

Yashwantrao Chavan College of Science, Karad

PO Attainment for Academic year 2018-19

B.Sc. III Biotechnology

Table No. 1. Program Outcome Attainment at the University and Internal Exams.

Semester	Course code	Course Title	% of students above 60 % of university exam marks	Level of attainment university exam	80% of attainment Level in university exam (I)	% of students above 80 % of Internal exam marks	Level of attainment	20% of attainment Level in internal exam (II)	Attainment of course(I+II)
V	IX	Biochemical Techniques	83.33	3	2.4	100.00	3	0.6	3
	X	Animal cell culture	58.33	2	1.6	83.33	3	0.6	2.2
	XI	Bioprocess Engineering	58.33	2	1.6	100.00	3	0.6	2.2
	XII	Fermentation technology	50.00	2	1.6	100.00	3	0.6	2.2
VI	XIII	Plant Biotechnology	100.00	3	2.4	100.00	3	0.6	3
	XIV	Environmental Biotechnology	58.33	2	1.6	100.00	3	0.6	2.2
	XV	Cell Metabolism And virology	75.00	3	2.4	100.00	3	0.6	3
	XVI	Gene Biotechnology and Bioinformatics	100.00	3	2.4	100.00	3	0.6	3
		Practical	100.00	3	2.4				2.4
Average									2.58

Attainment Criteria:

Att. Level	Attainment criteria for university exam	Attainment criteria for internal exam
Level 1	Less than 45% of students scoring more than average marks	Less than 60% of students scoring more than average marks
Level 2	45% - 60% of students scoring more than average marks	60% - 80% of students scoring more than average marks
Level 3	>= 60% of students scoring more than average marks	>= 80% of students scoring more than average marks

Table No. 2. Achieved Attainment Level

Sr. No.	Average Attainment	Target Attainment level	Remark
1	2.58	Level 5	Target achieved

Assessment criteria: Target attainment level based on Average 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

Course Co-ordinator
Department of Biotechnology



Principal,
Yashwantrao Chavan College
of Science, Karad

Yashwantrao Chavan College of Science ,Karad

PO Attainment for Academic year 2019-20

B.Sc. III Biotechnology

Table No. 1. Program Outcome Attainment at the University and Internal Exams.

Semester	Course code	Course Title	% of students above 60 % of university exam marks	Level of attainment university exam	80% of attainment Level in university exam (I)	% of students above 80 % of Internal exam marks	Level of attainment	20% of attainment Level in internal exam (II)	Attainment of course(I+II)
V	IX	Biochemical techniques	50.00	2	1.6	100.00	3	0.6	2.2
	X	Animal Cell Culture	61.11	3	2.4	100.00	3	0.6	3
	XI	Bioprocess Engineering	88.89	3	2.4	100.00	3	0.6	3
	XII	fermentation Technology	72.22	3	2.4	100.00	3	0.6	3
VI	XIII	Plant Biotechnology	77.78	3	2.4	50.00	1	0.2	2.6
	XIV	Environmental biotechnology	88.89	3	2.4	72.22	2	0.4	2.8
	XV	Cell Metabolism and Virology	55.56	2	1.6	83.33	3	0.6	2.2
	XVI	Gene Biotechnology and Bioinformatics	77.78	3	2.4	55.56	1	0.2	2.6
		Practical	100.00	3	2.4				2.4
Average									2.64

Attainment Criteria:


Att. Level	Attainment criteria for university exam	Attainment criteria for internal exam
Level 1	Less than 45% of students scoring more than average marks	Less than 60% of students scoring more than average marks
Level 2	45% - 60% of students scoring more than average marks	60% - 80% of students scoring more than average marks
Level 3	>= 60% of students scoring more than average marks	>= 80% of students scoring more than average marks


Table No. 2. Achieved Attainment Level


Sr. No.	Average Attainment	Target Attainment level	Remark
1	2.64	Level 5	Target achieved

Assessment criteria: Target attainment level based on Average 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


Course Co-ordinator
 Department of Biotechnology




Principal,
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PO Attainment for Academic year 2020-21

B.Sc. III Biotechnology

Table No. 1. Program Outcome Attainment at the University and Internal Exams.

