.47	51.97	58.47	64.96	64.96	51.97	58.47
CO13	38.98	77.96	77.96	38.98	38.98	77.96	38.98	38.98	38.98	77.96	77.96	77.96
CO14	77.96	38.98	38.98	38.98	77.96	77.96	38.98	38.98	77.96	38.98	77.96	38.98
CO15	38.98	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96
CO16	77.96	77.96	38.98	77.96	77.96	77.96	77.96	38.98	38.98	77.96	77.96	77.96
CO17	38.98	77.96	77.96	38.98	38.98	38.98	77.96	77.96	77.96	77.96	77.96	38.98
CO18	77.96	77.96	77.96	77.96	77.96	77.96	38.98	77.96	77.96	77.96	77.96	77.96
AVG.	58.47	71.46	64.96	58.47	64.96	71.46	58.47	58.47	64.96	71.46	77.96	64.96
CO19	38.98	77.96	77.96	38.98	77.96	77.96	77.96	38.98	77.96	77.96	77.96	38.98
CO20	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	38.98	38.98	38.98	38.98
CO21	77.96	77.96	38.98	38.98	77.96	38.98	38.98	38.98	77.96	38.98	38.98	77.96
CO22	38.98	38.98	38.98	77.96	38.98	38.98	38.98	38.98	38.98	38.98	38.98	38.98
CO23	77.96	77.96	77.96	77.96	77.96	77.96	38.98	77.96	77.96	77.96	77.96	77.96
CO24	38.98	77.96	77.96	77.96	38.98	77.96	77.96	77.96	38.98	38.98	77.96	38.98
AVG.	58.47	71.46	64.96	64.96	64.96	64.96	58.47	58.47	58.47	51.97	58.47	51.97
CO25	77.96	77.96	38.98	38.98	77.96	77.96	38.98	38.98	38.98	38.98	77.96	38.98
CO26	38.98	77.96	77.96	77.96	77.96	38.98	38.98	77.96	38.98	38.98	38.98	38.98
CO27	77.96	77.96	38.98	77.96	77.96	77.96	77.96	38.98	77.96	77.96	77.96	77.96
CO28	38.98	77.96	77.96	77.96	77.96	38.98	77.96	77.96	38.98	77.96	38.98	77.96
CO29	77.96	77.96	38.98	38.98	77.96	77.96	77.96	38.98	77.96	38.98	77.96	38.98
CO30	77.96	38.98	77.96	77.96	77.96	77.96	38.98	77.96	38.98	77.96	38.98	77.96
CO31	38.98	77.96	38.98	38.98	77.96	77.96	77.96	38.98	38.98	38.98	77.96	77.96
CO32	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	77.96	38.98
CO33	38.98	38.98	77.96	77.96	77.96	38.98	38.98	38.98	77.96	38.98	77.96	77.96
AVG.	60.63	69.29	60.63	64.96	77.96	64.96	60.63	56.30	56.30	56.30	64.96	60.63
CO34	77.96	77.96	77.96	77.96	77.96	77.96	38.98	77.96	38.98	38.98	77.96	77.96
CO35	38.98	77.96	77.96	77.96	77.96	38.98	77.96	77.96	77.96	77.96	38.98	77.96
CO36	77.96	77.96	77.96	77.96	77.96	77.96	38.98	77.96	77.96	38.98	77.96	38.98
CO37	38.98	38.98	77.96	77.96	77.96	77.96	77.96	77.96	77.96	38.98	38.98	38.98
CO38	77.96	38.98	77.96	77.96	38.98	38.98	38.98	77.96	38.98	77.96	38.98	38.98
CO39	38.98	38.98	38.98	38.98	38.98	77.96	77.96	77.96	38.98	38.98	77.96	38.98

	58.47	58.47	71.46	71.46	64.96	64.96	58.47	77.96	58.47	51.97	58.47	51.97
CO40	35.13	70.26	35.13	70.26	35.13	70.26	70.26	70.26	70.26	70.26	70.26	35.13
CO41	70.26	70.26	35.13	70.26	70.26	35.13	70.26	35.13	70.26	70.26	70.26	35.13
CO42	35.13	35.13	70.26	35.13	35.13	35.13	35.13	70.26	70.26	70.26	35.13	35.13
CO43	35.13	35.13	35.13	70.26	70.26	70.26	70.26	35.13	35.13	35.13	35.13	70.26
CO44	70.26	70.26	70.26	70.26	70.26	70.26	70.26	35.13	35.13	70.26	35.13	35.13
CO45	70.26	70.26	35.13	70.26	35.13	70.26	70.26	70.26	35.13	35.13	35.13	70.26
AVG.	52.69	58.55	46.84	64.40	52.69	58.55	64.40	52.69	52.69	58.55	46.84	46.84
CO46	70.26	70.26	70.26	35.13	70.26	70.26	70.26	70.26	35.13	70.26	70.26	70.26
CO47	70.26	70.26	70.26	35.13	70.26	70.26	70.26	35.13	70.26	70.26	35.13	70.26
CO48	70.26	70.26	35.13	70.26	70.26	70.26	35.13	70.26	70.26	35.13	70.26	35.13
CO49	35.13	70.26	35.13	70.26	35.13	35.13	70.26	70.26	70.26	70.26	70.26	70.26
CO50	35.13	70.26	70.26	70.26	70.26	35.13	70.26	70.26	70.26	70.26	70.26	70.26
CO51	70.26	70.26	70.26	70.26	35.13	70.26	35.13	35.13	70.26	35.13	70.26	35.13
AVG.	58.55	70.26	58.55	58.55	58.55	58.55	58.55	58.55	64.40	58.55	64.40	58.55
CO52	70.26	70.26	70.26	35.13	70.26	35.13	70.26	70.26	35.13	70.26	35.13	70.26
CO53	35.13	35.13	35.13	70.26	70.26	35.13	35.13	35.13	70.26	35.13	70.26	70.26
CO54	35.13	70.26	70.26	70.26	35.13	35.13	35.13	70.26	35.13	70.26	35.13	35.13
CO55	70.26	35.13	35.13	35.13	70.26	70.26	70.26	35.13	35.13	35.13	70.26	70.26
CO56	35.13	70.26	70.26	70.26	70.26	35.13	35.13	35.13	70.26	70.26	70.26	35.13
CO57	70.26	70.26	70.26	70.26	70.26	70.26	70.26	70.26	35.13	70.26	35.13	70.26
AVG.	52.69	58.55	58.55	58.55	64.40	46.84	52.69	52.69	46.84	58.55	52.69	58.55
CO58	35.13	70.26	70.26	35.13	35.13	70.26	70.26	70.26	70.26	70.26	70.26	35.13
CO59	70.26	35.13	35.13	35.13	70.26	35.13	35.13	35.13	35.13	70.26	35.13	70.26
CO60	35.13	70.26	70.26	70.26	70.26	70.26	70.26	35.13	70.26	70.26	70.26	70.26
CO61	70.26	35.13	70.26	70.26	70.26	35.13	70.26	70.26	70.26	35.13	35.13	70.26
CO62	35.13	70.26	70.26	35.13	35.13	70.26	70.26	35.13	35.13	70.26	35.13	70.26
CO63	70.26	70.26	35.13	70.26	70.26	35.13	70.26	70.26	70.26	35.13	35.13	70.26
AVG.	52.69	58.55	58.55	52.69	58.55	52.69	64.40	52.69	58.55	58.55	46.84	64.40
CO64	70.26	35.13	70.26	70.26	70.26	70.26	70.26	35.13	70.26	70.26	35.13	35.13
CO65	35.13	70.26	35.13	35.13	70.26	35.13	70.26	35.13	35.13	35.13	35.13	70.26
CO66	70.26	70.26	70.26	35.13	35.13	70.26	70.26	35.13	70.26	35.13	70.26	35.13
CO67	35.13	35.13	35.13	70.26	35.13	70.26	35.13	35.13	70.26	70.26	70.26	35.13
CO68	70.26	70.26	70.26	35.13	70.26	35.13	70.26	35.13	70.26	35.13	35.13	70.26
CO69	70.26	70.26	70.26	70.26	70.26	35.13	35.13	70.26	70.26	35.13	70.26	70.26
AVG.	58.55	58.55	58.55	52.69	58.55	52.69	58.55	40.98	64.40	46.83	52.69	52.69
CO70	35.13	35.13	35.13	35.13	35.13	70.26	70.26	35.13	70.26	70.26	35.13	70.26
CO71	70.26	70.26	70.26	70.26	70.26	35.13	35.13	70.26	70.26	35.13	70.26	70.26
CO72	70.26	35.13	70.26	35.13	70.26	70.26	70.26	70.26	70.26	70.26	70.26	35.13
CO73	70.26	70.26	35.13	70.26	35.13	70.26	35.13	70.26	70.26	35.13	70.26	70.26
CO74	35.13	35.13	70.26	70.26	35.13	70.26	70.26	70.26	35.13	70.26	35.13	35.13
CO75	70.26	70.26	35.13	35.13	70.26	70.26	35.13	35.13	70.26	70.26	70.26	70.26
CO76	35.13	35.13	70.26	35.13	35.13	70.26	70.26	35.13	35.13	35.13	70.26	35.13
CO77	70.26	35.13	35.13	70.26	35.13	35.13	70.26	35.13	70.26	70.26	70.26	35.13
AVG.	57.08	48.30	52.69	52.69	48.30	61.47	57.08	52.69	61.47	57.08	61.47	52.69


Head of Dept.
Department of Botany
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burl)



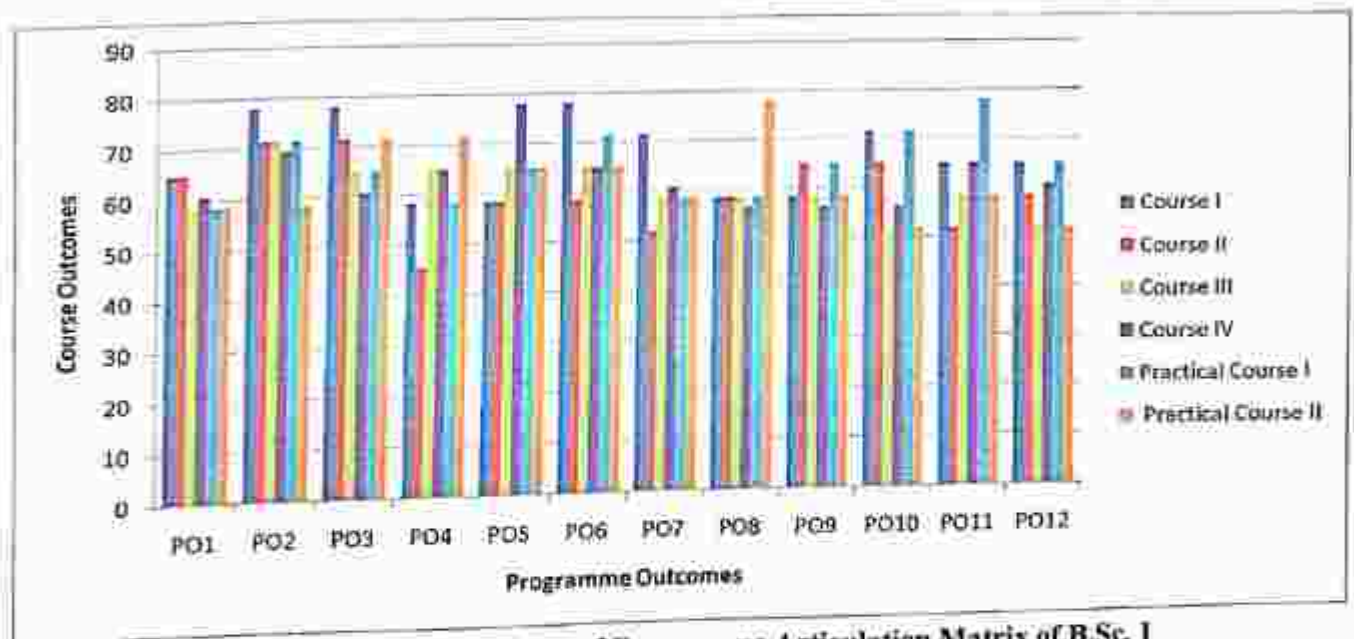

Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burl)
Tal. Palus, Dist. Sangli.

Sl. No.	Roll No.	Name of Student	Semester I	Semester II	Practical Marks	Total Marks	Obtained Marks	Average %
1.	1551	AIWAL ARAH SATISH	82	84	41	250	207	82.8%
2.	1552	ARHUNE AKASH MADHUKAR	70	66	36	250	172	68.8%
3.	1553	ARHUNE RUTUJA VINAYAK	80	86	38	250	204	81.6
4.	1554	CHAVAN ANSHUWARYA SHRIKANT	82	86	48	250	216	86.4
5.	1555	CHAVAN ARATI SANTOSH	64	70	40	250	174	69.6
6.	1556	HOWAL SAKSHI SANJAY	76	82	45	250	203	81.2
7.	1557	JADHAV ABHISHEK BABASO	76	92	39	250	207	82.8
8.	1558	JADHAV NETRA SANGRAM	72	82	41	250	195	78%
9.	1559	JADHAV PAVAN PRALHAD	86	80	Ab	250	166	66.4%
10.	1560	JADHAV PRATIKSHA CHANDRAKANT	78	84	41	250	203	81.2%
11.	1561	JADHAV SHRIDHAR RAJENDRA	78	76	40	250	194	77.5%
12.	1562	JADHAV VAISHNAVI VASANT	74	84	46	250	204	81.6%
13.	1563	KATE SANGRAM JAGANNATH	86	84	38	250	208	83.2%
14.	1564	MADANI MAYURI DHANAJI	74	76	37	250	187	74.8%
15.	1565	MANE VAISHNAVI PRAVIN	80	78	39	250	197	78.8%
16.	1566	MASKE SUBHAM JAGANNATH	96	98	40	250	234	93.6%
17.	1567	MOHITE SAKSHI AMHADEV	82	84	41	250	207	82.8%
18.	1568	NADAF SUTYAN AMJAD	42	86	Ab	250	128	51.2%
19.	1569	NALAWADE NANTKA VIJAY	72	84	39	250	195	78%
20.	1570	NAVADKAR NEHAL SARJIRAO	74	84	43	250	201	80.4%
21.	1571	NEKAM TUSHAR RAJENDRA	80	88	40	250	208	83.2%
22.	1572	PATILSH SANA AMJAD	80	84	43	250	207	82.8%
23.	1573	PATIL NIKITA AVINASH	86	80	46	250	212	84.8%
24.	1574	PATIL ABHISHEK ANIL	76	84	44	250	204	81.6%
25.	1575	PATIL ANSHWINI HIMMATRAO	68	80	40	250	188	75.2%
26.	1576	PATIL NIKITA AMHADEV	88	78	42	250	208	83.2%
27.	1577	PATIL SUMIT BHAI CHANDRA	78	90	38	250	206	82.2%
28.	1578	PATIL UTKARSHA UTTAM	88	86	39	250	213	85.2%

29.	1579.	TRIPY: VABHED, WAMUNA	82	84	39	250	205	82%
30.	1580.	YIPK SE PRANETI JASAMPT	72	80	40	250	192	76.8%
31.	1581	PARAS PRATHIBANI SANGAY	76	82	39	250	197	78.8%
32.	1582	WADIP VZUMBIAYY VAKAYE	74	76	38	250	188	75.2%
33.	1583	HEKUNY POKY (KUNIA KUNIDAT	34	74	39	250	147	58.8%
34.	1584	SIRIYAKE VINIWARAJ SANGAY	80	76	38	250	194	77.6%
35.	1585	SUSEDE ADIKYA ANIL	88	66	Ab	250	154	61.6%
36.	1586	YOKY KAWAZONH KAWOJ KAWALAM	76	76	37	250	189	75.6%
37.	1587	SI RYAWANSII RUSII SANGAY	80	86	37	250	203	81.2%
38.	1588	JUPE YASHUTTAM	88	88	38	250	214	85.6%
39.	1589	YIWAHE ANIAET DATTADRAY	64	68	39	250	171	68.4%

Rayat Shikshan Sanstha's,
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burla),
 Department of Botany
 POs and COs Attainment Mapping: 2020-21

Courses/POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
B.Sc. I Course I: Biodiversity of Microbes, Algae & Fungi.	64.96	77.96	77.96	58.47	58.47	77.96	71.46	58.47	58.47	71.46	64.96	64.96
B.Sc. I Course II: Biodiversity of Archegoniate: Bryophytes, Pteridophytes, Gymnosperms.	64.96	71.46	71.46	45.47	58.47	58.47	51.97	58.47	64.96	64.96	51.97	58.47
B.Sc. I Practical Course I.	58.47	71.46	64.96	58.47	64.96	71.46	58.47	58.47	64.96	71.46	77.96	64.96
B.Sc. I Course III: Plant Ecology.	58.47	71.46	64.96	64.96	64.96	64.96	58.47	58.47	58.47	51.97	58.47	51.97
B.Sc. I Course IV: Plant Taxonomy.	60.63	69.29	60.63	64.96	77.96	64.96	60.63	56.30	56.30	56.30	64.96	60.63
B.Sc. I Practical Course II.	58.47	58.47	71.46	71.46	64.96	64.96	58.47	77.96	58.47	51.97	58.47	51.97

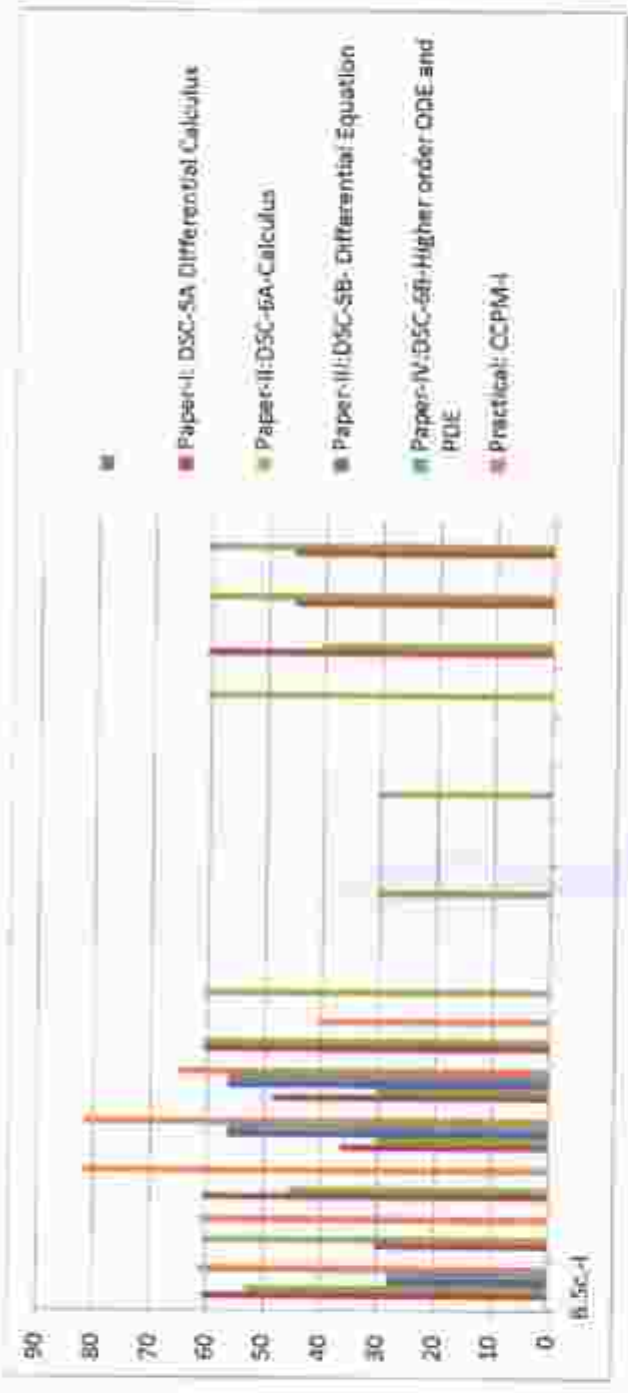


Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl)
 Tal-Palus, Dist. -Sangli

Department of Mathematics
Programme Articulation Matrix

Class	Paper No. and Paper Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PO-16	
B. Sc-I	Paper-I DSC-5A Differential Calculus	60.74	30.37	60.74	36.44	48.59	60.74								60.74	45.55	45.55	
	Paper-II DSC-6A Calculus	55.14	60.74	45.55	30.37	30.37	60.74	60.74		30.37		30.37		60.74	40.49	60.74	60.74	
	Paper-III DSC-5B Differential Equation	28.2			56.4	56.4												
	Paper-IV DSC-6B Higher order ODE and PDE	28.2			56.4	56.4												
	Practical -CCPM-1	61.24	61.22	81.66	81.66	65.32	40.83											

[P.T.O.]



B.Sc.-I

Prags
Head

Department of Mathematics

Prad
Principal

3, Patangrao Kadam Mahavidyalaya
Ramchandnagar (Burti)
Tal. Palus, Dist. Sangli.

