

RAYAT SHIKASHAN SANSTHAS  
 RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR  
 ACADEMIC YEAR 2020-21  
 DEPARTMENT OF MATHEMATICS

**Course and Program Outcome Attainment**


Attainment of course outcome									
Semester (Theory)	Course Code	Course Title	% 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	100	3	2.4	100	3	0.6	3
	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	21.6		27	Total	27
				Average	2.4		3	Average	3

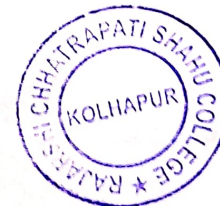
For University Exam	
Level 1	below 45 % of students scoring more than average marks
Level 2	45-60 % of students scoring more than average marks
Level 3	above 60% of students scoring more than average marks


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
3	1	2.4	0.2	2.6	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  
 Rajarshi Chh. Shahu College  
 Kolhapur.



  
**Principal,**  
 Rajarshi Chh. Shahu College  
 Kolhapur.

**RAYAT SHIKASHAN SANSTHAS**  
**RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR**  
**ACADEMIC YEAR 2020-21**

**Direct Method**

B.Sc.III Mathematics Sem-V			University								Internal							
ROLL NO.	Seat No.	NAME OF THE STUDENT	IX	X	XI	XII	Total	%			IX	X	XI	XII	Total	%		
130		Harshvardhan Shankarrao daji Ghadage	39	39	43	43	164				10	10	10	10	40			
131		Shivani Suhas Yadav	37	47	45	50	179				10	10	10	10	40			
132		Shrutika Santosh Patil	31	39	44	50	164				10	10	10	10	40			
133		Snehal Sambhaji Yelekar	24	29	40	48	141				10	10	10	10	40			
134		Suchita Vikas Pisal	24	39	39	48	150				10	10	10	10	40			
135		Tasmiya Mansur Nadaf	36	44	45	50	175				10	10	10	10	40			
136		Pawar Rangnath	31	37	50	48	166				10	10	10	10	40			
137		Solankar Vikram	29	34	42	42	147				10	10	10	10	40			
138		Pawar Aditya	40	39	42	45	166	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%		0	0	0	0		<60%	<6							
		<18-24 marks (level 2)	45 to 60%		0	0	0	0		60 to 80%	6-8							
		>24 marks(level 3)	>60%		9	9	9	9		Above 80%	>8	1	1	1	1			
			% of students calculation in three levels															
	Z	<18 marks	<45%		0	0	0	0		<60%	Level 1							
		<18-24 marks	45%to 60%		0	0	0	0		60 to 80%	Level 2							
		>24 marks	>60%		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

**RAYAT SHIKASHAN SANSTHIAS  
RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR  
ACADEMIC YEAR 2020-21**

**Direct Method**

B.Sc.III Mathematics Sem-VI			University							Internal						
ROLL NO.	Seat No.	NAME OF THE STUDENT	IX	X	XI	XII	Practical	Total	%	IX	X	XI	XII	Total	%	
130		Harshvardhan Shankarrao daji Ghadage	33	25	33	37	199	327		10	10	10	10	40		
131		Shivani Suhas Yadav	48	32	40	37	198	355		10	10	10	10	40		
132		Shrutika Santosh Patil	48	26	47	37	196	354		10	10	10	10	40		
133		Snehal Sambhaji Yelekar	45	28	36	37	190	336		10	10	10	10	40		
134		Suchita Vikas Pisal	48	28	42	37	192	347		10	10	10	10	40		
135		Tasmiya Mansur Nadaf	48	44	45	37	200	374		10	10	10	10	40		
136		Pawar Rangnath	45	45	45	38	199	372		10	10	10	10	40		
137		Solankar Vikram	45	31	31	38	192	337		10	10	10	10	40		
138		Pawar Aditya	44	31	42	37	195	349		10	10	10	10	40		
		marks obtained outoff 40(University Exam)	% of marks(level)							No.of students						
		<18 marks((Level 1)	<45%							No. of students in each paper						
	Y	<18-24 marks (level 2)	0	0	0	0	0	0		<60%	<6	0	0	0	0	
		>24 marks(level 3)	9	9	9	9	9	9		60 to 80%	6-8	0	0	0	0	
			% of students calculation in three levels							Marks						
	Z	<18 marks	0	0	0	0	0	0		Above 80%	>8	1	1	1	1	
		<18-24 marks	0	0	0	0	0	0				0	0	0	0	
		>24 marks	100	100	100	100	100	100				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 accordingly

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

*[Signature]*  
**Head**  
Department of Mathematics  
Rajarshi Chh. Shahu College  
Kolhapur.




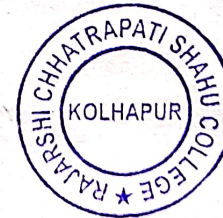
*[Signature]*  
**Principal,**  
Rajarshi Chh. Shahu College  
Kolhapur.

**RAYAT SHIKASHAN SANSTHAS**  
**RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR**  
**ACADEMIC YEAR 2020-21**  
**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	9	4	0	4	44.44	1

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.

  
**Head**  
 Department of Mathematics  
 Rajarshi Chh. Shahu College  
 Kolhapur.



  
**Principal,**  
 Rajarshi Chh. Shahu College  
 Kolhapur.