Semester	Course code	Course Title	% of students above 60 % of university exam marks	Level of attainment university exam	80% of attainment Level in university exam (I)	% of students above 80 % of Internal exam marks	Level of attainment	20% of attainment Level in internal exam (II)	Attainment of course(I+II)
V	IX	Biochemical Techniques	91.18	3	2.4	100.00	3	0.6	3
	X	Animal Cell Culture	94.12	3	2.4	100.00	3	0.6	3
	XI	Bioprocess Engineering	88.24	3	2.4	100.00	3	0.6	3
	XII	Fermentation Technology	76.47	3	2.4	100.00	3	0.6	3
VI	XIII	Plant Biotechnology	88.24	3	2.4	100.00	3	0.6	3
	XIV	Environmental biotechnology	0.00	1	0.8	100.00	3	0.6	1.4
	XV	Cell Metabolism and Virology	97.06	3	2.4	100.00	3	0.6	3
	XVI	Gene Bioitechnology and Bioinformatics	82.35	3	2.4	100.00	3	0.6	3
		Practical	100.00	3	2.4				2.4
Average									2.76

Attainment Criteria:

Att. Level	Attainment criteria for university exam	Attainment criteria for internal exam
Level 1	Less than 45% of students scoring more than average marks	Less than 60% of students scoring more than average marks
Level 2	45% - 60% of students scoring more than average marks	60% - 80% of students scoring more than average marks
Level 3	>= 60% of students scoring more than average marks	>= 80% of students scoring more than average marks

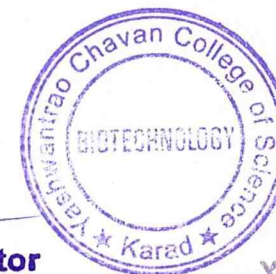
Table No. 2. Achieved Attainment Level

Sr. No.	Average Attainment	Target Attainment level	Remark
1	2.76	Level 5	Target achieved

Assessment criteria: Target attainment level based on Average 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

S. N. Nandke
Course Co-ordinator
 Department of Biotechnology



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Principal,
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Yashwantrao Chavan College of Science ,Karad

PO Attainment for Academic year 2021-22

B.Sc. III Biotechnology

Table No. 1. Program Outcome Attainment at the University and Internal Exams.

Semester	Course code	Course Title	% of students above 60 % of university exam marks	Level of attainment university exam	80% of attainment Level in university exam (I)	% of students above 80 % of Internal exam marks	Level of attainment	20% of attainment Level in internal exam (II)	Attainment of course(I+II)
V	IX	Biochemical Techniques	90.00	3	2.4	100.00	3	0.6	3
	X	Animal Cell Culture	70.00	3	2.4	100.00	3	0.6	3
	XI	Bioprocess Engineering	60.00	3	2.4	100.00	3	0.6	3
	XII	Fermentation Technology	100.00	3	2.4	100.00	3	0.6	3
VI	XIII	Plant Biotechnology	0.00	1	0.8	90.00	3	0.6	1.4
	XIV	Environmental Biotechnology	100.00	3	2.4	100.00	3	0.6	3
	XV	Cell Metabolism and Virology	80.00	3	2.4	100.00	3	0.6	3
	XVI	Gene Biotechnology And Bioinformatics	100.00	3	2.4	100.00	3	0.6	3
		Practical	100.00	3	2.4				2.4
Average									2.76

Attainment Criteria:

Att. Level	Attainment criteria for university exam	Attainment criteria for internal exam
Level 1	Less than 45% of students scoring more than average marks	Less than 60% of students scoring more than average marks
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Table No. 2. Achieved Attainment Level

Sr. No.	Average Attainment	Target Attainment level	Remark
1	2.76	Level 5	Target achieved

Assessment criteria: Target attainment level based on Average 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

Course Co-ordinator
Department of Biotechnology



Principal,
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PO Attainment for Academic year 2022-23

B.Sc. III Biotechnology

Table No. 1. Program Outcome Attainment at the University and Internal Exams.

Semester	Course code	Course Title	% of students above 60 % of university exam marks	Level of attainment university exam	80% of attainment Level in university exam (I)	% of students above 80 % of Internal exam marks	Level of attainment	20% of attainment Level in internal exam (II)	Attainment of course(I+II)
V	IX	Biochemical Techniques	37.50	1	0.8	100.00	3	0.6	1.4
	X	Animal Cell Culture	50.00	2	1.6	100.00	3	0.6	2.2
	XI	Bioprocess Engineering	81.25	3	2.4	100.00	3	0.6	3
	XII	Fermentation Technology	81.25	3	2.4	100.00	3	0.6	3
VI	XIII	Plant Biotechnology	93.75	3	2.4	#DIV/0!	#####	#DIV/0!	#####
	XIV	Environmental Biotechnology	81.25	3	2.4	#DIV/0!	#####	#DIV/0!	#####
	XV	Cell metabolism And Virology	87.50	3	2.4	#DIV/0!	#####	#DIV/0!	#####
	XVI	Gene Biotechnology And Bioinformatics	87.50	3	2.4	#DIV/0!	#####	#DIV/0!	#####
		Practical	100.00	3	2.4				2.4
Average									#####

Attainment Criteria:

Att. Level	Attainment criteria for university exam	Attainment criteria for internal exam
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Table No. 2. Achieved Attainment Level

Sr. No.	Average Attainment	Target Attainment level	Remark
1	#DIV/0!	#DIV/0!	Target achieved

Assessment criteria: Target attainment level based on Average 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

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