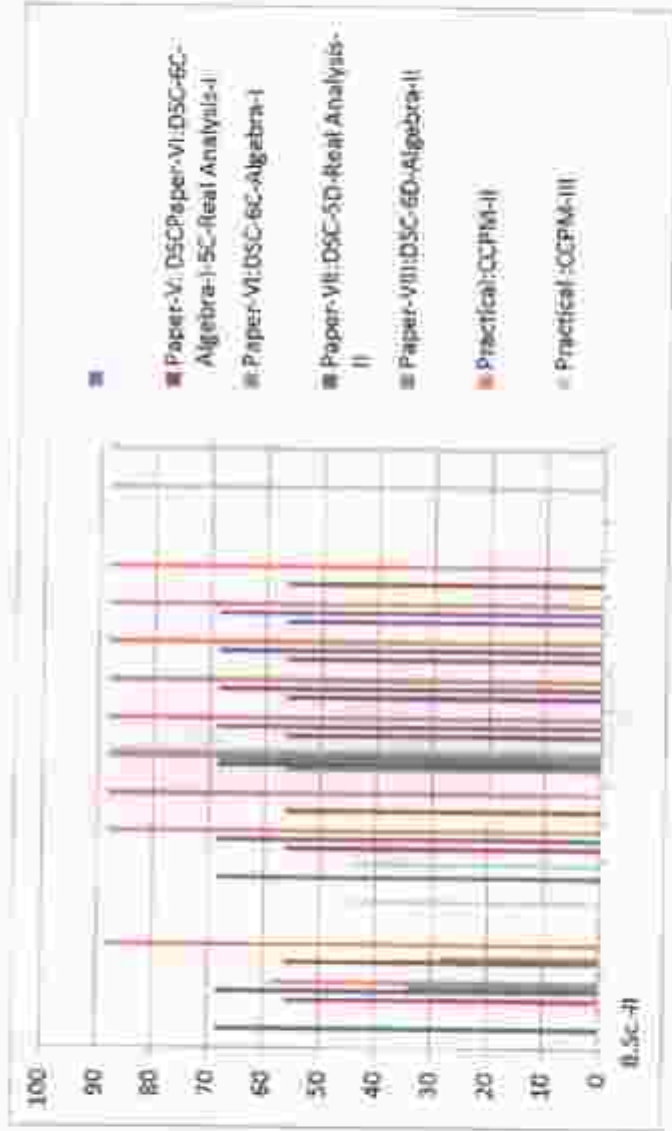


Rayat Shikshan Samstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl)
 Tal-Palus, Dist. -Sangli

Department of Mathematics
Programme Articulation Matrix

Class	Paper No. and Paper Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PO16
B. Sc.-II	Paper-V DSC-5C- Real Analysis-I		56.2	56.2		56.2	56.2	56.2		56.2	56.2	56.2	56.2	56.2			
	Paper-VI DSC-6C- Algebra-I		28.1						56.2								
	Paper-VII DSC-5D- Real Analysis-II	68.5	68.5			68.5	68.5		68.5	68.5	68.5	68.5	68.5				
	Paper-VIII DSC- 6D-Algebra-II		34.25						68.5								
	Practical CCPM-I		58.86	88.3			88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3			
	Practical CCPM-II				44.15	44.15			88.3	88.3						88.3	88.3

[P.T.O.]



B.Sc.-II

Prady
Head,

Department of Mathematics



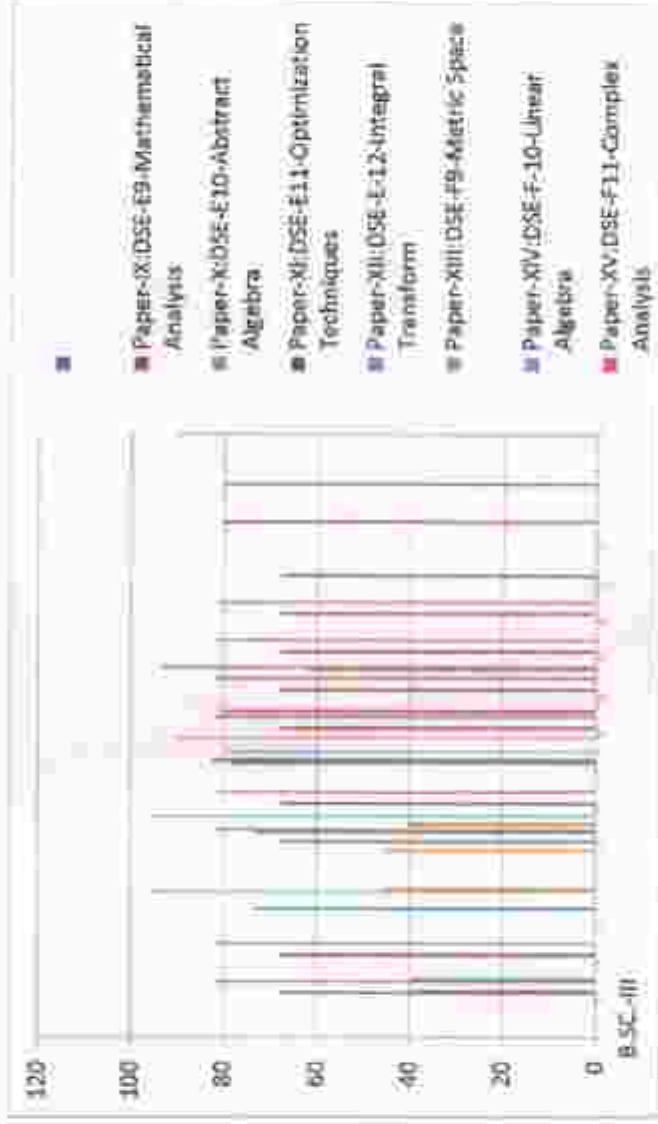
Prady

Principal,

Patangrao Kadam Mahavidyalaya,
Ramnandnagar (Burti)
Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burla)
 Tal-Palus, Dist. -Sangli
Department of Mathematics
Programme Articulation Matrix

Class	Paper No. and Paper Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PO-16
B. Sc.-III	Paper-IX :DSE-E9- Mathematical Analysis		67.75	67.75			67.75	67.75		67.75	67.75	67.75	67.75	67.75			
	Paper-X: DSE-E10- Abstract Algebra		39.37						78.75								
	Paper-XI :DSE-E11- Optimization Techniques								82.5								
	Paper-XII :DSE-E- 12-Integral Transform				73.5			73.5									
	Paper-XIII :DSE-F9- Metric Space		81.5	81.5			81.5	81.5		81.5	81.5	81.5	81.5				
	Paper-XIV :DSE-F- 10-Linear Algebra		39.62						79.25								
	Paper-XV: DSE- F11-Complex Analysis							40.25		80.5					80.5	80.5	
	Paper-XVI: DSE-F- 12-Discrete Mathematics											62.25					
	Practical :CCPM-IV											93					
	Practical :CCPM-V				95.5			95.5									
Practical :CCPM-VI				45.25	45.25				90.5								
																	90.5



B.Sc.-III

Prave
Head,

Department of Mathematics



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Course Articulation Matrix (CO's -PO's)

B. Sc. I Semester I

DSC-7A- Statistics paper I (Descriptive Statistics-I)

2020-21

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	H		L								
CO2		H				L					
CO3					H						L
CO4					H						
CO5					H						
CO6											
CO7									L		
CO8											

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC-7A- Statistics paper I (Descriptive Statistics-I)	H	H	L	-	H	L	-	-	L	-	L

DSC-8A- Statistics paper II (Elementary Probability Theory)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO9			H	H							
CO10			H								
CO11	L										
CO12					L						
CO13				H							L
CO14				H				L			
CO15				H							

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC-8A- Statistics paper II (Elementary Probability Theory)	L		H	H	L	-	-	L	-	-	L

DSC-7B- Statistics Paper III (Descriptive Statistics-II)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO16					H						
CO17		L			H						
CO18					H			L			
CO19	L				H						
CO20					H						
CO21					H					L	
CO22						H					

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC-7B- Statistics Paper III (Descriptive Statistics-II)	L	L	-	-	H	H	L	L	-	L	-

DSC 8B: Statistics Paper-IV (Discrete Probability Distributions)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO23				H			H				
CO24		L		H							
CO25								H			
CO26	L						H				
CO27								H			
CO28							H				
CO29							H				
CO30					H					L	

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC 8B: Statistics Paper-IV (Discrete Probability Distributions)	L	L	-	H	H	-	H	H	-	L	-

DSC- 7C - Statistics paper-V (Probability Distributions-I)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO40							H				
CO41							H				
CO42							H				
CO43								H			
CO44								H			
CO45								H			
CO46							H	H			
CO47				L							

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC- 7C - Statistics paper-V (Probability Distributions- I)	-	-	-	L	-	-	H	H	-	-	-

DSC-8C- Statistics paper -VI (Statistical Methods-I)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO48					H						
CO49					H						
CO50					H						
CO51					H						
CO52	L										
CO53			L								
CO54									L		
CO55										L	

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC-8C- Statistics paper -VI (Statistical Methods-I)	L	-	L	-	H	-	-	-	L	L	-

DSC-7D- Statistics paper-VII (Probability Distribution-II)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO56	H						H				
CO57											L
CO58							H				
CO59							H				
CO60							H				
CO61							H				
CO62									H		
CO63									H		

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC-7D- Statistics paper-VII (Probability Distribution- II)	H	-	-	-	L	-	H	-	-	-	L

DSC- 8D - Statistics paper-VIII (Statistical Methods-II)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO64											H
CO65				L							H
CO66										H	
CO67										H	
CO68	L										
CO69									H		
CO70									H		

Course Level Mapping (Course -PO's)

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
DSC- 8D - Statistics paper-VIII (Statistical Methods- II)	L	-	-	L	-	-	-	H	H	H	H

Programme Articulation Matrix
B.Sc. I Statistics

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B.Sc.I	DSC-7A	Descriptive Statistics-I	H	H	L	-	H	L	-	-	L	-	L
B.Sc.I	DSC-8A	Elementary Probability Theory	L	-	H	H	L	-	-	L	-	-	L
B.Sc.I	DSC-7B	Descriptive Statistics-II	L	L	-	-	H	H	-	L	-	L	-
B.Sc.I	DSC-8B	Discrete Probability Distributions	L	L	H	H	H	-	H	H	H	L	-

Programme Articulation Matrix
B.Sc. II Statistics

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B.Sc.II	DSC-7C	Probability Distributions-I	-	-	-	L	-	-	H	H	-	-	-
B.Sc.II	DSC-8C	Statistical Methods-I	L	-	L	-	H	-	-	-	L	L	-
B.Sc.II	DSC-7D	Probability Distributions-II	L	-	-	-	-	-	H	-	H	-	L
B.Sc.II	DSC-8D	Statistical Methods-II	L	-	-	L	-	-	-	-	H	H	H

Programme Articulation Matrix

B.Sc. I Statistics

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B.Sc.I	DSC-7A	Descriptive Statistics-I	75.5	75.5	37.7	37.7	75.5	-	-	-	-	-	-
B.Sc.I	DSC-8A	Elementary Probability Theory	-	-	64.2	64.2	-	-	-	-	-	-	-
B.Sc.I	DSC-7B	Descriptive Statistics-II	88.2	22.8	-	-	88.2	88.2	-	-	-	-	-
B.Sc.I	DSC-8B	Discrete Probability Distributions	-	-	-	68.8	-	-	68.8	-	-	-	-

Programme Articulation Matrix

B.Sc. II Statistics

Class	Course Code	Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B.Sc.II	DSC-7C	Probability Distributions-I	-	-	-	27	-	-	63	63	-	-	-
B.Sc.II	DSC-8C	Statistical Methods-I	44.5	-	44.5	-	55.5	-	-	-	-	-	-
B.Sc.II	DSC-7D	Probability Distributions-II	-	-	-	-	-	-	63.6	63.6	-	-	-
B.Sc.II	DSC-8D	Statistical Methods-II	-	-	-	31.2	-	-	-	-	68.8	68.8	68.8

N2042
Head


Principal

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl)
Department of Zoology
POs and Cos Attainment Mapping

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Animal Diversity-I		61.60				61.60			30.80	30.20	
Animal Physiology	46.2	46.2		61.60		30.80		30.80		30.80	61.60
Cell Biology & Evo. Biology	30.80		61.60					51.33		30.80	30.80
Genetics	30.80	30.80	61.60	61.60	61.60						
Practical I	46.2	46.2		61.60		30.80		30.80		30.80	61.60
Animal Diversity II			36.32	29.06	51.72			43.59			
Biochemistry		29.06	48.43		58.12		58.12	48.42			29.06
Reproductive Biology	58.12	48.83	29.06		58.12	58.12	58.12	29.06		29.06	
Applied Zoology I		58.12	29.06	29.06	29.06		50.85	58.12		29.06	29.06
Practical I	58.12	48.83	29.06		58.12	58.12	58.12	29.06		29.06	
Practical II	58.12	48.83	29.06		58.12	58.12	58.12	29.06		29.06	
Comp. Anatomy of Vertebrates	29.81		29.81	29.81	29.81		59.62	59.62			29.81
Mol. Cell Biology and Animal Biot.	33.30	33.30	66.61		66.61		33.30	49.95		33.30	
Biotechniques & Biostatistics	29.81	29.81	58.12	29.81	58.12	29.81	29.81	49.18	29.81		29.81
Aquatic Biology	30.28	30.28	30.28	30.28		60.56		45.42	30.28	30.28	30.28
Devel. Biology of Vertebrates	32.49	32.49	32.49		29.06	64.99		64.99	30.28	43.32	32.49
Immunology		27.28		27.28		27.28	27.28	54.56	27.28		27.28
Applied Zoology- II	25.99				51.99	51.99	25.99				25.99
Insect Vector & Histology	30.42		30.42	30.42	60.85		60.85	60.85	30.42	60.85	
Practical I	33.88		33.88	33.88	33.88		67.76	67.76			33.88
Practical II	33.30	33.30	66.61		66.61		33.30	49.95		33.30	
Practical III	29.81		59.62	29.81	59.62	29.81	29.81		29.81		29.81
Practical IV	30.28	30.28	30.28	30.28	59.62	66.56		45.42	30.28	30.28	30.28

Chavan
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Chad
Principal,
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Ramanandnagar (Burl)
Tal. Pals, Dist. Singli.

Rajya Shiksha Samithi's
Dr. Patangrao Kadam Mahavidyalaya, Ramnandnagar (Burla)
 Department of Zoology
 CLOs and their mapping with POs for B.Sc. (Hon) Zoology
 2020-2021

Course Learning Outcomes (CLOs)	Programme Outcomes (POs)										
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1		H				H				L	
CO2		H				H			L		
CO3		H				H					
CO4		H				H					
CO5		H				H					L
CO6				H		L					H
CO7	H	H						L			
CO8		L								L	
CO9	L	L									
CO10		H							L		
CO11	L										L
CO12										L	
CO13			H					L			
CO14								H			
CO15								H		L	
CO16		L		H							
CO17		L		H							
CO18	L		H								
CO19	L		H		H						
CO20	L		H		H						
CO21			L		H			L			
CO22			L		H			L			
CO23			H		L			H			
CO24				L	H			H			
CO25			L								
CO26			H		H			L			
CO27		L									
CO28			L					H			
CO29			H					H			
CO30		L					H				L
CO31		L					H				
CO32			L		H						
CO33	H							L			
CO34		H						L			
CO35		H				H				L	
CO36		H					L				

CO37.				L			H			
CO38.							H			L
CO39.			L				H			
CO40.					L		H			L
CO41.	L						H			
CO42.				L				H		
CO43.			L					H		
CO44.					L			H		L
CO45.								H		
CO46.			H							
CO47.			H							
CO48.		L						H		
CO49.					H			L		L
CO50.	L		H				L			
CO51.		L				L		H		
CO52.				L			L	H		L
CO53.			H					L	L	
CO54.					H				L	
CO55.	L		H				L			
CO56.		L						H		L
CO57.			L			H			L	
CO58.	L			L		H				L
CO59.						H		L		L
CO60.		L				H			L	
CO61.						H				L
CO62.		L							H	L
CO63.			L					H		L
CO64.			L		L			H		
CO65.	L							H		L
CO66.							L	H		
CO67.				L				H		
CO68.		L				L		H		
CO69.								H	L	
CO70.								H		L
CO71.			L					H		
CO72.		L			H					L
CO73.		H						L		
CO74.	L					H				
CO75.					H		L			
CO76.					H			H	L	
CO77.			L					H		
CO78.				L						H
CO79.							H			H
CO80.	L									H
CO81.	L						H			
CO82.			L				H			L
CO83.						L	H			L
CO84.							H			L
CO85.	L		H						L	
CO86.		L			L			H		
CO87.				L				H		

CO88.	L					H				
CO89.					L			H		
CO90.			H						L	
CO91.					H					
CO92.		L				L		H	H	
CO93.									H	L
CO94.	L								H	
CO95.				L		H				
CO96.						H		L		
CO97.		L				H		E		
CO98.				L		H			L	
CO99.			L			H				

H = Strong Mapping L = Weak Mapping Blank = No Mapping

Patangrao

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Department of Zoology
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Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl)
Department of Zoology
B.Sc. I / II / III

Subject: Zoology

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1		61.60				61.60				30.80	
CO2		61.60				61.60			30.80		
CO3		61.60				61.60					
CO4		61.60				61.60					
CO5		61.60				61.60					
AVG		61.60				61.60			30.80	30.80	
CO6				61.60		30.80					61.60
CO7	61.60	61.60						30.80			
CO8		30.80								30.80	
CO9	30.80	30.80									
CO10		61.60									
AVG	46.2	46.2		61.60		30.80		30.80		30.80	61.60
CO11	30.80										30.80
CO12										30.80	
CO13			61.60					30.80			
CO14								61.60			
CO15								61.60		30.80	
AVG	30.80		61.60					51.33		30.80	30.80
CO16		30.80		61.60							
CO17		30.80		61.60							
CO18	30.80		61.60								
CO19	30.80		61.60		61.60						
CO20	30.80		61.60		61.60						
AVG	30.80	30.80	61.60	61.60	61.60						
CO21			29.06		58.12			29.06			
CO22			29.06		58.12			29.06			
CO23			58.12		29.06			58.12			
CO24				29.06	61.60			58.12			
CO25			29.06								
AVG			36.32	29.06	51.72			43.59			
CO26			58.12		58.12			29.06			
CO27		29.06									
CO28			29.06					58.12			
CO29			58.12					58.12			
CO30		29.06					58.12				29.06
AVG		29.06	48.43		58.12		58.12	48.42			29.06
CO31		29.06					58.12				
CO32			29.06		58.12						
CO33	58.12							29.06			
CO34		58.12						29.06			
CO35		58.12				58.12				29.06	
AVG	58.12	48.83	29.06		58.12	58.12	58.12	29.06		29.06	

CO36		58.12					29.06			
CO37				29.06				58.12		
CO38							58.12		29.06	
CO39			29.06				58.12			
CO40					29.06		58.12			29.06
AVG		58.12	29.06	29.06	29.06		50.85	58.12	29.06	29.06
CO41	29.81						59.62			
CO42				29.81				59.62		
CO43			29.81					59.62		
CO44					29.81			59.62		29.81
CO45								59.62		
AVG	29.81		29.81	29.81	29.81		59.62	59.62		29.81
CO46			66.61							
CO47			66.61							
CO48		33.30						66.61		
CO49					66.61			33.30	33.30	
CO50	33.30		66.61				33.30			
AVG	33.30	33.30	66.61		66.61		33.30	49.95	33.30	
CO51		29.81				29.81		59.62		
CO52				29.81			29.81	58.12		29.81
CO53			58.12					29.81	29.81	
CO54					58.12				29.81	
CO55	29.81		58.12				29.81			
AVG	29.81	29.81	58.12	29.81	58.12	29.81	29.81	49.18	29.81	29.81
CO56		30.28						60.56		30.28
CO57			30.28			60.56			30.28	
CO58	30.28			30.28		60.56				30.28
CO59						60.56		30.28		30.28
CO60		30.28				60.56			30.28	
AVG	30.28	30.28	30.28	30.28		60.56		45.42	30.28	30.28
CO61						64.99				32.49
CO62		32.49								64.99
CO63			32.49					64.99		32.49
CO64			32.49		29.06			64.99		
CO65	32.49							64.99		32.49
AVG	32.49	32.49	32.49		29.06	64.99		64.99	30.28	43.32
CO66							27.28	54.56		
CO67				27.28				54.56		
CO68		27.28				27.28		54.56		
CO69								54.56	27.28	
CO70								54.56		27.28
AVG		27.28		27.28		27.28	27.28	54.56	27.28	27.28
CO71			25.99					51.99		
CO72		25.99			51.99					25.99
CO73		51.99						25.99		
CO74	25.99					51.99				
CO75					51.99		25.99			
AVG	25.99				51.99	51.99	25.99			25.99
CO76					60.85			60.85	30.42	

CO77			30.42				60.85			
CO78				30.42					60.85	
CO79						60.85			60.85	
CO80	30.42								60.85	
AVG	30.42		30.42	30.42	60.85	60.85	60.85	30.42	60.85	
CO81	33.88					67.76				
CO82				33.88			67.76			
CO83			33.88				67.76			
CO84					33.88		67.76			33.88
CO85							67.76			
AVG	33.88		33.88	33.88	33.88	67.76	67.76			33.88
CO86			66.61							
CO87			66.61							
CO88		33.30					66.61			
CO89					66.61		33.30		33.30	
CO90	33.30		66.61			33.30				
AVG	33.30	33.30	66.61		66.61	33.30	49.95		33.30	
CO91		29.81				29.81	59.62			
CO92				29.81		29.81	59.62			29.81
CO93			59.62				29.81	29.81		
CO94					59.62			29.81		
CO95	29.81		59.62			29.81				
AVG	29.81		59.62	29.81	59.62	29.81	29.81	29.81		29.81
CO96		30.28					60.56		30.28	
CO97			30.28			60.56		30.28		
CO98	30.28			30.28		60.56				30.28
CO99						60.56	30.28			30.28
AVG	30.28	30.28	30.28	30.28	59.62	66.56	45.42	30.28	30.28	30.28



Head of Dept.
Department of Zoology
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Buri)





Principal,
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Buri)
 Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
Department of Economics
A. Y. 2020-21
Attainment COs
Bachelor of Arts in Economics

Courses * POs →	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
B. A. I												
Indian Economy I	66.12	66.12	72.14	66.12	66.12	60.11	72.14	66.12	60.11	66.12	66.12	66.12
Indian Economy II	67.22	61.61	67.22	56.01	61.61	61.61	56.01	50.41	67.22	67.22	61.61	56.01
B. A. II												
Principles of Macro Economics I	65.30	65.30	48.97	43.53	48.97	48.97	48.97	38.09	48.97	65.30	65.30	43.53
Money and Banking	64.89	64.89	64.89	64.89	54.07	54.07	64.89	64.89	64.89	64.89	64.89	64.89
Principles of Macro Economics II	70.71	70.71	53.03	58.92	58.12	47.13	58.12	58.12	53.03	70.71	70.71	58.92
Banks and Financial Markets	64.66	64.66	64.66	59.27	59.27	59.27	48.49	43.10	64.66	64.66	64.66	59.27
B. A. III Principles of Micro Economics I (DSE E-71)	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
Economic of Development (DSE E-72)	64.34	64.34	58.97	58.97	58.97	58.97	37.52	48.25	64.34	64.34	64.34	58.97
International Economics I (DSE E-73)	67.96	67.96	67.96	62.29	56.63	50.97	50.97	45.30	67.96	67.96	67.96	37.52
Research Methodology in Economics I (DSE E-74)	77.71	66.23	66.23	64.75	58.28	51.80	51.80	58.28	77.71	77.71	67.96	50.97
History of Economic Thoughts I (DSE E-75)	65.91	65.91	65.91	65.91	65.91	43.93	49.43	49.43	65.91	65.91	77.71	51.80
Principles of Micro Economics II (DSE E-196)	67.15	67.15	39.16	39.16	39.16	39.16	39.16	39.16	67.15	67.15	65.91	49.43
Economics of Planning (DSE E-197)	72.14	58.97	73.78	64.34	64.34	64.89	58.97	73.78	56.01	64.66	67.15	39.16
International Economics II (DSE E-198)	67.22	62.29	48.25	67.96	67.96	58.92	50.97	64.34	48.97	73.78	65.91	66.23
Research Methodology in Economics II (DSE E-199)	48.97	64.75	45.30	77.71	67.96	59.27	51.80	67.96	64.89	64.34	39.16	65.91
History of Economic Thoughts II (DSE E-200)	64.89	65.91	58.28	65.91	77.71	73.78	43.93	66.23	58.12	67.96	64.34	39.16
Average	66.81	65.66	60.53	61.85	61.18	56.66	53.56	56.70	62.73	67.91	65.47	55.10


Head,
Department of Economics
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)


Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)
Tal. Patan. Dist. Sangli.

