RAYAT SHIKASHAN SANSTHAS
RAJARSHI CHHATRAPATI SHAHU COLLEGE,KOLHAPUR
ACADEMIC YEAR 2021-22
DEPARTMENT OF MATHEMATICS
Course and Program Outcome Attainment

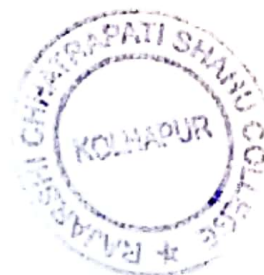| Semester (Theory)	Course Code	Course Title	Attainment of course outcome						
			% of students above 60% University marks	Level of Attainment	80% of Attainment Level in end term exam (I)	% of students above average internal marks	Level of attainment	20% of Attainment Level in internal exam (II)	Attainment of Course (I+II)
Semester V (Theory)	IX	Mathematical Analysis	0	1	0.8	100	3	0.6	1.4
	X	Abstract Algebra	100	3	2.4	100	3	0.6	3
	XI	Optimization Techniques	100	3	2.4	100	3	0.6	3
	XII	Integral Transform	100	3	2.4	100	3	0.6	3
Semester VI (Theory)	XIII	Metric Space	100	3	2.4	100	3	0.6	3
	XIV	Linear Algebra	100	3	2.4	100	3	0.6	3
	XV	Complex Analysis	100	3	2.4	100	3	0.6	3
	XVI	Discrete Mathematics	100	3	2.4	100	3	0.6	3
	Practical	Mathematics Practical	100	3	2.4	100	3	0.6	3
				Total	20		27	Total	25.4
				Average	2.22222		3	Average	2.82222

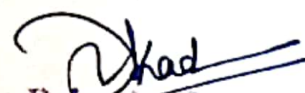|	For University Exam
Level 1	below 45 % of students scoring more than average marks
Level 2	45-60 % of students scoring more than average marks
Level 3	above 60% of students scoring more than average marks

	For Internal Exam
Level 1	below 60 % of students scoring more than average marks
Level 2	60-80 % of students scoring more than average marks
Level 3	above 80% of students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by indirect Method	80% of Average	20% of Average	Average Attainment	Target Attainment level	Remark
2.822222222	3	2.257777778	0.6	2.857777778	Level 5	Target Achived

Program outcome Level	Target Attainment
Level 1	0.5 - 1.0
Level 2	1.0 - 1.5
Level 3	1.5 - 2.0
Level 4	2.0 - 2.5
Level 5	2.5 - 3.0

Head
Department of Mathematics
Rajarshri Chh. Shahu Coll.
Kolhapur

Principal,
Rajarshi Chh. Shahu Colleg
Kolhapur.

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ACADEMIC YEAR 2021-22
Direct Method

ROLL NO.	Seat No.	B.Sc.III Mathematics Sem-V NAME OF THE STUDENT		University										Internal					
130	23330			IX	X	XI	XII		Total	%				IX	X	XI	XII	Total	%
		Shirdhone Suryakant Chandrakant		14	29	30	26		99	61.9				10	10	10	10	40	100
		marks obtained outoff 40(University Exam)	% of marks(level)	No.of students in each paper									Marks	No.of students					
	Y	<18 marks((Level 1)	<45%	1	0	0	0				<60%	<6							
		<18-24 marks (level 2)	45 to 60%	0	0	0	0				60 t0 80%	6-8							
		>24 marks(level 3)	>60%	0	1	1	1				Above 80%	>8	1	1	1	1		
				% of students calculation in three levels															
	Z	<18 marks	<45%	100	0	0	0				<60%	Level 1							
		<18-24 marks	45%to 60%	0	0	0	0				60 t0 80%	Level 2							
		>24 marks	>60%	0	100	100	100				Above 80%	Level 3	100	100	100	100		

Use formula to calculate % in above level $(z)=(Y*100/no.$ of students) then use this value in attainment table and assign z in attainment level 1,2,3 accordigly

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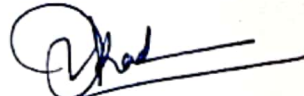## RAJARSHI CHHATRAPATI SHAHU COLLEGE,KOLHAPUR
ACADEMIC YEAR 2021-22

B.Sc.III Mathematics Sem-VI

Direct Method

ROLL NO.	Seat No.	NAME OF THE STUDENT		University									Internal					
130	23330	Shirdhone Suryakant Chandrakant		IX	X	XI	XII	Practical	Total	%			IX	X	XI	XII	Total	%
		marks obtained outoff 40(University Exam)	% of marks(level)	24	24	26	30	178	104	65			8	8	10	10	36	90
	Y	<18 marks((Level 1)	<45%	No.of students in each paper							Marks		No.of students					
				0	0	0	0	0		<60%	<6	0	0	0	0			
		<18-24 marks (level 2)	45 to 60%	0	0	0	0	0		60 t0 80%	6-8	0	0	0	0			
		>24 marks(level 3)	>60%	1	1	1	1	1		Above 80%	>8	1	1	1	1			
	Z	<18 marks	<45%	% of students calculation in three levels														
				0	0	0	0	0		<60%	Level 1	0	0	0	0			
		<18-24 marks	45%to 60%	0	0	0	0	0		60 t0 80%	Level 2	0	0	0	0			
		>24 marks	>60%	100	100	100	100	100		Above 80%	Level 3	100	100	100	100			

Use formula to calculate % in above level (z)=(Y*100/no. of students) then use this value in attainment table and assign z in attainment level 1,2,3 accordigly

For University Exam	
Level 1	below 45 % of students scoring more than average marks
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For Internal Exam	
Level 1	below 60 % of students scoring more than average marks
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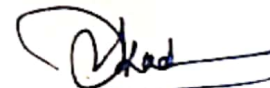Kolhapur.

Principal,
Rajarshi Chh. Shahu College
Kolhapur.

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ACADEMIC YEAR 2021-22
DEPARTMENT OF MATHEMATICS
INDIRECT METHOD

Sr. No.	Total No. of Students	No. of Students go to Higher education(A)	No. of Students Placed(B)	No. of Students Placed/ Higher education (A+B)	Percentage of Students Placed/ Higher Edu.	Level of Attainment
1	1	1	0	1	100.00	3

	Placement/ UG to PG progression
Level 1	below 45 % of students Placed/ Higher Edu.
Level 2	45-60 % of students Placed/ Higher Edu.
Level 3	above 60% of students Placed/ Higher Edu.

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Kolhapur.

KOLHAPUR

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