Bachelor of Arts in Economics

COs / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	H				H	L						H
CO2				L	L	L	H		H	H		
CO3	L							H	L	L	L	
CO4						H				H	H	H
CO5	H		H		H			H	H			
CO6				H					L			
CO7						H	L					H
CO8			H		H		H	L				
CO9					H	H		H			H	H
CO10		L	H	L			L	L				
CO11			H		L		H				H	
CO12						H	H		H		H	
CO13					L	L		L				H
CO14							H	L	L			H
CO15				L		H	L				H	
CO16	H		L					L	L			
CO17		H							L			
CO18			L		H	L						
CO19				H		L					H	H
CO20			H	H		H		H				
CO21				H			H					
CO22					H							H
CO23		H		H	H			L				H
CO24	H	H				L			H			
CO25			L	L	L	L	H					H
CO26			L			L		H	L			
CO27				H								H
CO28			L									
CO29	H						L				H	H
CO30		H	H	H				L	L		H	
CO31					H	H	L	L	H			H
CO32			H		H	H	L		H			
CO33			H			H						
CO34									H		H	H
CO35	H					H					H	H
CO36		H		L				L				
CO37						H	H					H
CO38			H							L		
CO39		H									H	H
CO40			H	H						H		
CO41			H						H			
CO42			H				H		H			H
CO43		H					L		H			
CO44	H						L					
CO45					H							
CO46				H							L	L
CO47									H		H	
CO48			L	L	L	L						
CO49						L		L				
CO50	H							L				
CO51		H			L							H
CO52			H		H		H					

Department of Economics
 Dr. Rajkumar Kulkarni Mahavidyalaya
 Ramnagar, Solapur

CO53			H					L				L
CO54	H				L	L						H
CO55		H		L		L						
CO56					H		H			H	H	
CO57			H		H				H			H
CO58		L				H						
CO59						L	L					
CO60	H					L						
CO61	H							L				H
CO62										H		
CO63						L			H			H
CO64		H	H		H							H
CO65	H			H	H		H			L	L	
CO66		H					H				H	
CO67	H		H			H			H			H
CO68	H		L		L			L				
CO69		H							H			
CO70			L	L	L				H			
CO71			L				L					
CO72	H					L		L				
CO73		H					H					
CO74	H											L
CO75		L				H			L			
CO76		H										H
CO77												L
CO78						H			L			H
CO79		H					E					
CO80	H							L			H	
CO81							H	H				
CO82				L			L	L				
CO83				L					H			
CO84						H						
CO85						L						H
CO86					H			L	L			
CO87	H	H	H									
CO88	H					L						
CO89				L	L	L						
CO90	H					L			H			
CO91		H			H							
CO92					L			H				
CO93		H						H				
CO94	H					H				L		L
CO95			H						H	H	H	
CO96		H				L	H					H

H: Strong Mapping

L: Weak Mapping

Blank: No Mapping

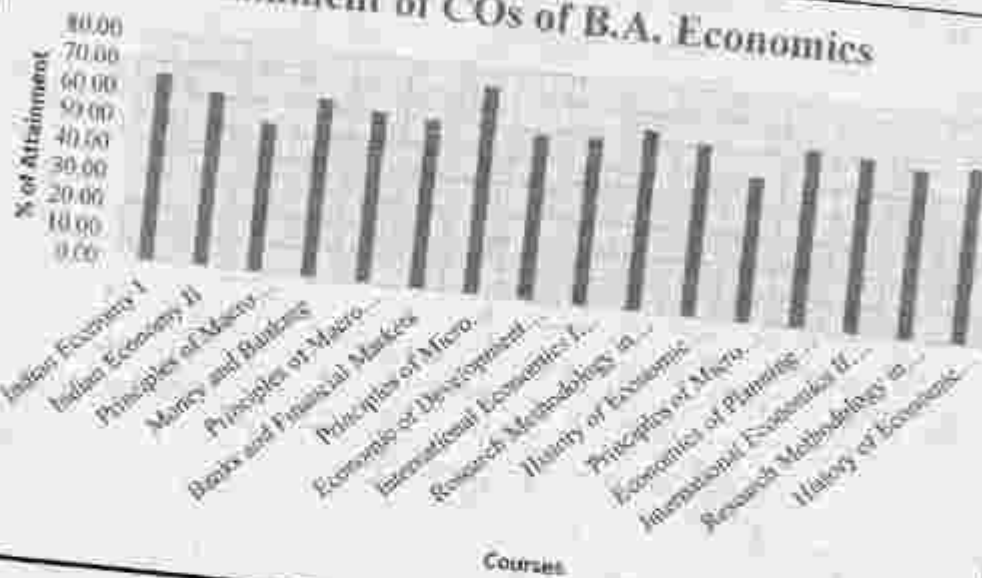
Direct Attainment: Exam Results: 80 %

Indirect Attainment (Course End Survey): 20 %


Head,
Department of Economics
Dr. Patangrao Kadam Mahavidyal:
Ramanandnagar (Burl)


Principal,
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burl)
Tal. Palus, Dist. Sangli.

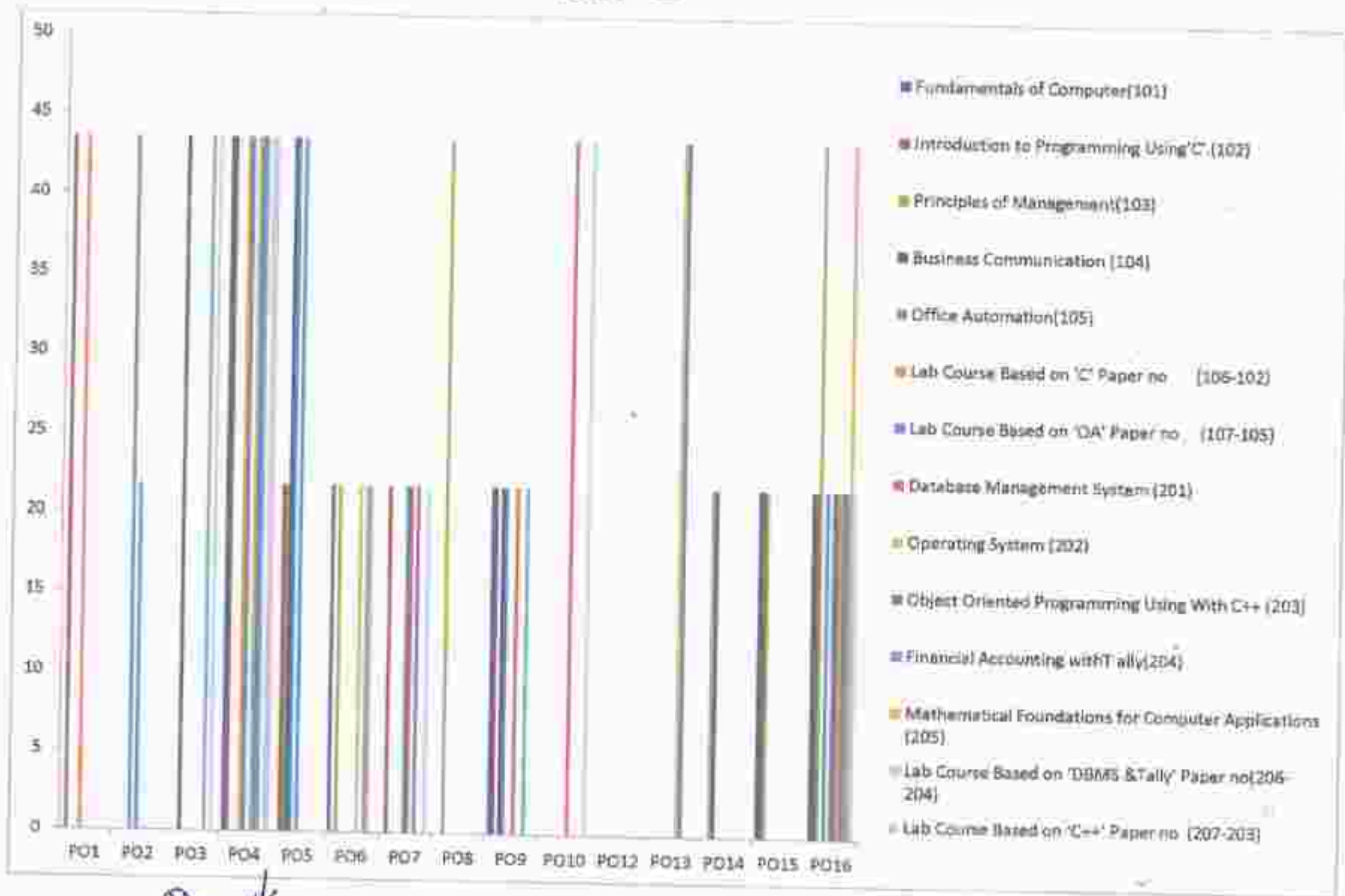
Attainment of COs of B.A. Economics




for Head,
Department of Economics
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burl)


Principal,
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burl)
Tal. Palus, Dist. Sangli.

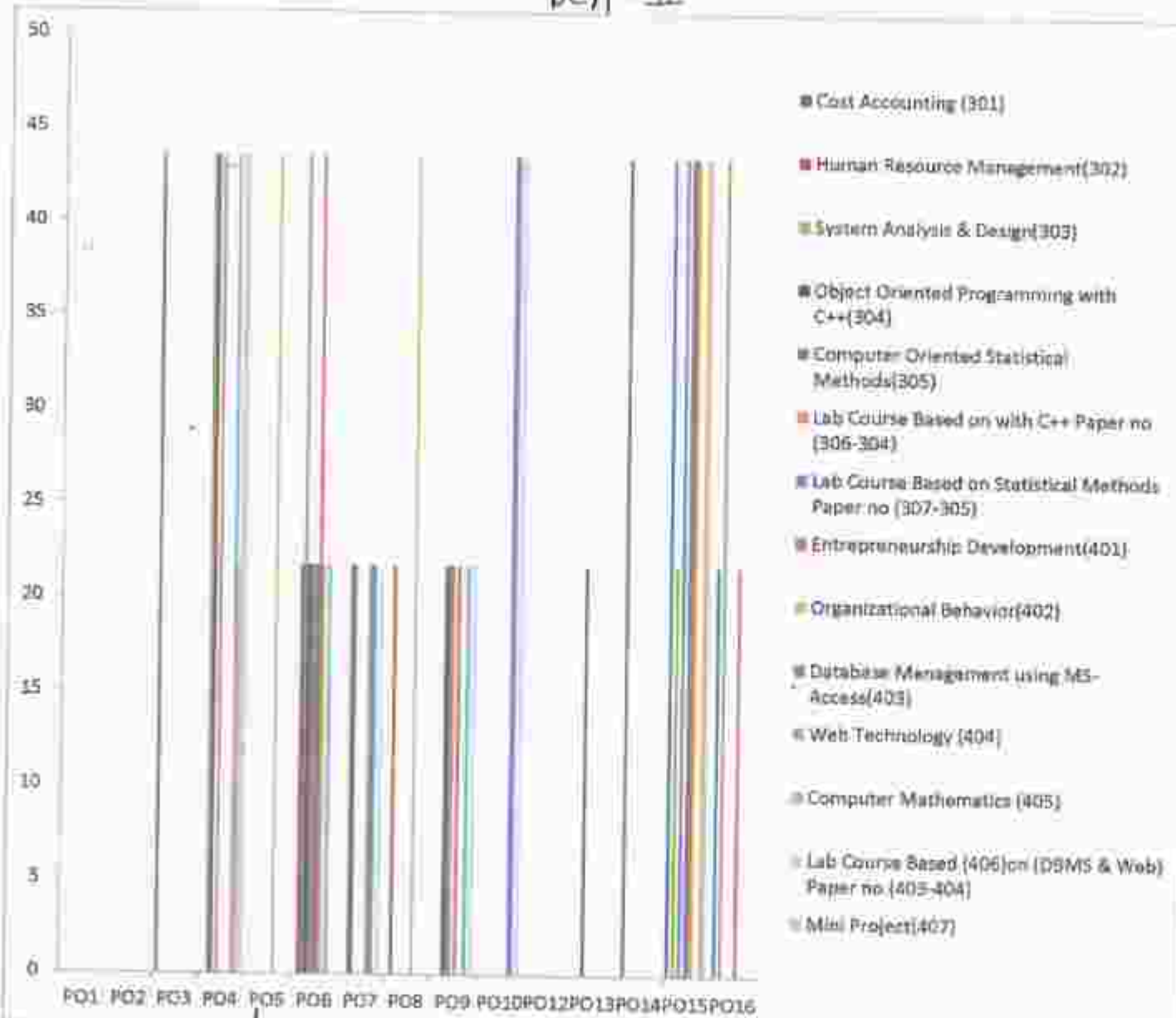
BCA- I



P. S. Kadam
Head of Dept.
 Department of Computer Application
 Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Burl)

P. S. Kadam
Dr. Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Burl),
 Tal. Palus, Dist. Sangli.

BCA - II



[Signature]
Head of Dept.

Department of Computer Applications
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Boriv)

[Signature]
Principal,

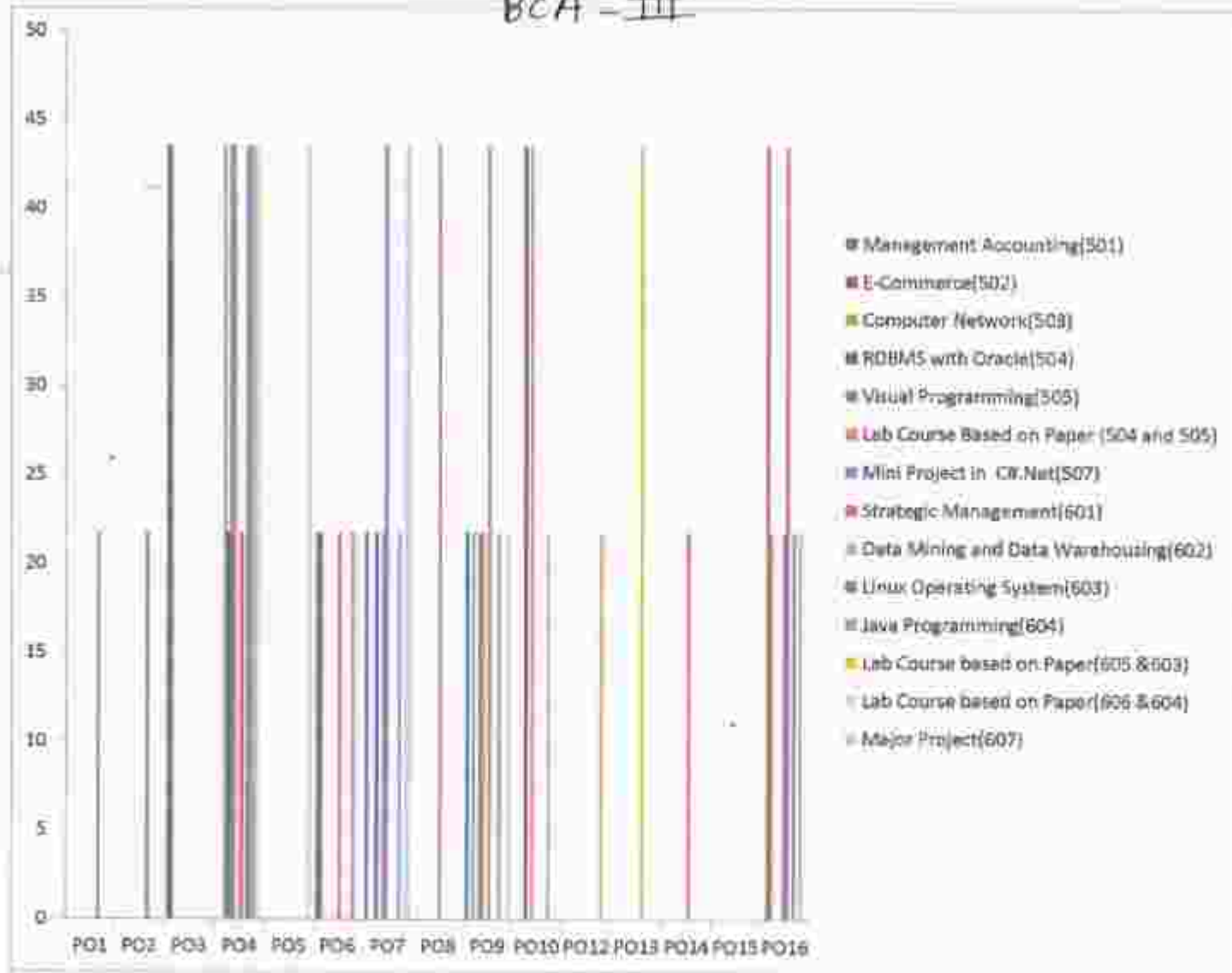
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Boriv)
Tal. Palus, Dist. Sangli.

Rajaw Shikshan Samstha's
Dr. Patangrao Kadam Mahavidyalya Ramanandanagar (Burl)

Department Of BCA
Programme Articulation Matrix-2020-21
BCA-III

Sr. No.	CLASS	Subject Name & Course Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO12	PO13	PO14	PO15	PO16
1	BCA-III	Management Accounting(501)			43.55			21.77	21.77		21.77						
2	BCA-III	E-Commerce(502)			43.55			21.77									
3	BCA-III	Computer Network(503)				43.55											43.55
4	BCA-III	RDBMS with Oracle(504)				21.77					21.77						21.77
5	BCA-III	Visual Programming(505)							21.77			43.55					
6	BCA-III	Lab Course Based on Paper (504 and 505)				43.55			21.77		21.77	43.55					
7	BCA-III	Mini Project in C#.Net(507)															
8	BCA-III	Strategic Management(601)							43.55								21.77
9	BCA-III	Data Mining and Data Warehousing(602)				21.77		21.77		43.55	43.55				21.77		43.55
10	BCA-III	Linux Operating System(603)	21.77	21.77		43.55											
11	BCA-III	Java Programming(604)															21.77
12	BCA-III	Lab Course based on Paper(605 &603)				43.55			21.77		21.77	21.77					
13	BCA-III	Lab Course based on Paper(606 &604)				43.55		21.77	43.55				21.77				21.77
14	BCA-III	Major Project(607)					43.55		43.55		21.77						43.55

BCA - III



(Signature)

Head of Dept.

Department of Computer Application
Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burl)

(Signature)

Principal

Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burl)
Tal. Palus, Dist. Sangli.

13.	BCA-I	Lab Course Based on 'DBMS & Tally' Paper no(206-204)			43,55	43,55			21,77			43,55			21,77
14.	BCA-I	Lab Course Based on 'C++' Paper no (207-203)				43,55			21,77						
15.	BCA-II	Cost Accounting (301)			43,55									43,55	21,77
16.	BCA-II	Human Resource Management(302)						21,77		21,77				43,55	
17.	BCA-II	System Analysis & Design(303)			43,55	43,55	21,77							21,77	43,55
18.	BCA-II	Object Oriented Programming with C++(304)			43,55		21,77	21,77		21,77			21,77		
19.	BCA-II	Computer Oriented Statistical Methods(305)						21,77			21,77				43,55
20.	BCA-II	Lab Course Based on with C++ Paper no (306-304)			43,55		21,77				21,77				
21.	BCA-II	Lab Course Based on Statistical Methods Paper no (307-305)						21,77							43,55
22.	BCA-II	Entrepreneurship Development(401)					43,55				21,77			43,55	21,77
23.	BCA-II	Organizational Behavior(402)				43,55	21,77	21,77	43,55					43,55	
24.	BCA-II	Database Management using MS-Access(403)							21,77			43,55			
25.	BCA-II	Web Technology (404)			43,55		21,77	21,77		21,77		43,55			
26.	BCA-II	Computer Mathematics (405)			21										43,55
27.	BCA-II	Lab Course Based (406)on (DBMS & Web) Paper no (403-404)			43,55			21,77		21,77		43,55			43,55
28.	BCA-II	Mini Project(407)			43,55		21,77								
29.	BCA-III	Management Accounting(501)			43,55			21,77	21,77		21,77				

30.	BCA-III	E-Commerce(502)			43,55		21,77										43,55
31.	BCA-III	Computer Network(503)			43,55				21,77								21,77
32.	BCA-III	RDBMS with Oracle(504)			21,77			21,77			43,55						
33.	BCA-III	Visual Programming(505)			43,55				21,77								
34.	BCA-III	Lab Course Based on Paper (504 and 505)			43,55			21,77		21,77	43,55						
35.	BCA-III	Mini Project on C# Net(507)						43,55									21,77
36.	BCA-III	Strategic Management(601)			21,77		21,77			43,55	43,55				21,77		43,55
37.	BCA-III	Data Mining and Data Warehousing(602)												43,55			
38.	BCA-III	Linux Operating System(603)	21,77	21,77	43,55												21,77
39.	BCA-III	Java Programming(604)			43,55			21,77		21,77	21,77						
40.	BCA-III	Lab Course based on Paper(605 &603)			43,55		21,77					21,77					21,77
41.	BCA-III	Lab Course based on Paper(606 &604)			43,55		21,77	43,55									
42.	BCA-III	Major Project(607)				43,55		43,55		21,77							43,55

H-Strong Mapping(High)

L-Weak Mapping(Low)

Blank-No Mapping



Head of Department
Department of BCA


No. Dataseng, ...
P. ...



Principal

...
P. ...
Tel. P. ...

CO193				43.55										21.77
CO194				43.55										21.77
CO195				21.77										21.77
CO196				21.77										21.77
CO197		21.77		43.55										
CO198	21.77			43.55										
CO199				43.55		21.77								
CO200				21.77		21.77								
CO201				21.77					21.77					
CO202				21.77				21.77						
CO203				21.77				21.77						
CO204				21.77				21.77						
CO205				43.55										21.77
CO206				21.77					21.77					
CO207				21.77	21.77									
CO208				43.55										21.77
CO209				43.55	21.77									
CO210				21.77		43.55								
CO211				43.55		21.77								
CO212				43.55		21.77								
CO213						43.55								21.77
CO214						43.55		21.77						
CO215						43.55		21.77						
CO216						43.55								21.77
CO217				43.55										
CO218						21.77								43.55
AVG	21.77	21.77	37.61	34.98	43.55	21.77	29.39	32.66	23.33	39.59	21.77	43.55	21.77	24.74


 Head of Department
 Department of Education
 Government of Karnataka
 Department of ECA
 Dr. Patangrao Kadam Mahavidyalaya
 Ramnandnagar (Surti)


 Principal
 Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Surti)
 Tal. Palus, Dist. Sangli.

CO198	L			H															
CO199				H			L												
CO200				L			L												
CO201				L							L								
CO202				L							L								
CO203				L							L								
CO204				L							L								
CO205				H															L
CO206				L											L				
CO207				L			L												
CO208				H															L
CO209				H			L												
CO210				L					H										
CO211				H					L										
CO212				H					L										
CO213									H										L
CO214									H		L								
CO215									H		L								
CO216									H										L
CO217						H													
CO218									L										H


Head of Department
Department of BCA
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Burla)


Principal
 (Dr. Patangrao Kadam Mahavidyalaya, Ramnandnagar)
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Burla)
 Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's

**Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)**

Department of Geography
Attainment of CO & PO

Sr. No.	COs	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	
1	CO1	Physical Geography P. I	40.20		40.20		40.20		40.20		
2	CO2			40.20		78.26		40.20		78.26	
3	CO3				78.26	78.26				78.26	78.26
4	CO4		78.26					40.20			40.20
5	CO5			78.26	78.26				78.26	78.26	
6	CO6		78.26			78.26	78.26				78.26
7	CO7	Human Geography P. II	78.26	40.36	40.36		78.26	40.36	40.36		
8	CO8		40.36			40.36	40.36				40.36
9	CO9			78.26	78.26	78.26			78.26	78.26	78.26
10	CO10		78.26					78.26			
11	CO11		40.36	78.26	40.36	40.36	40.36	78.26	78.26	40.36	40.36
12	CO12		78.26					78.26			
13	CO13	Soil Geography P. III	75.48	75.48	42.76	75.48	75.48	75.48	42.76	75.48	
14	CO14			42.76		42.76			42.76		42.76
15	CO15		75.48		75.48	42.76	75.48			75.48	42.76
16	CO16		42.76						42.76		
17	CO17		75.48		75.48	42.76	75.48			75.48	42.76
18	CO18		42.76				75.48	42.76			75.48
19	CO19	Recourse	75.48	42.76	75.48		75.48	42.76	75.48		

20	CO20	Geography P. IV	75.48			42.76	75.48			42.76
21	CO21			42.76	42.76	75.48		42.76	42.76	75.48
22	CO22				75.48	42.76		75.48		42.76
23	CO23		42.76	75.48		42.76	42.76	75.48		42.76
24	CO24	Oceanography P. V	75.48		42.76		75.48		42.76	
25	CO25			75.48	75.48	42.76		75.48	75.48	42.76
26	CO26		42.76		75.48	42.76	42.76		75.48	42.76
27	CO27		75.48	75.48		42.76	75.48	75.48		42.76
28	CO28			42.76	75.48			42.76	75.48	
29	CO29		75.48		42.76	42.76	75.48		42.76	42.76
30	CO30		75.48	75.48		75.48	75.48	75.48		75.48
31	CO31	Agriculture Geography P. VI		77.13	39.72	77.13		77.13	39.72	77.13
32	CO32		39.72		77.13	39.72	39.72		77.13	39.72
33	CO33		77.13			77.13	77.13			77.13
34	CO34	Evolution of Geographical Thought P. VII		39.72	77.13	77.13		39.72	77.13	77.13
35	CO35		39.72		39.72	77.13	39.72		39.72	77.13
36	CO36		77.13	39.72		39.72	77.13	39.72		39.72
37	CO37			39.72		77.13		39.72		77.13
38	CO38		77.13		77.13		77.13		77.13	
39	CO39	Geography of India P. VIII	62.89	41.28	62.89	62.89	62.89	41.28	62.89	62.89
40	CO40			41.28		62.89		41.28		62.89
41	CO41		62.89		62.89	41.28	62.89		62.89	41.28
42	CO42		41.28	41.28		62.89	41.28	41.28		62.89
43	CO43		41.28	41.28	62.89		41.28	41.28	62.89	
44	CO44	Population Geography	41.28			62.89	41.28			62.89
45	CO45			62.89				62.89		

46	CO46	P. IX	62.89		41.28	62.89	62.89		41.28	62.89
47	CO47		62.89	41.28		41.28	62.89	41.28		41.28
48	CO48			62.89		62.89		62.89		62.89
49	CO49		41.28		41.28		41.28		41.28	
50	CO50	Economic Geography of India	77.85	77.85		36.42	77.85	77.85		36.42
51	CO51			36.42	36.42			36.42	36.42	
52	CO52	P. X	77.85			77.85	77.85			77.85
53	CO53		77.85		77.85		77.85		77.85	
54	CO54			77.85		77.85		77.85		77.85
55	CO55		Urban Geography	36.42		77.85		36.42		77.85
56	CO56	P. XI		77.85		77.85		77.85		77.85
57	CO57		36.42	36.42	77.85		36.42	36.42	77.85	
58	CO58			77.85		77.85		77.85		77.85
59	CO59		36.42		36.42		36.42		36.42	
60	CO60		Political Geography P. XII	73.61			73.61	73.61		
61	CO61			73.61		73.61		73.61		73.61
62	CO62		73.61		37.78		73.61		37.78	
63	CO63		73.61			37.78	73.61			37.78
64	CO64			73.61		37.78		73.61		37.78
65	CO65		37.78		73.61		37.78		73.61	
66	CO66	Basic of Map Making And map Interpretation	42.12			42.12	42.12			42.12
67	CO67				89.3				89.3	
68	CO68	P. XIII	42.12		89.3	42.12	42.12		89.3	42.12
69	CO69		42.12		89.3		42.12		89.3	
70	CO70		Advanced		89.3	89.3			89.3	89.3

71	CO71	tools and techniques and field work	42.12		42.12	89.3	42.12		42.12	89.3
72	CO72		89.3		89.3		89.3		89.3	
73	CO73	Paper XIV		42.12		89.3		42.12		89.3
74	CO74		89.3		42.12		89.3		42.12	
75	CO75		89.3	42.12	89.3	42.12	89.3	42.12	89.3	42.12
76	CO76		Science Technology and Development	85.45			33.55	85.45		
77	CO77			33.55	85.45			33.55	85.45	
78	CO78		33.55	85.45	85.45		33.55	85.45	85.45	
79	CO79	Generic Elective Paper I	85.45		85.45	33.55	85.45		85.45	33.55
80	CO80		33.55	85.45	85.45		33.55	85.45	85.45	
81	CO81	Concepts in tourism Geography Generic Elective Paper I	69.4		38.38	69.4	69.4		38.38	69.4
82	CO82				38.38				38.38	
83	CO83			38.38	38.38			38.38	38.38	
84	CO84		69.4	69.4	69.4	38.38	69.4	69.4	69.4	38.38
85	CO85		69.4		38.38		69.4		38.38	



Head,
Department of Geography
Ramanandnagar (Burti)



Principal
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burti)

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam College, Ramanandnagar (Burli)
Department of Geography
2020-21

CIOs and their Mapping with Pos

Course Learning Outcomes	Programme Outcomes (Pos)							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	L		L		L		L	
CO2		L		H		L		H
CO3			H	H			H	H
CO4	H			L	H			L
CO5		H	H			H	H	
CO6	H			H	H			H
CO7	H	L	L		H	L	L	
CO8	L			L	L			L
CO9		H	H	H		H	H	H
CO10	H				H			
CO11	L	H	L	L	L	H	L	L
CO12	H				H			
CO13	H	H	L	H	H	H	L	H
CO14		L		L		L		L
CO15	H		H	L	H		H	L
CO16		L				L		
CO17	H		H	L	H		H	L
CO18	L			H	L			H
CO19	H	L	H		H	L	H	
CO20	H			L	H			L
CO21		L	L	H		L	L	H
CO22			H	L			H	L
CO23	L	H		L	L	H		L
CO24	H		L		H		L	
CO25		H	H	L		H	H	L
CO26	L		H	L	L		H	L
CO27	H	H		L	H	H		L
CO28		L	H			L	H	
CO29	H		L	L	H		L	L
CO30	H	H		H	H	H		H
CO31		H	L	H		H	L	H
CO32	L		H	L	L		H	L
CO33	H			H	H			H
CO34		L	H	H		L	H	H
CO35	L		L	H	L		L	H
CO36	H	L		L	H	L		L
CO37		L		H		L		H
CO38	H		H		H		H	

CO39	H	L	H	H	H	L	H	H
CO40		L		H		L		H
CO41	H		H	L	H		H	L
CO42	L	L		H	L	L		H
CO43	L	L	H		L	L	H	
CO44	L			H	L			H
CO45		H				H		
CO46	H		L	H	H		L	H
CO47	H	L		L	H	L		L
CO48		H		H		H		H
CO49	L		L		L		L	
CO50	H	H		L	H	H		L
CO51		L	L			L	L	
CO52	H			H	H			H
CO53	H		H		H		H	
CO54		H		H		H		H
CO55	L		H		L		H	
CO56		H		H		H		H
CO57	L	L	H		L	L	H	
CO58		H		H		H		H
CO59	L		L		L		L	
CO60	H			H	H			H
CO61		H		H		H		H
CO62	H		L		H		L	
CO63	H			L	H			L
CO64		H		L		H		L
CO65	L		H		L		H	
CO66	L			L	L			L
CO67		H				H		
CO68	L		H	L	L		H	L
CO69	L		H		L		H	
CO70		H	H			H	H	
CO71	L		L	H	L		L	H
CO72	H		H		H		H	
CO73		L		H		L		H
CO74	H		L		H		L	
CO75	H	L	H	L	H	L	H	L
CO76	H			L	H			L
CO77		L	H			L	H	
CO78	L	H	H		L		H	
CO79	H		H	L	H		H	L
CO80	L	H	H		L		H	
CO81	H		L	L	H		L	L

CO82	H		L	H	H		L	
CO83		L	L			L	L	
CO84	H	H	H	L	H	H	H	
CO85	H		L		H		L	

H - Strong Mapping

L - Weak Mapping

No Mapping


for Head.

Department of Geography


Principal.

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Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Department of Commerce

Attainment of CO & PO

Sr. No.	COs	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	CO1	Principles of Marketing P. I	40.20	78.26	78.26	40.20		40.20	78.26	40.20	78.26	78.26	40.20
2	CO2		40.20	40.20				78.26	78.26		40.20		40.20
3	CO3			78.26			40.20	40.20	78.26	40.20	40.20		
4	CO4			78.26	40.20		40.20	40.20	78.26	78.26	40.20		
5	CO5		78.26	78.26	40.20			40.20	40.20		78.26		
6	CO6		40.20	78.26									
7	CO7	Principles of Marketing P. II	78.26	40.36									
8	CO8		78.26	40.36		78.26			78.26	40.36		78.26	40.36
9	CO9		40.36	78.26	78.26			40.36		40.36			
10	CO10		78.26	40.36		78.26			78.26	40.36			
11	CO11		40.36	78.26	78.26	40.36		40.36		40.36		78.26	40.36

12	CO12		78.26	40.36		78.26			78.26	40.36	78.26	78.26	40.36
13	CO13	Insurance P. I	42.76	42.76		75.48			75.48	42.76	75.48	75.48	42.76
14	CO14		42.76	75.48	75.48	42.76		42.76		42.76	75.48	75.48	42.76
15	CO15		42.76	75.48	75.48	42.76		75.48	75.48	42.76		42.76	
16	CO16		75.48	42.76		75.48	42.76	42.76		75.48			75.48
17	CO17		42.76	75.48	75.48	42.76		75.48	75.48	42.76		42.76	
18	CO18		42.76	42.76		75.48	42.76	42.76		75.48			75.48
19	CO19	Insurance P. II	42.76	75.48	75.48	42.76	42.76	42.76	75.48	75.48	42.76	42.76	75.48
20	CO20		42.76	75.48	75.48	42.76		42.76		42.76	75.48	75.48	42.76
21	CO21		75.48	42.76		75.48			75.48	42.76		75.48	42.76
22	CO22		42.76	75.48	75.48			42.76		42.76			
23	CO23		75.48	42.76		75.48			75.48	42.76			
24	CO24		42.76	75.48	75.48	42.76		42.76		42.76		75.48	42.76
25	CO25	Management Principles & Application P. I			39.72	77.13	77.13	39.72		39.72		39.72	77.13
26	CO26		39.72	39.72		77.13			77.13	39.72	77.13	77.13	39.72
27	CO27		39.72	77.13	77.13	39.72		39.72		39.72	77.13	77.13	39.72
28	CO28		39.72	77.13	77.13	39.72		77.13	77.13	39.72		39.72	

29	CO29		77.13	39.72		77.13	39.72	39.72		77.13			77.13
30	CO30		39.72	77.13	77.13	39.72		77.13	77.13	39.72		39.72	
31	CO31	Management Principles & Application P. II	39.72	39.72		77.13	39.72	39.72		77.13			77.13
32	CO32		77.13	77.13	77.13	77.13		77.13	39.72	39.72		77.13	77.13
33	CO33		39.72	77.13	77.13	39.72		39.72		39.72	77.13	77.13	39.72
34	CO34		77.13	39.72		77.13			77.13	39.72		77.13	39.72
35	CO35		39.72	77.13	77.13			39.72		39.72			
36	CO36		39.72	77.13	39.72	77.13	77.13	39.72		77.13	77.13	39.72	
37	CO37	Financial Accounting P. I	41.28	62.89	41.28	62.89	62.89	41.28		62.89	62.89	41.28	
38	CO38		41.28	41.28	41.28	41.28		62.89	41.28	41.28		62.89	
39	CO39								41.28				
40	CO40		41.28	62.89	41.28	62.89	62.89	41.28		41.28		41.28	62.89
41	CO41		62.89	62.89	62.89	41.28		62.89			62.89	41.28	
42	CO42		41.28	62.89	41.28	41.28		41.28		41.28		41.28	
43	CO43	Financial Accounting P. I	62.89	41.28	62.89	41.28		62.89			62.89	41.28	
44	CO44		41.28	62.89	41.28	62.89	62.89	41.28		41.28		41.28	
45	CO45		62.89	41.28	62.89	41.28		62.89			62.89	41.28	62.89


46	CO46						41.28	62.89	62.89	41.28		41.28	
47	CO47		41.28	41.28	41.28	41.28		62.89			62.89	41.28	62.89
48	CO48		41.28	62.89	41.28	62.89	62.89	41.28		41.28		41.28	62.89
49	CO49	Corporate Accounting P. I	36.42	77.85	77.85	36.42		77.85	36.42	77.85	36.42	77.85	77.85
50	CO50		77.85	36.42		77.85	36.42	36.42	77.85	36.42	77.85	36.42	
51	CO51		36.42	77.85	77.85	36.42		77.85	36.42	77.85	36.42	77.85	77.85
52	CO52		36.42	36.42		77.85	41.28	41.28	41.28	41.28	41.28	41.28	
53	CO53								41.28				
54	CO54		41.28	77.85	77.85	36.42		36.42	36.42	77.85	36.42	77.85	77.85
55	CO55	Corporate Accounting P. II	77.85	36.42		77.85		77.85	36.42	77.85	36.42		
56	CO56		36.42	77.85	77.85			36.42	36.42	77.85	36.42	77.85	77.85
57	CO57		77.85	36.42		77.85			77.85	36.42	77.85	36.42	
58	CO58		36.42	77.85	77.85	36.42		36.42	36.42	77.85	36.42	77.85	77.85
59	CO59		77.85	36.42		77.85			77.85	36.42	77.85	36.42	
60	CO60				36.42	77.85	77.85	36.42					77.85
61	CO61	Fundamental of Entrepreneurs89.3ip	37.78	73.61	73.61	37.78		73.61	73.61	37.78		73.61	
62	CO62		73.61	37.78		73.61	37.78	37.78		73.61			73.61

63	CO63	P. I.	37.78	73.61	73.61	37.78		73.61	73.61	37.78		73.61	
64	CO64		37.78	37.78		73.61	37.78	37.78		73.61			73.61
65	CO65							37.78				37.78	
66	CO66		37.78	73.61	73.61	37.78		37.78		37.78	73.61	37.78	73.61
67	CO67	Fundamental of Entrepreneurs	73.61	37.78		73.61			73.61	37.78		73.61	
68	CO68	P. II	37.78	73.61	73.61			37.78					37.78
69	CO69		73.61	37.78		73.61			73.61	73.61		73.61	37.78
70	CO70		37.78	73.61	73.61	37.78		37.78					73.61
71	CO71		73.61	37.78		73.61			73.61	37.78	73.61	73.61	
72	CO72				37.78	73.61	73.61	37.78		37.78			73.61
73	CO73	Advanced Accountancy Paper I	42.12	89.3	89.3	42.12		42.12		42.12	89.3		
74	CO74		89.3	89.3	89.3	42.12		42.12	89.3	89.3	42.12	89.3	89.3
75	CO75							42.12					
76	CO76		89.3	89.3	89.3	89.3	42.12		89.3		42.12		89.3
77	CO77									89.3			
78	CO78		42.12	89.3	89.3	42.12		89.3	42.12	89.3	89.3	42.12	
79	CO79	Advanced	89.3	42.12		89.3	42.12	42.12	89.3	42.12		89.3	42.12

80	CO80	Accountancy Paper III	42.12	89.3	89.3	42.12		89.3	42.12	89.3	89.3	42.12	
81	CO81		42.12	42.12		89.3	42.12	42.12				89.3	42.12
82	CO82								42.12	42.12			
83	CO83		42.12	89.3	89.3	42.12		42.12	42.12	89.3	89.3	42.12	
84	CO84		89.3	42.12		89.3			89.3	42.12		89.3	
85	CO85	Advanced Accountancy Paper II	69.4	38.38					69.4	38.38		69.4	
86	CO86		38.38	69.4	69.4			38.38	38.38	69.4	69.4	38.38	
87	CO87		69.4	38.38					69.4	38.38		69.4	
88	CO88				38.38		69.4	38.38			38.38	69.4	69.4
89	CO89		38.38	38.38		69.4			38.38	38.38		69.4	
90	CO90		38.38	69.4	69.4	38.38		38.38	38.38	69.4	69.4	38.38	
91	CO91	Advanced Accountancy Paper IV	38.38		69.4	38.38		69.4	38.38	69.4	69.4	38.38	
92	CO92		69.4			69.4	38.38	38.38	69.4	38.38		69.4	38.38
93	CO93		38.38	69.4	69.4	38.38		69.4	38.38	69.4	69.4	38.38	
94	CO94		38.38	38.38		69.4	38.38	38.38	38.38	38.38		69.4	38.38
95	CO95												
96	CO96		38.38	69.4	69.4	38.38		38.38	38.38	69.4	69.4	38.38	

97	CO97	Business Regulatory Framework P.I	42.56	80.6	80.6	42.56		80.6	42.56	80.6	42.56	80.6	80.6
98	CO98		80.6	42.56		80.6	42.56	42.56	80.6	42.56	80.6	42.56	
99	CO99		42.56		80.6	42.56		80.6	42.56	80.6	42.56	80.6	80.6
100	CO100		42.56			80.6	42.56	42.56	42.56	42.56	42.56	42.56	
101	CO101												
102	CO102		42.56	80.6	80.6	42.56		42.56	42.56	80.6	42.56	80.6	80.6
103	CO103	Business Regulatory Framework P.II	80.6	42.56		80.6			80.6	42.56	80.6	42.56	
104	CO104		42.56	80.6	80.6			42.56	42.56	80.6	42.56	80.6	80.6
105	CO105		80.6	42.56		80.6			80.6	42.56	80.6	42.56	
106	CO106		42.56	80.6	80.6	42.56		42.56	42.56	80.6	42.56	80.6	80.6
107	CO107		42.56	80.6	80.6	42.56		80.6	80.6	42.56		42.56	
108	CO108		80.6	42.56		80.6	42.56	42.56		80.6			80.6
109	CO109	Modern Management Practices P.I	42.56	73.4	73.4			73.4	73.4	56.58		56.58	
110	CO110		56.58	56.58		73.4	56.58	56.58		73.4			73.4
111	CO111		56.58	73.4	73.4	56.58		73.4	56.58	73.4	73.4	56.58	
112	CO112		73.4	56.58		73.4	56.58	56.58	73.4	56.58		73.4	56.58
113	CO113		56.58	73.4	73.4	56.58		73.4	56.58		73.4	56.58	

114	CO114		56.58	56.58		73.4	56.58		56.58			73.4	56.58
115	CO115	Modern Management Principles P.II	56.58	73.4	73.4	56.58	56.58	73.4	56.58	73.4	73.4	56.58	
116	CO116		73.4	56.58		73.4	73.4	56.58	73.4	56.58		73.4	56.58
117	CO117		56.58	73.4	73.4	56.58	56.58	73.4	56.58	73.4	73.4	56.58	
118	CO118		56.58	56.58		73.4	56.58	56.58	56.58	56.58		73.4	56.58
119	CO119		56.58	73.4	73.4	56.58		73.4	56.58	73.4	73.4	56.58	
120	CO120		73.4	56.58		73.4	56.58	56.58	73.4	56.58		73.4	56.58


 Head,
 Department of Commerce


 Principal
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramnandnagar (Burla)

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
 Department of English
 2020-21
 POs and COs Attainment Mapping

Bachelor of Arts

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.A. -I Ability Enhancement Compulsory Course(AECC 1) English for Communication (Compulsory English)	66.12	66.12	72.14	66.12	66.12	60.11	72.14	66.12	60.11	66.12
Discipline Specific Core (DSC-A3) (English Paper-I) Modern Indian Writing in English Translation	67.22	61.61	67.22	56.01	61.61	61.61	56.01	50.41	67.22	67.22
Core Generic Elective (CGE-15) (Additional English) (Paper-I) An Introduction to Literature: Poetry	65.30	65.30	48.97	43.53	48.97	48.97	48.97	38.09	48.97	65.30
B.A. -II Ability Enhancement Compulsory Course(AECC) English for Communication (Compulsory English)	64.89	64.89	64.89	64.89	54.07	54.07	64.89	64.89	64.89	64.89
Discipline Specific Core (DSC-C5) (English Paper-III) Semester-III Literature and Cinema	70.71	70.71	53.03	58.92	58.12	47.13	58.12	58.12	53.03	70.71
Discipline Specific Core (DSC-C6) (English Paper-IV) Semester-III Partition Literature	64.66	64.66	64.66	59.27	59.27	59.27	48.49	43.10	64.66	64.66
B.A. -III Ability Enhancement Compulsory Course(AECC) English for Communication (Compulsory English)	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
Discipline Specific Elective (DSE-E11) (English Paper-VII) Semester-V (DSE-E136) (English Paper-XII) Semester-VI Introduction to Literary Criticism	64.34	64.34	58.97	58.97	58.97	58.97	37.52	48.25	64.34	64.34
Discipline Specific Elective (DSE-E12) (English Paper-VIII) Semester-V	67.96	67.96	67.96	62.29	56.63	50.97	50.97	45.30	67.96	67.96

(DSE-E137) (English Paper- XIII) Semester-VI English Poetry											
Discipline Specific Elective (DSE-E13) (English Paper-IX) Semester-V (DSE-E138) (English Paper- XIV) Semester-VI English Drama	77.71	66.23	66.23	64.75	58.28	51.80	51.80	58.28	77.71	77.71	
Discipline Specific Elective (DSE-E14) (English Paper-X) Semester-V (DSE-E139) (English Paper- XV) Semester-VI English Novel	65.91	65.91	65.91	65.91	65.91	43.93	49.43	49.43	65.91	65.91	
Discipline Specific Elective (DSE-E15) (English Paper-XI) Semester-V (DSE-E140) (English Paper- XVI) Semester-VI Language and Linguistics	67.15	67.15	39.16	39.16	39.16	39.16	39.16	39.16	67.15	67.15	

Bachelor of Arts

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	H	H	H	H	H	L	H	H	H	H
CO2	H	H	H	L	L	L	H	H	H	H
CO3	L	L	H	H	H	H	H	H	L	L
CO4	H	H	H	H	H	H	H	H	H	H
CO5	H	H	H	H	H	H	H	H	H	H
CO6	H	H	H	H	H	H	H	L	L	H
CO7	H	H	H	H	H	H	L	H	H	H
CO8	H	H	H	H	H	H	H	L	H	H
CO9	H	H	H	H	H	H	H	H	H	H
CO10	H	L	H	L	H	H	L	L	H	H
CO11	H	H	H	L	L	L	H	L	H	H
CO12	H	H	H	H	H	H	H	H	H	H
CO13	H	H	H	L	L	L	H	L	H	H
CO14	H	H	H	H	H	H	H	L	L	H
CO15	H	H	H	L	H	H	L	L	H	H
CO16	H	H	L	L	L	L	L	L	L	H
CO17	H	H	L	L	L	L	L	L	L	H
CO18	H	H	L	H	H	L	H	H	H	H
CO19	H	H	M	H	H	L	H	H	H	H

CO20	H	H	H	H	F	H	H	H	H	H
CO21	H	H	H	H	L	H	H	H	H	H
CO22	H	H	H	H	H	H	H	H	H	H
CO23	H	H	H	H	H	H	H	H	H	H
CO24	H	H	H	H	H	F	H	H	H	H
CO25	H	H	L	L	L	L	H	H	L	H
CO26	H	H	L	L	L	L	H	H	L	H
CO27	H	H	H	H	H	F	H	H	H	H
CO28	H	H	L	H	H	L	L	L	H	H
CO29	H	H	H	H	H	H	L	H	H	H
CO30	H	H	H	H	H	H	H	F	L	H
CO31	H	H	H	H	H	H	F	L	H	H
CO32	H	H	H	H	H	H	L	L	H	H
CO33	H	H	H	H	H	H	L	F	H	H
CO34	H	H	H	H	H	H	H	H	H	H
CO35	H	H	H	H	H	H	H	H	H	H
CO36	H	H	H	L	L	L	H	L	H	H
CO37	H	H	H	H	H	H	H	H	H	H
CO38	H	H	H	H	H	F	H	H	H	H
CO39	H	H	H	H	H	H	H	H	H	H
CO40	H	H	H	H	H	H	H	H	H	H
CO41	H	H	H	H	H	H	H	H	H	H
CO42	H	H	H	H	H	H	H	H	H	H
CO43	H	H	H	H	H	H	L	H	H	H
CO44	H	H	H	H	H	H	F	H	H	H
CO45	H	H	H	H	H	H	L	L	H	H
CO46	H	H	H	H	H	H	H	H	H	H
CO47	H	H	H	H	H	H	F	F	H	H
CO48	H	H	L	L	L	L	L	L	H	H
CO49	H	H	H	H	H	L	L	L	H	H
CO50	H	H	H	H	H	H	H	F	H	H
CO51	H	H	H	H	L	H	H	H	H	H
CO52	H	H	H	H	H	H	H	H	H	H
CO53	H	H	H	H	H	F	L	F	H	H
CO54	H	H	H	L	L	L	L	L	H	H
CO55	H	H	H	L	L	L	L	H	H	H
CO56	H	H	H	H	H	H	H	H	H	H
CO57	H	H	H	H	H	L	F	L	H	H
CO58	H	L	L	H	L	H	H	H	H	H
CO59	H	H	H	H	H	F	L	F	H	H
CO60	H	H	H	L	L	L	F	L	H	H
CO61	H	H	H	H	H	L	L	L	H	H
CO62	H	H	H	H	H	H	H	H	H	H
CO63	H	H	H	H	H	L	F	L	H	H
CO64	H	H	H	H	H	L	L	L	H	H

CO65	H	H	H	H	H	L	H	H	H	H
CO66	H	H	H	H	H	H	H	H	H	H
CO67	H	H	H	H	H	H	H	H	H	H
CO68	H	H	L	L	L	L	L	L	H	H
CO69	H	H	L	L	L	L	L	L	H	H
CO70	H	H	L	L	L	L	L	L	H	H
CO71	H	H	L	L	L	L	L	L	H	H
CO72	H	H	L	L	L	L	L	L	H	H

H - Strong Mapping L - Weak Mapping No Mapping

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	72.14	72.14	72.14	72.14	72.14	36.07	72.14	72.14	72.14	72.14
CO2	72.14	72.14	72.14	36.07	36.07	36.07	72.14	72.14	72.14	72.14
CO3	36.07	36.07	72.14	72.14	72.14	72.14	72.14	72.14	36.07	36.07
CO4	72.14	72.14	72.14	72.14	72.14	72.14	72.14	72.14	72.14	72.14
CO5	72.14	72.14	72.14	72.14	72.14	72.14	72.14	72.14	72.14	72.14
CO6	72.14	72.14	72.14	72.14	72.14	72.14	72.14	36.07	36.07	72.14
AVG.	66.12	66.12	72.14	66.12	66.12	60.11	72.14	66.12	60.11	66.12
CO7	67.22	67.22	67.22	67.22	67.22	67.22	33.61	67.22	67.22	67.22
CO8	67.22	67.22	67.22	67.22	67.22	67.22	67.22	33.61	67.22	67.22
CO9	67.22	67.22	67.22	67.22	67.22	67.22	67.22	67.22	67.22	67.22
CO10	67.22	33.61	67.22	33.61	67.22	67.22	33.61	33.61	67.22	67.22
CO11	67.22	67.22	67.22	33.61	33.61	33.61	67.22	33.61	67.22	67.22
CO12	67.22	67.22	67.22	67.22	67.22	67.22	67.22	67.22	67.22	67.22
AVG.	67.22	61.61	67.22	56.01	61.61	61.61	56.01	50.41	67.22	67.22
CO13	65.30	65.30	65.30	32.65	32.65	32.65	65.30	32.65	65.30	65.30
CO14	65.30	65.30	65.30	65.30	65.30	65.30	65.30	32.65	32.65	65.30
CO15	65.30	65.30	65.30	32.65	65.30	65.30	32.65	32.65	65.30	65.30
CO16	65.30	65.30	32.65	32.65	32.65	32.65	32.65	32.65	32.65	65.30
CO17	65.30	65.30	32.65	32.65	32.65	32.65	32.65	32.65	32.65	65.30
CO18	65.30	65.30	32.65	65.30	65.30	32.65	65.30	65.30	65.30	65.30
AVG.	65.30	65.30	48.97	43.53	48.97	48.97	48.97	38.09	48.97	65.30
CO19	64.89	64.89	64.89	64.89	64.89	32.44	64.89	64.89	64.89	64.89
CO20	64.89	64.89	64.89	64.89	32.44	64.89	64.89	64.89	64.89	64.89
CO21	64.89	64.89	64.89	64.89	32.44	64.89	64.89	64.89	64.89	64.89
CO22	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89
CO23	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89
CO24	64.89	64.89	64.89	64.89	64.89	32.44	64.89	64.89	64.89	64.89
AVG.	64.89	64.89	64.89	64.89	54.07	54.07	64.89	64.89	64.89	64.89
CO25	70.71	70.71	35.35	35.35	35.35	35.35	70.71	70.71	35.35	70.71

CO26	70.71	70.71	35.35	35.35	35.35	35.35	70.71	70.71	35.35	70.71
CO27	70.71	70.71	70.71	70.71	70.71	35.35	70.71	70.71	70.71	70.71
CO28	70.71	70.71	35.35	70.71	70.71	35.35	35.35	35.35	70.71	70.71
CO29	70.71	70.71	70.71	70.71	70.71	70.71	35.35	70.71	70.71	70.71
CO30	70.71	70.71	70.71	70.71	70.71	70.71	70.71	35.35	35.35	70.71
AVG.	70.71	70.71	53.03	58.92	58.12	47.13	58.12	58.12	53.03	70.71
CO31	64.66	64.66	64.66	64.66	64.66	64.66	32.33	32.33	64.66	64.66
CO32	64.66	64.66	64.66	64.66	64.66	64.66	32.33	32.33	64.66	64.66
CO33	64.66	64.66	64.66	64.66	64.66	64.66	32.33	32.33	64.66	64.66
CO34	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66
CO35	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66
CO36	64.66	64.66	64.66	32.33	32.33	32.33	64.66	32.33	64.66	64.66
AVG.	64.66	64.66	64.66	59.27	59.27	59.27	48.49	43.10	64.66	64.66
CO37	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
CO38	73.78	73.78	73.78	73.78	73.78	36.89	73.78	73.78	73.78	73.78
CO39	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
CO40	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
CO41	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
CO42	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
AVG.	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78	73.78
CO43	64.34	64.34	64.34	64.34	64.34	64.34	32.16	64.34	64.34	64.34
CO44	64.34	64.34	64.34	64.34	64.34	64.34	32.16	64.34	64.34	64.34

CO45	64.34	64.34	64.34	64.34	64.34	64.34	32.16	32.16	64.34	64.34
CO46	64.34	64.34	64.34	64.34	64.34	64.34	64.34	64.34	64.34	64.34
CO47	64.34	64.34	64.34	64.34	64.34	64.34	32.16	32.16	64.34	64.34
CO48	64.34	64.34	32.16	32.16	32.16	32.16	32.16	32.16	64.34	64.34
AVG.	64.34	64.34	58.97	58.97	58.97	58.97	37.52	48.25	64.34	64.34
CO49	67.96	67.96	67.96	67.96	67.96	33.98	33.98	33.98	67.96	67.96
CO50	67.96	67.96	67.96	67.96	67.96	67.96	67.96	33.98	67.96	67.96
CO51	67.96	67.96	67.96	67.96	33.98	67.96	67.96	67.96	67.96	67.96
CO52	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96
CO53	67.96	67.96	67.96	67.96	67.96	33.98	33.98	33.98	67.96	67.96
CO54	67.96	67.96	67.96	33.98	33.98	33.98	33.98	33.98	67.96	67.96
AVG.	67.96	67.96	67.96	62.29	56.63	50.97	50.97	45.30	67.96	67.96
CO55	77.71	77.71	77.71	38.85	38.85	38.85	38.85	77.71	77.71	77.71
CO56	77.71	77.71	77.71	77.71	77.71	77.71	77.71	77.71	77.71	77.71
CO57	77.71	77.71	77.71	77.71	77.71	38.85	38.85	38.85	77.71	77.71
CO58	77.71	38.85	38.85	77.71	38.85	77.71	77.71	77.71	77.71	77.71
CO59	77.71	77.71	77.71	77.71	77.71	38.85	38.85	38.85	77.71	77.71
CO60	77.71	77.71	77.71	38.85	38.85	38.85	38.85	38.85	77.71	77.71
AVG.	77.71	66.23	66.23	64.75	58.28	51.80	51.80	58.28	77.71	77.71
CO61	65.91	65.91	65.91	65.91	65.91	32.95	32.95	32.95	65.91	65.91
CO62	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91
CO63	65.91	65.91	65.91	65.91	65.91	32.95	32.95	32.95	65.91	65.91
CO64	65.91	65.91	65.91	65.91	65.91	32.95	32.95	32.95	65.91	65.91
CO65	65.91	65.91	65.91	65.91	65.91	32.95	65.91	65.91	65.91	65.91
CO66	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91
AVG.	65.91	65.91	65.91	65.91	65.91	49.93	49.43	49.43	65.91	65.91
CO67	67.15	67.15	67.15	67.15	67.15	67.15	67.15	67.15	67.15	67.15
CO68	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15
CO69	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15
CO70	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15
CO71	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15
CO72	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15
AVG.	67.15	67.15	39.16	39.16	39.16	39.16	39.16	39.16	67.15	67.15

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 Department of English
 2020-21
POs and COs Attainment Mapping

Bachelor of Science

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Sc. –I Ability Enhancement Compulsory Course(AECC A) English for Communication (Compulsory English)	79.60	72.96	79.60	72.96	72.96	66.33	79.60	72.96	66.33	79.60
B.Sc. –III Ability Enhancement Compulsory Course (AECC) English for Communication (Compulsory English)	69.30	63.52	69.30	57.75	63.52	63.52	57.75	51.97	69.30	69.30

Bachelor of Science

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO73	H	H	H	H	H	L	H	H	H	H
CO74	H	H	H	L	L	L	H	H	H	H
CO75	L	L	H	H	H	H	H	H	L	L
CO76	H	H	H	H	H	H	H	H	H	H
CO77	H	H	H	H	H	H	H	H	H	H
CO78	H	H	H	H	H	H	H	L	L	H
CO79	H	H	H	H	H	H	L	H	H	H
CO80	H	H	H	H	H	H	H	L	H	H
CO81	H	H	H	H	H	H	H	H	H	H
CO82	H	L	H	L	H	H	L	L	H	H
CO83	H	H	H	L	L	L	H	L	H	H
CO84	H	H	H	H	H	H	H	H	H	H

H - Strong Mapping L - Weak Mapping No Mapping

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO73	79.60	79.60	79.60	79.60	79.60	39.80	79.60	79.60	79.60	79.60
CO74	79.60	79.60	79.60	39.80	39.80	39.80	79.60	79.60	79.60	79.60
CO75	79.60	39.80	79.60	79.60	79.60	79.60	79.60	79.60	39.80	79.60
CO76	79.60	79.60	79.60	79.60	79.60	79.60	79.60	79.60	79.60	79.60
CO77	79.60	79.60	79.60	79.60	79.60	79.60	79.60	79.60	79.60	79.60
CO78	79.60	79.60	79.60	79.60	79.60	79.60	79.60	39.80	39.80	79.60
AVG.	79.60	72.96	79.60	72.96	72.96	66.33	79.60	72.96	66.33	79.60
CO79	69.30	69.30	69.30	69.30	69.30	69.30	34.65	69.30	69.30	69.30
CO80	69.30	69.30	69.30	69.30	69.30	69.30	69.30	34.65	69.30	69.30
CO81	69.30	69.30	69.30	69.30	69.30	69.30	69.30	69.30	69.30	69.30
CO82	69.30	34.65	67.22	34.65	67.22	67.22	34.65	34.65	69.30	69.30
CO83	69.30	69.30	69.30	34.65	34.65	34.65	69.30	34.65	69.30	69.30
CO84	69.30	69.30	69.30	69.30	69.30	69.30	69.30	69.30	69.30	69.30
AVG.	69.30	63.52	69.30	57.75	63.52	63.52	57.75	51.97	69.30	69.30

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Department of English

2020-21

POs and COs Attainment Mapping

Bachelor of Commerce

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
B.Com. -I Ability Enhancement Compulsory Course(AECC-1) English for Business Communication (Compulsory English)	62.84	62.84	68.56	62.84	62.84	57.13	68.56	62.84	57.13	62.84
B.Com. -II Ability Enhancement Compulsory Course (AECC) English for Business Communication (Compulsory English)	64.28	58.92	64.28	53.56	58.92	58.92	53.56	53.56	64.28	64.28

Bachelor of Commerce

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	H	H	H	H	H	L	H	H	H	H
CO2	H	H	H	L	L	L	H	H	H	H
CO3	L	L	H	H	H	H	H	H	L	L
CO4	H	H	H	H	H	H	H	H	H	H
CO5	H	H	H	H	H	H	H	H	H	H
CO6	H	H	H	H	H	H	H	L	L	H
CO7	H	H	H	H	H	H	L	H	H	H
CO8	H	H	H	H	H	H	H	L	H	H
CO9	H	H	H	H	H	H	H	H	H	H
CO10	H	L	H	L	H	H	L	L	H	H
CO11	H	H	H	L	L	L	H	L	H	H
CO12	H	H	H	H	H	H	H	H	H	H

H - Strong Mapping L - Weak Mapping No Mapping

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	68.56	68.56	68.56	68.56	68.56	34.28	68.56	68.56	68.56	68.56
CO2	68.56	68.56	68.56	34.28	34.28	34.28	68.56	68.56	68.56	68.56
CO3	34.28	34.28	68.56	68.56	68.56	68.56	68.56	68.56	34.28	34.28
CO4	68.56	68.56	68.56	68.56	68.56	68.56	68.56	68.56	68.56	68.56
CO5	68.56	68.56	68.56	68.56	68.56	68.56	68.56	68.56	68.56	68.56
CO6	68.56	68.56	68.56	68.56	68.56	68.56	68.56	34.28	34.28	72.14
AVG.	62.84	62.84	68.56	62.84	62.84	57.13	68.56	62.84	57.13	62.84
CO7	64.28	64.28	64.28	64.28	64.28	64.28	32.14	64.28	64.28	64.28
CO8	64.28	64.28	64.28	64.28	64.28	64.28	64.28	32.14	64.28	64.28
CO9	64.28	64.28	64.28	64.28	64.28	64.28	64.28	64.28	64.28	64.28
CO10	64.28	32.14	64.28	32.14	64.28	64.28	32.14	32.14	64.28	64.28
CO11	64.28	64.28	64.28	32.14	32.14	32.14	67.22	64.28	64.28	64.28
CO12	64.28	64.28	64.28	64.28	64.28	64.28	64.28	64.28	64.28	64.28
AVG.	64.28	58.92	64.28	53.56	58.92	58.92	53.56	53.56	64.28	64.28

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Department of English



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Principal

Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)

Rajat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burla)
 Tal-Palus, Dist. - Sangli
 Department of Hindi 2020 - 21

Sr. No.	Class	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	B.A. I	71204/71245	हिंदी (अभ्यास)	79.78			79.78		39.89		79.78	79.78	
2	B.A. I	71115/71245	हिंदी (सामान्य)	79.78	79.78	39.89		75.78			79.78	39.89	79.78
3	B.A. II	71348	अभ्यासपूर्ण (सर्वांगीण) हिंदी साहित्य	39.89		79.78			39.89		39.89	79.78	
4	B.A. II	71349	हिंदी साहित्य व सामान्य भाषाशास्त्र		79.78			39.89	79.78	79.78		39.89	
5	B.A. II	71345	सामान्य हिंदी	39.89	79.78			39.89	79.78	79.78		79.78	
6	B.A. II	71410	अभ्यासपूर्ण हिंदी और हिंदी व्याकरण	79.78	39.89				39.89		79.78		79.78
7	B.A. III	71551/71751	हिंदी साहित्य का अन्वेषण		39.89	79.78	39.89				79.78	79.78	
8	B.A. III	71552/71752	साहित्यशास्त्र	79.78	79.78		79.78		39.89		79.78		79.78
9	B.A. III	71553/71753	हिंदी साहित्य का इतिहास	39.89	79.78			79.78		79.78		39.89	
10	B.A. III	71554/71754	अभ्यासपूर्ण हिंदी	79.78		39.89		59.89	79.78		79.78	79.78	
11	B.A. III	71555/71755	सामान्य हिंदी और हिंदी व्याकरण	79.78	39.89		79.78	79.78			39.89		79.78

H - Strong Mapping (High)
 L - Weak Mapping (Low)
 Blank - No Mapping



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Tal-Palus, Dist - Sangli
Department of Hindi 2020 - 21

Course Outcome	Program Outcome									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	H			H		L		H	H	
CO2	H	H	L		H			H	L	H
CO3	L		H			L		L	H	
CO4		H			L	H	H		L	
CO5	L	H			L	H	H		H	
CO6	H	L				L	L	H		H
CO7		L	H	L			L	H	H	
CO8	H	H		H		L		H		H
CO9	L	H			H		H		L	
CO10	H		L		L	H		H	H	
CO11	H	L		H	H			L		H
CO12	H			H		L		H	H	
CO13	H	H	L		H			H	L	H
CO14	L		H			L		L	H	
CO15		H			L	H	H		L	
CO16	L	H			L	H	H		H	
CO17	H	L				L	L	H		H
CO18		L	H	L			L	H	H	
CO19	H	H		H		L		H		H
CO20	L	H			H		H		L	
CO21	H		L		L	H		H	H	
CO22	H	L		H	H			L		H
CO23	H			H		L		H	H	
CO24	H	H	L		H			H	L	H
CO25	L		H			L		L	H	
CO26	H			H		L		H	H	
CO27	H	H	L		H			H	L	H
CO28	L		H			L		L	H	
CO29		H			L	H	H		L	
CO30	L	H			L	H	H		H	
CO31	H	L				L	L	H		H
CO32		L	H	L			L	H	H	
CO33	H	H		H		L		H		H
CO34	L	H			H		H		L	
CO35	H		L		L	H		H	H	
CO36	H	L		H	H			L		H
CO37	H			H		L		H	H	
CO38	H	H	L		H			H	L	H
CO39	L		H			L		L	H	
CO40		H			L	H	H		L	

CO41	L	H								
CO42	H	L			L	H	H		H	
CO43		L	H	L		L	L	H		H
CO44	H	H		H		L		H	H	
CO45	L	H			H		H		L	
CO46	H		L		L	H		H	H	
CO47	H	L		H	H			L		H
CO48	H			H		L		H	H	
CO49	H	H	L		H			H	L	H
CO50	L		H			L		L	H	
CO51		H			L	H	H		L	
CO52	L	H			L	H	H		H	
CO53	H	L				L	L	H		H
CO54		L	H	L			L	H	H	
CO55	H	H		H		L		H		H
CO56	L	H			H		H		L	
CO57	H		L		L	H		H	H	
CO58	H	L		H	H			L		H
CO59	H			H		L		H	H	
CO60	H	H	L		H			H	L	H
CO61	L		H			L		L	H	
CO62		H			L	H	H		L	
CO63	L	H			L	H	H		H	
CO64	H	L				L	L	H		H
CO65		L	H	L			L	H	H	
CO66	H	H		H		L		H		H
CO67	L	H			H		H		L	
CO68	H		L		L	H		H	H	
CO69	H	L		H	H			L		H
CO70	H			H		L		H	H	
CO71	H	H	L		H			H	L	H
CO72	L		H			L		L	H	
CO73		H			L	H	H		L	

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Tal-Palus, Dist.- Sangli
Department of Hindi
2020 - 21

Course Outcome	Program Outcome									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	79.78			79.78		39.89		79.78	79.78	
CO2	79.78	79.78	39.89		79.78			79.78	39.89	79.78
CO3	39.89		79.78			39.89		39.89	79.78	
CO4		79.78			39.89	79.78	79.78		39.89	
CO5	39.89	79.78			39.89	79.78	79.78		79.78	
CO6	79.78	39.89				39.89	39.89	79.78		79.78
CO7		39.89	79.78	39.89			39.89	79.78	79.78	
CO8	79.78	79.78		79.78		39.89		79.78		79.78
CO9	39.89	79.78			79.78		79.78		39.89	
	62.68	68.38	66.48	66.48	59.84	53.19	63.82	73.13	62.68	79.78
CO10	79.78		39.89		39.89	79.78		79.78	79.78	
CO11	79.78	39.89		79.78	79.78			39.89		79.78
CO12	79.78			79.78		39.89		79.78	79.78	
CO13	79.78	79.78	39.89		79.78			79.78	39.89	79.78
CO14	39.89		79.78			39.89		39.89	79.78	
CO15		79.78			39.89	79.78	79.78		39.89	
CO16	39.89	79.78			39.89	79.78	79.78		79.78	
	66.48	69.81	53.19	79.78	55.85	63.82	79.78	63.82	66.48	79.78
CO17	79.78	39.89				39.89	39.89	79.78		79.78
CO18		39.89	79.78	39.89			39.89	79.78	79.78	
CO19	79.78	79.78		79.78		39.89		79.78		79.78
CO20	39.89	79.78			79.78		79.78		39.89	
CO21	79.78		39.89		39.89	79.78		79.78	79.78	
CO22	79.78	39.89		79.78	79.78			39.89		79.78
	71.80	55.85	59.84	66.48	66.48	53.19	53.19	71.80	66.48	79.78
CO23	79.78			79.78		39.89		79.78	79.78	
CO24	79.78	79.78	39.89		79.78			79.78	39.89	79.78
CO25	39.89		79.78			39.89		39.89	79.78	
CO26	79.78			79.78		39.89		79.78	79.78	
CO27	79.78	79.78	39.89		79.78			79.78	39.89	79.78
CO28	39.89		79.78			39.89		39.89	79.78	
	66.48	79.78	59.84	79.78	79.78	39.89		66.48	66.48	79.78
CO29		79.78			39.89	79.78	79.78		39.89	
CO30	39.89	79.78			39.89	79.78	79.78		79.78	
CO31	79.78	39.89				39.89	39.89	79.78		79.78
CO32		39.89	79.78	39.89			39.89	79.78	79.78	
CO33	79.78	79.78		79.78		39.89		79.78		79.78
CO34	39.89	79.78			79.78		79.78		39.89	
	59.84	66.48	79.78	59.84	53.19	59.84	63.82	79.78	59.84	79.78
CO35	79.78		39.89		39.89	79.78		79.78	79.78	
CO36	79.78	39.89		79.78	79.78			39.89		79.78
CO37	79.78			79.78		39.89		79.78	79.78	
CO38	79.78	79.78	39.89		79.78			79.78	39.89	79.78
CO39	39.89		79.78			39.89		39.89	79.78	
CO40		79.78			39.89	79.78	79.78		39.89	

CO41	71.80	66.48	53.19	79.78	59.84	59.84	79.78	63.82	63.82	79.78
CO42	39.89	79.78			39.89	79.78	79.78		79.78	
CO43	79.78	39.89				39.89	39.89	79.78		79.78
CO44	79.78	39.89	79.78	39.89			39.89	79.78	79.78	
CO45	39.89	79.78		79.78		39.89		79.78		79.78
CO46	79.78				79.78		79.78		39.89	
CO47	79.78	39.89			39.89	79.78		79.78	79.78	
CO48	79.78			79.78	79.78			39.89		79.78
				79.78		39.89		79.78	79.78	
CO49	68.38	59.84	59.84	69.81	59.84	55.85	59.84	73.13	71.80	79.78
CO50	79.78	79.78	39.89		79.78			79.78	39.89	79.78
CO51	39.89		79.78			39.89		39.89	79.78	
		79.78				39.89	79.78	79.78		39.89
CO52	39.89	79.78			39.89	79.78	79.78		79.78	
CO53	79.78	39.89				39.89	39.89	79.78		79.78
CO54		39.89	79.78	39.89			39.89	79.78	79.78	
	59.84	63.82	66.48	39.89	53.19	59.84	59.84	69.81	63.82	79.78
CO55	79.78	79.78		79.78		39.89		79.78		79.78
CO56	39.89	79.78			79.78		79.78		39.89	
CO57	79.78		39.89		39.89	79.78		79.78	79.78	
CO58	79.78	39.89		79.78	79.78			39.89		79.78
CO59	79.78			79.78		39.89		79.78	79.78	
CO60	79.78	79.78	39.89		79.78			79.78	39.89	79.78
	73.13	69.81	39.89	79.78	69.81	53.19	79.78	71.80	59.84	79.78
CO61	39.89		79.78			39.89		39.89	79.78	
CO62		79.78				39.89	79.78	79.78		39.89
CO63	39.89	79.78				39.89	79.78	79.78		79.78
CO64	79.78	39.89				39.89	39.89	79.78		79.78
CO65		39.89	79.78	39.89			39.89	79.78	79.78	
CO66	79.78	79.78		79.78		39.89		79.78		79.78
CO67	39.89	79.78			79.78		79.78		39.89	
	55.85	66.48	79.78	59.84	53.19	55.85	63.82	69.81	63.82	79.78
CO68	79.78		39.89			39.89	79.78		79.78	
CO69	79.78	39.89		79.78	79.78			39.89		79.78
CO70	79.78			79.78		39.89		79.78	79.78	
CO71	79.78	79.78	39.89		79.78			79.78	39.89	79.78
CO72	39.89		79.78			39.89		39.89	79.78	
CO73		79.78				39.89	79.78	79.78	39.89	
	71.80	66.48	53.19	79.78	59.84	59.84	79.78	63.82	63.82	79.78

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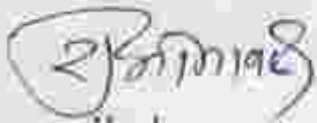
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Tal-Palis, Dist. - Sangli
Department of History

Course Outcomes	Program Outcome									
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	H			H		L		H	H	
CO2	H	H	L		H			H	L	H
CO3	L		H			L		L	H	
CO4		H			L	H	H		L	
CO5	L	H		L	L	H	H		H	
CO6	H	L				L	L	H		H
CO7		L	H	L			L	H	H	
CO8	H	H		H		L		H		H
CO9	L	H			H		H		L	
CO10	H		L		L	H		H	H	
CO11	H	L		H	H			L		H
CO12	H			H		L		H	H	
CO13	H	H	L		H			H	L	H
CO14	L		H			L		L	H	
CO15		H			L	H	H		L	
CO16	L	H			L	H	H		H	
CO17	H	L				L	L	H		H
CO18		L	H	L			L	H	H	
CO19	H	H		H		L		H		H
CO20	L	H			H		H		L	
CO21	H		L		L	H		H	H	
CO22	H	L		H	H			L		H
CO23	H			H		L		H	H	
CO24	H	H	L		H			H	L	H
CO25	L		H			L	H	L	H	
CO26	H			H		L		H	H	
CO27	H	H	L		H			H	L	H
CO28	L		H			L		L	H	
CO29		H			L	H	H		L	
CO30	L	H			L	H	H		H	
CO31	H	L				L	L	H		H
CO32		L	H	L			L	H	H	
CO33	H	H		H		L		H		H
CO34	L	H			H		H		L	
CO35	H		L		L	H		H	H	
CO36	H	L		H	H			L		H
CO37	H			H		L		H	H	
CO38	H	H	L		H			H	L	H
CO39	L		H			L		L	H	
CO40		H		H	L	H	H		L	
CO41	L	H			L	H	H		H	
CO42	H	L				L	L	H		H
CO43		L	H	L			L	H	H	
CO44	H	H		H		L		H		H
CO45	L	H			H		H		L	

CO46	H		L		L	H		H	H	H
CO47	H	L		H	H			L		
CO48	H			H		L		H	H	H
CO49	H	H	L		H			L	L	H
CO50	L		H			L		L	H	
CO51		H		L	L	H	H		L	
CO52	L	H			L	H	H		H	
CO53	H	L				L	L	H		H
CO54		L	H	L			L	H	H	
CO55	H	H		H		L		H		H
CO56	L	H			H		H		L	
CO57	H		L		L	H		H	H	
CO58	H	L		H	H			L		H
CO59	H			H		L		H	H	
CO60	H	H	L		H			H	L	H
CO61	L		H			L		L	H	
CO62		H		H	L	H	H		L	
CO63	L	H			L	H	H		H	
CO64	H	L				L	L	H		H
CO65		L	H	L			L	H	H	
CO66	H	H		H		L		H		H
CO67	L	H			H		H		L	
CO68	H		L		L	H		H	H	
CO69	H	L		H	H			L		H
CO70	H			H		L		H	H	
CO71	H	H	L		H			H	L	H
CO72	L		H			L		L	H	
CO73		H		L	L	H	H		L	
CO74	L	H			L	H	H		H	
CO75	H	L				L	L	H		H
CO76		L	H	L			L	H	H	
CO77	H	H		H		L		H		H
CO78	L	H			H		H		L	
CO79	H		L		L	H		H	H	
CO80	H	L		H	H			L		H
CO81	H			H		L		H	H	
CO82	H	H	L		H			H	L	H
CO83	L		H			L		L	H	
CO84		H			L	H	H		L	
CO85	L	H		H	L	H	H		H	
CO86	H	L				L	L	H		H
CO87		L	H	L			L	H	H	
CO88	H	H		H		L		H		H
CO89	L	H			H		H		L	
CO90	H		L		L	H		H	H	
CO91	H	L		H	H			L		H
CO92	H			H		L		H	H	
CO93	H	H	L		H			H	L	H
CO94	L		H			L		L	H	
CO95		H			L	H	H		L	
CO96	L	H		H	L	H	H		H	
CO97	H	L				L	L	H		
CO98	L		H	L		L		L	H	H
CO99		H			L	H	H		L	
CO100		H		H	L	H	H		L	

CO101	L	H	H		L	H	H		H	
CO102	H	L		H	H			L		H
CO103	H			H		L		H	H	
CO104	H	H	L		H			H	L	H
CO105		H			L	H	H		L	
CO106	L	H		H	L	H	H		H	
CO107		L	H	L			L	H	H	
CO108	H	H		H		L		H		H

H-Strong Mapping L-Weak Mapping Blank-No Mapping



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Tal-Palasa, Dist-Saughli
Department of History

Class	Subject	Course Outcomes	Program Outcome											
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10		
B.A.-I	Sem-I Semester I, Paper I: Rise of the Maratha Power (1600- 1707)	CO1	80.40			80.40		40.20		80.40	80.40			
		CO2	80.40	80.40	40.20		80.40				80.40	40.20	80.40	
		CO3	40.20		80.40				40.20		40.20	80.40		
		CO4		80.40			40.20	80.40	80.40			40.20		
		CO5	40.20	80.40		40.20	40.20	80.40	80.40			80.40		
		CO6	80.40	40.20			40.20	40.20	80.40	80.40			80.40	
	Average:			64.32	78.35	60.30	60.30	53.60	56.28	67.00	60.30	64.32	80.40	
	Semester II, Paper II: Polity, Society and Economy under the Marathas (1600-1707)	CO7		39.27	78.54	39.27				39.27	78.54	78.54		78.54
		CO8	78.54	78.54		78.54		39.27						
		CO9	39.27	78.54			78.54		39.27	78.54				
		CO10	78.54		39.27		39.27	78.54			78.54	78.54		
		CO11	78.54	39.27		78.54	78.54				39.27			78.54
		CO12	78.54			78.54		39.27			78.54	78.54		
	Average:			70.68	58.90	58.90	68.72	65.45	52.36	58.90	70.68	68.72	78.54	
B.A.-II	SEMESTER - III PAPER III- HISTORY OF MODERN MAHARASHTRA (1900-1947)	CO13	72.44	72.44	36.22		72.44				72.44	36.22	72.44	
		CO14	36.22		72.44				36.22		36.22	72.44		
		CO15		72.44					36.22	72.44	72.44		36.22	
		CO16	36.22	72.44				36.22	72.44	72.44			72.44	
		CO17	72.44	36.22					36.22	36.22	72.44		72.44	
		CO18		36.22	72.44	36.22				36.22	72.44	72.44		72.44
	Average:			54.33	57.95	60.36	36.22	72.44	54.33	54.33	63.38	57.95	72.44	
	SEMESTER - III PAPER IV/ HISTORY OF INDIA (1757-1857)	CO19	68.30	68.30		68.30			34.15		68.30		68.30	
		CO20	34.15	68.30						68.30			34.15	
		CO21	68.30		34.15			34.15	68.30		68.30	68.30		
		CO22	68.30	34.15		68.30	68.30					34.15	68.30	
		CO23	68.30			68.30			34.15		68.30	68.30		
		CO24	68.30	68.30	34.15		68.30				68.30	34.15	68.30	
	Average:			62.60	59.76	34.15	68.30	59.76	68.30	68.30	61.47	51.22	68.30	
	SEMESTER - IV PAPER VI, History of Freedom Struggle (1858-1947)	CO25	38.30		76.60				38.30	76.60	38.30	76.60		
		CO26	76.60			76.60								
		CO27	76.60	76.60	38.30		76.60				76.60	76.60		
		CO28	38.30		76.60				38.30			38.30	76.60	
CO29			76.60			38.30	76.60	76.60				38.30		
CO30		38.30	76.60			38.30	76.60	76.60				76.60		
Average:			53.62	78.60	63.83	76.60	51.08	53.62	76.60	57.45	63.83	76.60		
SEMESTER - IV PAPER V HISTORY OF MODERN MAHARASHTRA (1900- 2000)	CO31	74.20	37.10					37.10	37.10	74.20		74.20		
	CO32		37.10	74.20	37.10				37.10	74.20	74.20			
	CO33	74.20	74.20		74.20							74.20		
	CO34	37.10	74.20				74.20		74.20			37.10		
	CO35	74.20		37.10		37.10	74.20			74.20	74.20			
	CO36	74.20	37.10		74.20	74.20					37.10		74.20	
Average:			66.78	51.94	55.65	61.65	61.65	49.46	49.46	66.78	61.65	74.20		
SEMESTER V PAPER I HISTORY OF INDIA	CO37	64.20			64.20			32.10		64.20	64.20			
	CO38	64.20	64.20	32.10			64.20				32.10	64.20		
	CO39	32.10		64.20				32.10		32.10	64.20			
	CO40		64.20		64.20	32.10	64.20	64.20				32.10		

		CO41	37.10	64.20			32.10	64.20	64.20		64.20		64.20
		CO42	64.20	37.10				32.10	32.10	64.20	64.20		64.20
	Average:		51.36	74.90	48.15	64.20	42.80	44.94	53.50	74.90	51.36	64.20	
	SEMESTER IV (DS) PAPER-TE-SOCIAL REGION IN MAHARASHTRA	CO43		34.28	68.56	34.28				34.28	68.56		68.56
		CO44	68.56	68.56		68.56				68.56		34.28	
		CO45	34.28	68.56			68.56			68.56		68.56	
		CO46	68.56		34.28		34.28	68.56			34.28		68.56
		CO47	68.56	34.28		68.56	68.56			34.28		68.56	68.56
		CO48	68.56			68.56				34.28		68.56	68.56
	Average:		61.70	51.42	51.42	59.99	57.13	45.70	51.42	61.70	59.99	68.56	
										54.36	42.18	84.36	
B.A.-III	Semester - V, Course VII, Paper VII, Early India (from beginning to 4th c. BC)	CO49	84.36	84.36	42.18			84.36				42.18	84.36
		CO50	42.18		84.36					42.18			42.18
		CO51		84.36		42.18	42.18	84.36	84.36				84.36
		CO52	42.18	84.36			42.18	84.36	84.36				84.36
		CO53	84.36	42.18				42.18	42.18	84.36			84.36
		CO54		42.18	84.36	42.18			42.18	84.36	84.36		84.36
	Average:		63.27	67.48	70.30	42.15	56.24	63.27	63.27	73.81	67.48	84.36	82.28
	Semester V, Course/Paper No. VIII, History of Medieval India (1206-1526)	CO55	82.28	82.28		82.28			41.14		82.28		82.28
		CO56	41.14	82.28			82.28			82.28		41.14	
		CO57	82.28		41.14		41.14	82.28		82.28	82.28		82.28
		CO58	82.28	41.14		82.28	82.28			41.14		82.28	82.28
		CO59	82.28			82.28		41.14			82.28	41.14	82.28
		CO60	82.28	82.28	41.14		82.28			82.28	41.14	82.28	82.28
	Average:		75.42	71.99	41.14	82.28	71.99	54.85	82.28	74.52	61.71	82.28	82.28
	Semester V, Course/Paper No. IX, Age of Revolutions	CO61	40.60		81.20			40.60		40.60	81.20		81.20
		CO62		81.20		81.20	40.60	81.20	81.20			40.60	
		CO63	40.60	81.20			40.60	81.20	81.20			81.20	
		CO64	81.20	40.60				40.60	40.60	81.20			81.20
		CO65		40.60	81.20	40.60			40.60	81.20	81.20		81.20
		CO66	81.20	81.20		81.20		40.60		81.20		81.20	81.20
	Average:		60.90	64.96	81.20	67.66	40.60	56.84	60.90	71.05	71.05	81.20	81.20
	Semester V, Course/Paper No. X, Political History of the Marathas	CO67	42.74	85.48				85.48		85.48		42.74	
		CO68	85.48		42.74			42.74	85.48		85.48	85.48	
		CO69	85.48	42.74		85.48	85.48			42.74	85.48	85.48	
		CO70	85.48			85.48		42.74		85.48	42.74	85.48	
		CO71	85.48	85.48	42.74		85.48			42.74		85.48	85.48
		CO72	42.74		85.48			42.74		42.74	85.48		85.48
	Average:		56.98	71.23	56.98	85.48	74.79	56.98	85.48	68.38	68.38	85.48	85.48
	Semester V, Course/Paper No. XI, History: Its Theory	CO73		79.10		39.55	39.55	79.10	79.10			39.55	
		CO74	39.55	79.10			39.55	79.10	79.10			79.10	
		CO75	79.10	39.55				39.55	39.55	79.10	79.10		79.10
		CO76		39.55	79.10	39.55			39.55	79.10	79.10		79.10
		CO77	79.10	79.10		79.10		39.55		79.10		79.10	79.10
		CO78	39.55	79.10			79.10		79.10		39.55		79.10
	Average:		59.32	65.91	79.10	52.73	52.73	59.32	63.28	79.10	59.32	79.10	79.10
	Semester V, Course/Paper No. XII, Ancient India (From 4th c. BC to 7th AD)	CO79	83.26		41.63		41.63	83.26		83.26	83.26		83.26
		CO80	83.26	41.63		83.26	83.26			41.63		83.26	83.26
		CO81	83.26			83.26		41.63		83.26	83.26		83.26
		CO82	83.26	83.26	41.63		83.26			83.26	41.63	83.26	83.26
		CO83	83.26		83.26			41.63		41.63	83.26		83.26
		CO84		83.26			41.63	83.26	83.26		41.63		83.26
	Average:		74.93	69.38	55.50	83.26	62.44	62.44	83.26	66.60	66.60	83.26	83.26
	Semester V, Course/Paper No. XIII, History of Medieval India (1206-1526)	CO85	41.28	82.56		82.56	41.28	82.56	82.56			82.56	82.56
		CO86	82.56	41.28				41.28	41.28	82.56		82.56	82.56
		CO87		41.28	82.56	41.28				41.28	82.56	82.56	82.56
		CO88	82.56	82.56		82.56		41.28		82.56		82.56	82.56
		CO89	41.28	82.56			82.56		82.56		41.28		82.56
		CO90	82.56		41.28		41.28	82.56		82.56	82.56	82.56	82.56
	Average:		65.04	66.04	61.92	88.08	55.04	61.92	61.92	82.56	72.24	82.56	82.56

B.A.-III

Semester VI, Course Paper No. XIV Making of the Modern World (1945 to 1950 Context)	CO91	84.96	42.48		84.96	84.96			42.48		84.96
	CO92	84.96			84.96		42.48		84.96	84.96	84.96
	CO93	84.96	84.96	42.48		84.96			84.96	42.48	84.96
	CO94	42.48		84.96			42.48		42.48	84.96	
	CO95		84.96			42.48	84.96	84.96		42.48	
	CO96	42.48	84.96		84.96	42.48	84.96	84.96		84.96	
Average:		67.96	74.34	63.72	84.96	61.72	63.72	84.96	63.72	63.72	84.96
Semester VI, Course Paper No. XV -Econ. Economy and Society under the Marshall	CO97	80.14	40.07				40.07	40.07	80.14		80.14
	CO98	40.07		80.14	40.07		40.07		40.07	80.14	
	CO99		80.14			40.07	80.14	80.14		40.07	
	CO100		80.14		80.14	40.07	80.14	80.14		40.07	
	CO101	40.07	80.14	80.14		40.07	80.14	80.14		40.07	
	CO102	80.14	40.07		80.14	80.14			40.07		80.14
Average:		60.10	64.11	80.14	66.78	50.08	64.11	70.12	53.42	60.10	80.14
Semester VI, Course No. XVI -Methods and Applications of History	CO103	78.42			78.42		39.21		78.42	78.42	
	CO104	78.42	78.42	39.21		78.42			78.42	39.21	78.42
	CO105		78.42			39.21	78.42	78.42		39.21	
	CO106	39.21	78.42		78.42	80.21	78.42	78.42		78.42	
	CO107		39.21	78.42	78.42			39.21	78.42	78.42	
	CO108	78.42	78.42		78.42		39.21		78.42		78.42
Average:		68.61	70.57	58.81	68.61	57.28	58.81	55.35	78.42	47.05	78.42

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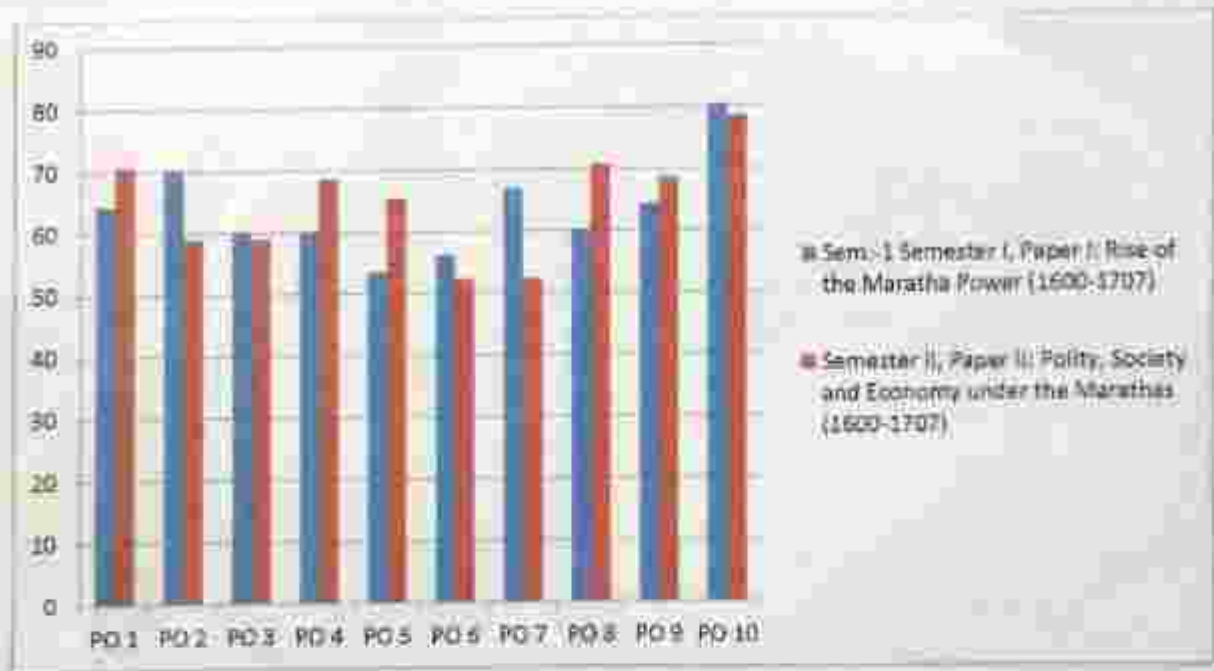
Sl. No.	Class	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10
1	B.A. I	Sem - I Semester I, Paper I: Rise of the Maratha Power (1600-1707)	68.82	70.35	69.70	69.30	69.60	66.28	67.00	66.20	68.52	69.40
2	B.A. I	Semester II, Paper II: Polity, Society and Economy under the Marathas (1600-1707)	70.68	68.86	68.80	68.72	65.44	67.38	68.90	70.68	68.72	78.54
3	B.A. I	SEMESTER - III PAPER III HISTORY OF MODERN MAHARASHTRA (1900 to 1947)	64.83	67.85	68.18	66.72	72.84	64.32	64.32	68.58	67.85	72.44
4	B.A. I	SEMESTER - III PAPER IV HISTORY OF INDIA (1757-1857)	62.40	59.78	64.15	66.30	65.78	68.30	68.50	61.47	51.22	68.30
5	B.A. I	SEMESTER - III PAPER I SOCIAL REFORMS IN INDIA	63.62	76.40	63.82	78.00	61.00	53.62	78.60	67.45	68.89	78.60
6	B.A. I	SEMESTER - IV PAPER V HISTORY OF MODERN MAHARASHTRA (1947-2000)	68.78	61.84	65.83	67.83	61.83	65.88	69.68	68.78	61.83	78.10
7	B.A. I	SEMESTER - IV PAPER VI History of Freedom Struggle (1858-1947)	66.28	61.94	65.85	61.83	61.83	65.48	68.48	68.78	61.83	74.20
8	B.A. I	SEMESTER - IV PAPER II SOCIAL REFORMS IN MAHARASHTRA	61.70	61.42	61.42	68.99	67.12	65.70	61.42	61.70	68.89	68.54
9	B.A. II	Semester - V, Course VII, Paper VII - Early India from beginning to 400 A.D.	63.23	67.68	70.26	62.18	66.24	63.27	63.27	73.81	67.48	64.24
10	B.A. II	Semester V, Course Paper No. VIII History of Medieval India (1206-1526)	75.42	71.99	61.14	62.28	71.99	64.25	62.28	74.52	61.71	62.28
11	B.A. II	Semester V, Course Paper No. IX Age of Revolution	60.90	64.96	61.20	67.86	60.66	68.64	68.98	71.26	71.26	61.20
12	B.A. II	Semester V, Course Paper No. X Political History of the Marathas	66.88	71.28	64.89	65.48	64.72	64.38	65.68	68.38	68.38	65.48
13	B.A. II	Semester V, Course Paper No. XI History: Its Theory	59.32	65.81	75.18	62.73	62.73	68.82	68.28	78.10	68.32	78.18
14	B.A. II	Semester VI, Course Paper No. XII Ancient India (From 400 B.C. to 320 A.D.)	78.93	68.48	65.50	63.26	62.44	62.44	63.26	66.80	66.80	63.26
15	B.A. II	Semester VI, Course Paper No. XIII History of Medieval India (1526-1707 AD)	68.04	64.04	61.02	68.10	63.04	61.82	61.82	62.58	71.24	61.82
16	B.A. II	Semester VI, Course Paper No. XIV Making of the Modern World (18th Century)	63.98	74.34	63.72	64.98	63.72	63.72	64.98	63.72	63.72	64.98
17	B.A. II	Semester VI, Course Paper No. XV Polity, Economy and Society under the Marathas	68.10	64.14	60.14	66.78	66.98	64.14	70.12	61.42	66.18	68.14
18	B.A. II	Semester VI, Course No. XVI Methods and Applications of History	68.81	70.37	68.81	68.44	61.24	68.81	65.93	78.42	67.01	78.42



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Department of History, 2020-21
 B.A.I

Sr. No.	Class	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO 10
1	B.A. I	Sem -I Semester I, Paper I: Rise of the Maratha Power (1600-1707)	54.22	70.35	40.80	60.30	53.60	56.28	67.00	60.60	64.32	80.40
2	B.A. I	Semester II, Paper II: Polity, Society and Economy under the Marathas (1600-1707)	70.68	58.40	58.90	68.77	65.45	52.76	52.86	70.68	68.72	78.54

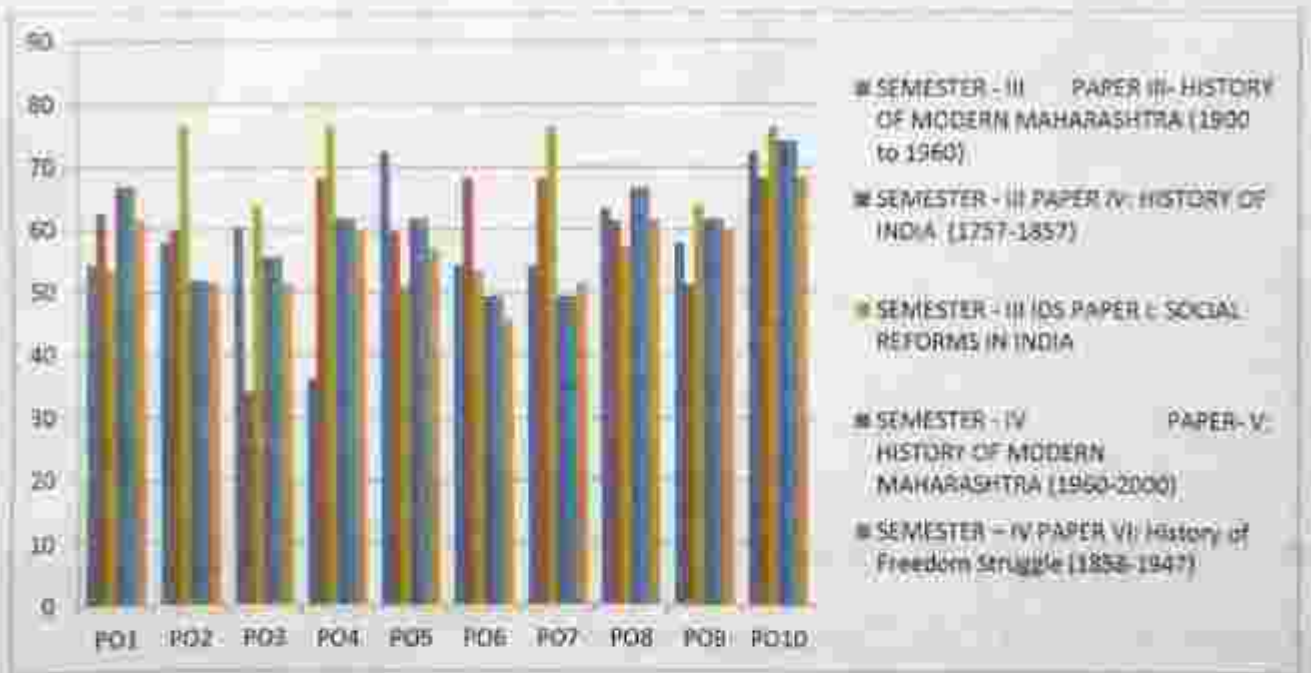




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 B.A. II.

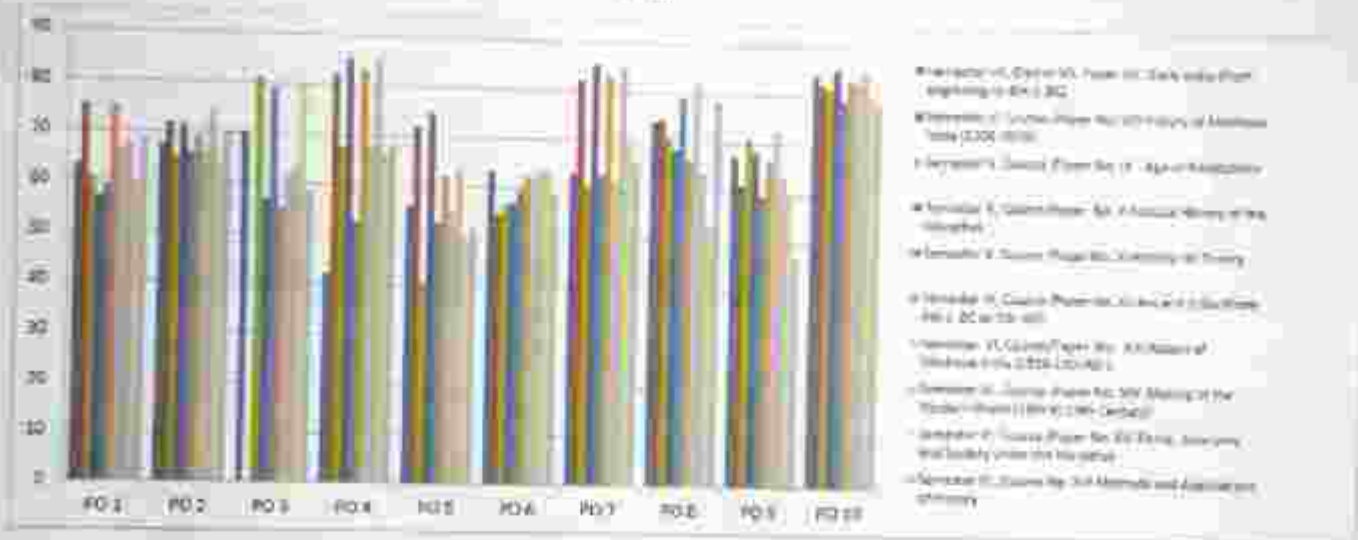
Sr. No.	Class	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1.	B.A. II	SEMESTER - III PAPER III - HISTORY OF MODERN MAHARASHTRA (1900 to 1960)	54.33	57.95	60.36	38.22	72.44	54.33	54.33	63.38	57.55	72.44
2.	B.A. II	SEMESTER - III PAPER IV - HISTORY OF INDIA (1757-1857)	62.60	59.76	34.15	68.30	59.76	68.30	68.30	61.47	51.27	68.30
3.	B.A. II	SEMESTER - III IDS PAPER I SOCIAL REFORMS IN INDIA	51.62	76.60	61.83	76.60	51.06	53.82	76.60	57.45	63.63	76.60
4.	B.A. II	SEMESTER - IV PAPER V - HISTORY OF MODERN MAHARASHTRA (1960-2000)	66.78	51.94	55.85	61.83	61.83	49.46	49.46	66.78	61.83	74.20
5.	B.A. II	SEMESTER - IV PAPER VI History of Freedom Struggle (1858-1947)	66.78	51.94	55.85	61.83	61.83	49.46	49.46	66.78	61.83	74.20
6.	B.A. II	SEMESTER - IV IDS PAPER - II SOCIAL REFORMS IN MAHARASHTRA	81.70	51.42	51.42	68.98	57.13	43.70	51.42	81.70	59.99	68.58




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Bachelor of Arts

Courses / POs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	H	H	H	H	H	L	H	H	H	H
CO2	H	H	H	L	L	L	H	H	H	H
CO3	L	L	H	H	H	H	H	H	L	L
CO4	H	H	H	H	H	H	H	H	H	H
CO5	H	H	H	H	H	H	H	H	H	H
CO6	H	H	H	H	H	H	H	L	L	H
CO7	H	H	H	H	H	H	L	H	H	H
CO8	H	H	H	H	H	H	H	L	H	H
CO9	H	H	H	H	H	H	H	H	H	H
CO10	H	L	H	L	H	H	L	L	H	H
CO11	H	H	H	L	L	L	H	L	H	H
CO12	H	H	H	H	H	H	H	H	H	H
CO13	H	H	H	L	L	L	H	L	H	H
CO14	H	H	H	H	H	H	H	L	L	H
CO15	H	H	H	L	H	H	L	L	H	H
CO16	H	H	L	L	L	L	L	L	L	H
CO17	H	H	L	L	L	L	L	L	L	H
CO18	H	H	L	H	H	L	H	H	H	H
CO19	H	H	M	H	H	L	H	H	H	H
CO20	H	H	H	H	L	H	H	H	H	H
CO21	H	H	H	H	L	H	H	H	H	H
CO22	H	H	H	H	H	H	H	H	H	H
CO23	H	H	H	H	H	H	H	H	H	H
CO24	H	H	H	H	H	L	H	H	H	H
CO25	H	H	L	L	L	L	H	H	L	H
CO26	H	H	L	L	L	L	H	H	L	H
CO27	H	H	H	H	H	L	H	H	H	H
CO28	H	H	L	H	H	L	L	L	H	H
CO29	H	H	H	H	H	H	L	H	H	H
CO30	H	H	H	H	H	H	H	L	L	H
CO31	H	H	H	H	H	H	L	L	H	H
CO32	H	H	H	H	H	H	L	L	H	H
CO33	H	H	H	H	H	H	L	L	H	H
CO34	H	H	H	H	H	H	H	H	H	H
CO35	H	H	H	H	H	H	H	H	H	H
CO36	H	H	H	L	L	L	H	L	H	H
CO37	H	H	H	H	H	H	H	H	H	H
CO38	H	H	H	H	H	L	H	H	H	H
CO39	H	H	H	H	H	H	H	H	H	H
CO40	H	H	H	H	H	H	H	H	H	H
CO41	H	H	H	H	H	H	H	H	H	H
CO42	H	H	H	H	H	H	H	H	H	H
CO43	H	H	H	H	H	H	L	H	H	H
CO44	H	H	H	H	H	H	L	H	H	H
CO45	H	H	H	H	H	H	L	L	H	H

CO93	H	H	H	L	H	H	L	L	H	H
CO94	H	H	L	L	L	L	L	L	L	H
CO95	H	H	L	L	L	L	L	L	L	H
CO96	H	H	L	H	H	L	H	H	H	H
CO97	H	H	L	H	H	L	H	H	H	H
CO98	H	H	H	H	L	H	H	H	H	H
CO99	H	H	H	H	L	H	H	H	H	H
CO100	H	H	H	L	L	L	H	L	H	H
CO101	H	H	H	H	H	H	H	H	H	H
CO101	H	H	H	L	L	L	H	L	H	H
CO102	H	H	H	H	H	H	H	L	L	H
CO103	H	H	H	L	H	H	L	L	L	H
CO104	H	H	L	L	L	L	H	L	H	H
CO105	H	H	H	L	L	L	H	L	H	H
CO106	H	H	H	H	H	H	H	H	H	H
CO107	H	H	H	L	L	L	H	L	H	H
CO108	H	L	L	L	L	H	H	H	L	L

H - Strong Mapping L - Weak Mapping

No Mapping

[Handwritten Signature]

Head of Department of Political Science
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burla)



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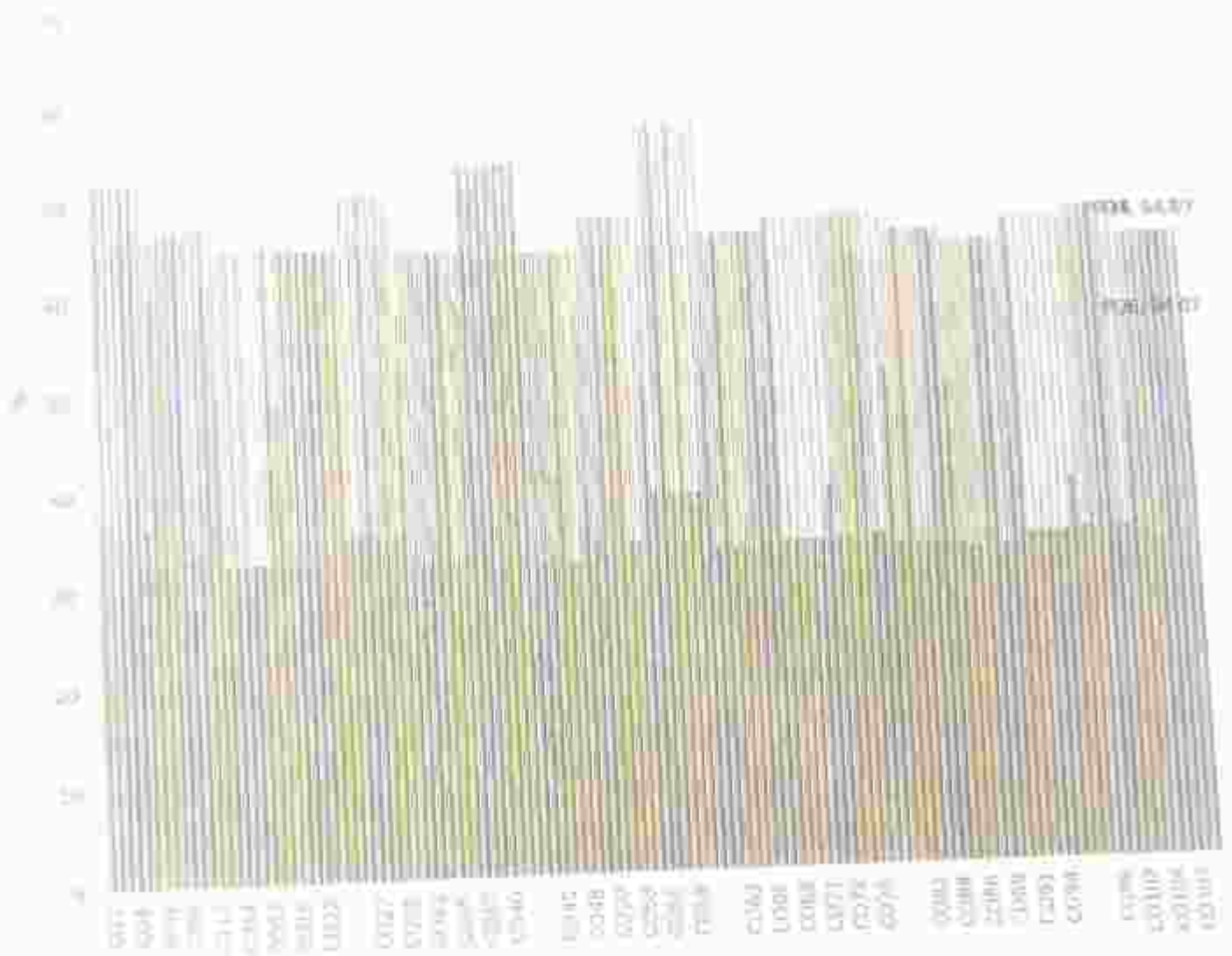
Principal
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burla)
Tal. Palus, Dist. Sangli.

CO11	67.96	67.96	67.96	33.98	33.98	33.98	33.98	33.98	33.98	67.96	67.96
	67.96	67.96	67.96	62.29	56.63	50.97	50.97	45.30	67.96	67.96	
CO12	65.91	65.91	65.91	65.91	65.91	32.95	32.95	32.95	65.91	65.91	
CO13	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	
CO14	65.91	65.91	65.91	65.91	65.91	32.95	32.95	32.95	65.91	65.91	
CO15	65.91	65.91	65.91	65.91	65.91	32.95	32.95	65.91	65.91	65.91	
CO16	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	65.91	
CO17	65.91	65.91	65.91	65.91	65.91	43.93	49.43	49.43	65.91	65.91	
CO18	64.66	64.66	64.66	64.66	64.66	64.66	32.33	32.33	64.66	64.66	
CO19	64.66	64.66	64.66	64.66	64.66	64.66	32.33	32.33	64.66	64.66	
CO20	64.66	64.66	64.66	64.66	64.66	64.66	32.33	32.33	64.66	64.66	
CO21	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	
CO22	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	64.66	
CO23	64.66	64.66	64.66	32.33	32.33	32.33	64.66	32.33	64.66	64.66	
CO24	64.66	64.66	64.66	59.27	59.27	59.27	48.49	43.10	64.66	64.66	
CO25	67.15	67.15	67.15	67.15	67.15	67.15	67.15	67.15	67.15	67.15	
CO26	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15	
CO27	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15	
CO28	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15	
CO29	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15	
CO30	67.15	67.15	33.57	33.57	33.57	33.57	33.57	33.57	67.15	67.15	
CO31	67.15	67.15	39.16	39.16	39.16	39.16	39.16	39.16	67.15	67.15	
CO32	67.96	67.96	67.96	67.96	67.96	33.98	33.98	33.98	67.96	67.96	
CO33	67.96	67.96	67.96	67.96	67.96	67.96	67.96	33.98	67.96	67.96	
CO34	67.96	67.96	67.96	67.96	33.98	67.96	67.96	67.96	67.96	67.96	
CO35	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	67.96	
CO36	67.96	67.96	67.96	67.96	67.96	33.98	33.98	33.98	67.96	67.96	
CO37	67.96	67.96	67.96	33.98	33.98	33.98	33.98	33.98	67.96	67.96	
CO38	67.96	67.96	67.96	62.29	56.63	50.97	50.97	45.30	67.96	67.96	
CO39	64.89	64.89	64.89	64.89	64.89	32.44	64.89	64.89	64.89	64.89	
CO40	64.89	64.89	64.89	64.89	64.89	32.44	64.89	64.89	64.89	64.89	
CO41	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	
CO42	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	
CO43	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	64.89	
CO44	64.89	64.89	64.89	64.89	64.89	32.44	64.89	64.89	64.89	64.89	
CO45	64.89	64.89	64.89	64.89	64.89	54.07	54.07	64.89	64.89	64.89	

Indirect Attainment (Course End Survey): 19 %

Direct Attainment: Exam Results : 78 %

CO Attainment



[Signature]
 Head,
 Department of ...

Department of ...
 Dr. Patangrao Kadam Mahavidyalaya,
 Tal. Palus, Dist. Sangli.

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 Principal,

Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Buri)
 Tal. Palus, Dist. Sangli.



Rayat Shikshan Sanstha's
Dr.Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl)
 Tal-Palus, Dist. - Sangli
Department of Marathi
2020-21

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	H		L	L	H		H	H			
CO2	H	H	H		H		H	H	L		
CO3	H		L	H	H		H	H		L	L
CO4			L			L			H	H	H
CO5	L	L					H	H		H	
CO6	L				H	H	H	H			L
CO7	H	L		H	H		H	H	L		L
CO8		H	H	H		L			H	H	L
CO9	H		H		H	H	L		H	L	H
CO10		H	H		H	H		L	H	H	H
CO11	L			L	H	H		H	H		H
CO12	H	H		L		H			H	H	L
CO13	H	H	L		H	H	L	L	H	H	H
CO14	H	H			H				H	H	H
CO15	L		H		H	H		H	H	H	H
CO16		L	H		H	H		L	H		H
CO17	H	H	H	L	H	H	L		H	H	H
CO18	H		H	H	H	H		H	L	L	H
CO19		H	H		H		H	H	L	H	H
CO20	L		H		H	H		H	H	H	H
CO21	H	H	H		H	H			H	H	L
CO22	H	H	H	L	H	H		H	L	L	
CO23	H		H	H	H	L	L		H	H	H
CO24	H	H			L	H	H	H		L	H
CO25	H	H			H	L	L	H	H	H	H
CO26	H	H	H		H	L	L		H	H	L
CO27	H	H	H	H	H	L	L		H	H	H
CO28			H		H	H		H	H	H	H
CO29	H		H	H	H	L	H		H	H	L
CO30	H		H	H	H	H		H	H	L	L
CO31		H	H	H	H		H	H	H	L	
CO32		H	H		H		L		H	H	H
CO33		H	H	H	H	H		H	L	H	H
CO34	H		H	L	H	H		L	H	H	H
CO35	H	H		H	L	L	H	H		H	
CO36	H	H	H		H		H	H	H	L	L
CO37		H	L	L	H	H			H	H	H
CO38	H	H	H		H	L		H	H	H	L
CO39	H	H			H	H	H	H	L	L	H
CO40		H	H		H	L	L		H	H	H
CO41	H	H	H	L	H			L	H	H	H
CO42	H	L	L	H	H	L	H	H	L	H	
CO43	H		H	H	H	H	H	H		L	L
CO44	H	L	H	H	H		H	H		H	L
CO45	H		H	H	H	H	H	H	L	H	H
CO46	H			H	H	H	H	H		H	L
CO47	H			H	H	H	H	H	L	L	
CO48	H			H	H		H	H	L	L	L
CO49		H	H		H	H	L		H	H	H
CO50	H	H	H		H	H		L	H	H	H
CO51	H	H	H		H	H	L		H	H	H

CO52		H	H	L	H	H			H	H	H
CO53	H	H	H	L	H		H	H	H		
CO54	H		H	H	H	H	H	H			L
CO55	H	H			H	L		L	H	H	H
CO56			H	L	H	H	H	H	H	H	
CO57	H	H	H		H	L	H		H	H	H
CO58	H	H	L		H	H	H		H	H	H
CO59	H	H		H	H	H	H		H	H	L
CO60	H		H	H	L	H	L		L	H	H
CO61	L	H	H		H		H	L	H	H	H
CO62	L	H	H		H	L	H	H	H	H	
CO63	H	H			H	H	H	H		H	L
CO64	H		H	H	H	H	H	H		L	L
CO65	L	H	H		H				H	H	H
CO66	H	H	H		H	L		L	H	H	H
CO67	H		L	H	H	H	H	H		L	L
CO68	L	H	H		H	H	H		H	H	H
CO69	L	H	H	L	H	H	H		H	H	H
CO70	L	H	H		H	H			H	H	H
CO71	L	H	H	L					H	H	H
CO72	H			H	H	H	H	H		L	L
CO73	H		L	H	H	H	H	H		H	
CO74	H			H	H	H	H	H	L	L	H
CO75	H			H	H	H	H	H	L	H	L
CO76	H		L	H	H	H	H	H	L	H	L
CO77		H	H	H	H		H	H	H	L	L
CO78	H	L	H	H	H	H	H	H	H	L	H
CO79	L	H	H		H	H	H	L	H	H	H
CO80	H	H	H		H	H	H	L	H	H	H
CO81		H	H	L	H	H			H	H	H
CO82	L	H	H		H	H	H		H	H	H
CO83	H	H	H		H			H	H		L
CO84	H	H	H	H	H	H	L	L	H	H	
CO85	H		L	H	H	H	H	H		L	L
CO86	H	L		H	H	H	H	H		H	
CO87	H			H	H	H	H	H	L		L
CO88	L	H	H		H	H		H	H	H	L
CO89	H			H	H	H	H	H	L	H	L
CO90	H	H	L	H	H	H	H	H	H	H	H
CO91	H		H	L	H	H	H	H	H	H	H
CO92	H	H	L		H	H			H	H	
CO93	L	H	H		H	L	H		H	H	H
CO94	L		H		H	H		L	H	H	H
CO95	L	H	H		H	H			H	H	L
CO96	L		L				H	L	H	H	H
CO97		L	H		H	H	H	H	H	H	H
CO98			H		H	H	H	H	H	H	H


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Principal

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Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burl)
 Tal-Palus, Dist. -Sangli

Department of Marathi - 2020-21

Programme Articulation Matrix

Class	Paper No.	Course Outcome	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
B.A.-I	Comp. Marathi	CO-1	72.36		36.18	36.18	72.36			72.36	72.36			
		CO-2		72.36	72.36		72.36			72.36	72.36	36.18		
		CO-3			36.18	72.36	72.36			72.36	72.36		36.18	
		CO-4			36.18				36.18					72.36
		CO-5		36.18						72.36	72.36	72.36		
		CO-6		36.18						72.36	72.36			36.18
		Average:		54.27	54.27	45.22	54.27	72.36	54.27	72.36	72.36	54.27	54.27	48.24
	Opt. Marathi P-1 and 2	CO-7		68.40	34.20		68.40	68.40		34.20		68.40		34.20
		CO-8			68.40	68.40	68.40			68.40		68.40	68.40	68.40
		CO-9		68.40		68.40		68.40		34.20		68.40	34.20	68.40
		CO-10			68.40	68.40		68.40	68.40		34.20	68.40	68.40	68.40
		CO-11		34.20			34.20	68.40	68.40		68.40	68.40		68.40
CO-12			68.40	68.40		34.20		68.40			68.40	68.40	34.20	
	Average:		59.85	59.85	68.40	51.30	68.40	61.56	51.30	57.00	62.70	59.85	51.30	
B.A.-II	Opt. Marathi P-3	CO-13	80.40	80.40	40.20		80.40	80.40	80.40	40.20	40.20	80.40	80.40	
		CO-14		80.40			80.40					80.40	80.40	
		CO-15	40.20				80.40		80.40			80.40	80.40	
		CO-16		40.20	80.40		80.40	80.40	80.40		40.20	80.40	80.40	
		CO-17	80.40	80.40	80.40	40.20	80.40	80.40	80.40	40.20		80.40	80.40	
		CO-18	80.40		80.40	80.40	80.40	80.40	80.40		80.40	40.20	40.20	
		Average:	59.49	55.27	72.36	60.30	80.40	80.40	80.40	40.20	52.76	73.70	72.36	80.40
	Opt. Marathi P-4	CO-19		76.28	76.28		76.28	76.28		76.28	76.28	58.14	76.28	76.28
		CO-20	38.14				76.28	76.28	76.28		76.28	76.28	76.28	76.28
		CO-21	76.28	76.28	76.28		76.28	76.28	76.28			76.28	76.28	76.28
		CO-22	76.28	76.28	76.28	38.14	76.28	76.28	76.28		76.28	38.14	38.14	
		CO-23	76.28		76.28	76.28	76.28	76.28	38.14	38.14		76.28	76.28	76.28
CO-24		76.28	76.28			76.28	76.28	38.14	76.28	76.28		38.14	76.28	
	Average:	68.65	76.28	76.28	57.21	69.92	68.65	57.21	76.28	76.28	61.92	63.56	68.65	
Opt. Marathi P-5	CO-25		80.56	80.56			80.56	40.28	40.28	80.56	80.56	80.56	80.56	
	CO-26		80.56	80.56	80.56		80.56	40.28	40.28		80.56	80.56	40.28	

B.A.-III		Average:	70.59	65.88	52.71	69.02	75.30	75.30	75.30	75.30	62.75	69.92	50.02
Spl. Marathi P-16	CO-93		34.64	69.28	69.28		69.28	34.64	69.28		69.28	69.28	69.28
	CO-94		34.64		69.28		69.28	69.28		34.64	69.28	69.28	69.28
	CO-95		34.64	69.28	69.28		69.28	69.28			69.28	69.28	34.64
	CO-96		34.64		34.64				69.28	34.64	69.28	69.28	69.28
	CO-97			34.64	69.28		69.28	69.28	69.28	69.28	69.28	69.28	69.28
	CO-98				69.28		69.28	69.28	69.28	69.28	69.28	69.28	69.28
Average:			34.64	57.73	63.50		69.28	62.35	69.28	51.96	69.28	69.28	63.50


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 Tal-Palus, Dist. -Sangli
Department of Marathi - 2020-21

Programme Articulation Matrix

Class	Paper No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B.A.-I	Comp. Marathi	54.27	54.27	45.22	54.27	72.36	54.27	72.36	72.36	54.27	54.27	48.24
	Opt. Marathi P-1 and P-2	59.85	59.85	68.40	51.30	68.40	61.56	51.30	57.00	62.70	59.85	51.30

Chart Title



[Signature]
Head of Dept.
 Department of Marathi
 Dr. Patangrao Kadam Mahavidyalaya,
 Ramanandnagar (Burl)

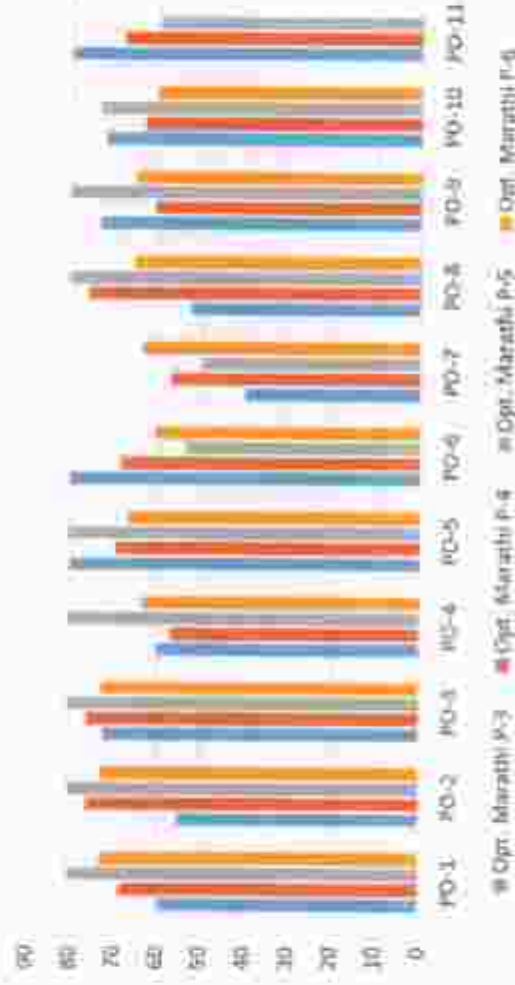


[Signature]
Principal,
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 Ramanandnagar (Burl)
 Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's
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Department of Marathi - 2020-21
 Programme Articulation Matrix

Class	Paper No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
B.A.-II	Opt. Marathi P-3	59.49	55.27	72.36	60.3	80.40	80.4	40.20	52.76	73.70	72.36	80.40
	Opt. Marathi P-4	68.65	76.28	76.28	57.2	69.92	68.6	57.21	76.28	61.02	63.56	68.65
	Opt. Marathi P-5	80.56	80.56	80.56	80.5	80.56	53.7	50.35	80.56	80.56	73.84	60.42
	Opt. Marathi P-6	72.96	72.96	72.96	63.8	66.88	60.8	63.84	65.66	65.66	60.80	73.84

Chart Title



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P. Kadam
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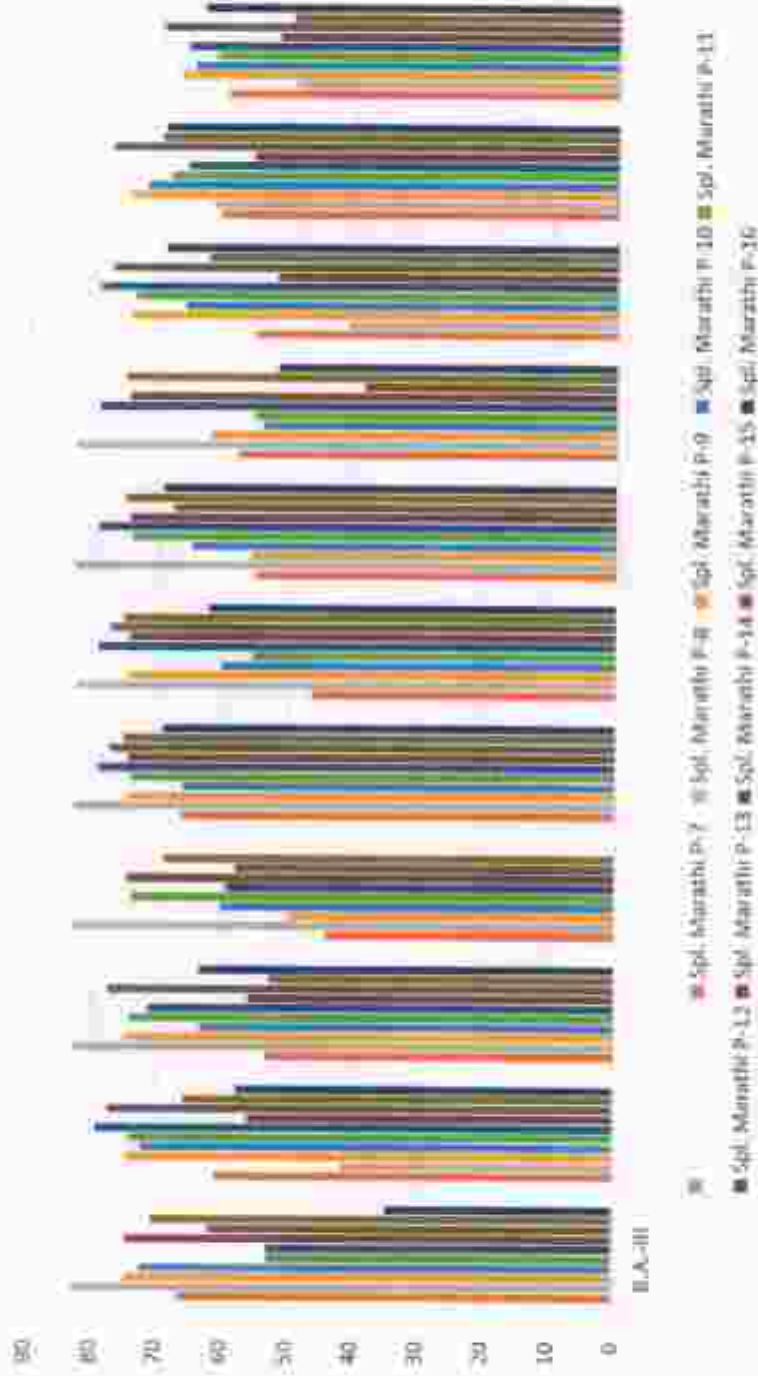
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Department of Marathi - 2020-21
Programme Articulation Matrix

Class	Paper No.	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
B.A.-III	Spl. Marathi P-7	66.46	60.92	53.16	44.30	66.46	46.52	55.38	58.15	55.37	60.92	59.81	
	Spl. Marathi P-8	82.78	41.39	82.78	82.78	82.78	82.78	82.78	82.78	41.39	62.08	49.66	
	Spl. Marathi P-9	74.66	74.66	74.66	49.77	74.66	74.66	55.99	62.21	74.66	74.66	67.26	
	Spl. Marathi P-10	72.32	72.32	63.28	60.26	66.29	60.26	65.08	54.24	66.29	72.32	65.08	
	Spl. Marathi P-11	52.94	74.12	74.12	74.12	74.12	55.59	74.12	55.59	74.12	68.82	61.76	
	Spl. Marathi P-12	52.8	79.20	71.28	59.40	79.20	79.20	79.20	79.20	79.20	79.20	66.00	66.00
	Spl. Marathi P-13	74.58	55.93	55.93	74.58	74.58	74.58	74.58	74.58	74.58	52.20	55.93	52.20
	Spl. Marathi P-14	61.93	77.42	77.42	58.09	77.42	77.42	77.42	67.83	38.76	77.42	77.42	69.76
	Spl. Marathi P-15	70.59	65.88	52.71	69.02	75.30	75.30	75.30	75.30	75.30	62.75	69.92	50.02
	Spl. Marathi P-16	34.64	57.73	63.50		69.28	62.35	62.35	69.28	51.96	69.28	69.28	63.50



[P.T.O.]

Chart Title




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