



**Prof. Dr. Avinash S. Jagtap**  
M.Sc. Ph.D.  
PRINCIPAL

E-mail : principal.tccollege@gmail.com

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Anekant Education Society's

**TULJARAM CHATURCHAND COLLEGE**  
of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

**Empowered Autonomous Status**

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

**NAAC-SSR**

**Cycle IV**

**2019 - 2024**

## Criterion No. II : TEACHING-LEARNING AND EVALUATION

**2.6.1 QLM** The institution has stated learning outcomes (programme and course outcome)/graduate attributes which are integrated into the assessment process and widely publicized through the website and other documents and the attainment of the same are evaluated by the institution

# Attainment of Learning Outcomes for Academic Year 2021 - 2022

Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of BBA**  
**Under Graduate Program : BBA**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	BBA3501	SUPPLY CHAIN LOGISTIC MANAGEMENT	69	100	3	1.8	97.1	3	1.2	3
	BBA3502	ENTREPRENEURSHIP DEVELOPMENT	69	84.06	3	1.8	14.49	1	0.4	2.2
	BBA3503	BUSINESS LAW	69	95.65	3	1.8	100	3	1.2	3
	BBA3504	RESEARCH METHODOLOGY	69	100	3	1.8	100	3	1.2	3
	BBA3505(B)	FINANCIAL MANAGEMENT-I	42	100	3	1.8	100	3	1.2	3
	BBA3505(C)	MARKETING MANAGEMENT-I	4	100	3	1.8	100	3	1.2	3
	BBA3506(B)	FINANCIAL MANAGEMENT-II	42	28.57	1	0.6	23.81	1	0.4	1
	BBA3506(C)	MARKETING MANAGEMENT-II	4	75	3	1.8	75	3	1.2	3
	BBA3507(B)	FINANCE PROJECT	45	100	3	1.8				1.8
	BBA3507(C)	MARKETING PROJECT	30	100	3	1.8				1.8
VI	BBA3601	BUSINESS PLANNING AND PROJECT MANAGEMENT	76	67.11	3	1.8	100	3	1.2	3
	BBA3602	MANAGEMENT CONTROL SYSTEM	76	64.47	3	1.8	100	3	1.2	3
	BBA3603	E- BUSINESS	76	55.26	2	1.2	100	3	1.2	2.4
	BBA3604	BUSINESS ANALYTICS	76	51.32	2	1.2	100	3	1.2	2.4
	BBA3605(B)	FINANCIAL MANAGEMENT-I	45	75.56	3	1.8	100	3	1.2	3
	BBA3605(C)	MARKETING MANAGEMENT-I	31	64.52	3	1.8	100	3	1.2	3
	BBA3606(B)	FINANCIAL MANAGEMENT-II	45	55.56	2	1.2	100	3	1.2	2.4
	BBA3606(C)	MARKETING MANAGEMENT-II	31	61.29	3	1.8	100	3	1.2	3
	BBA3607(B)	FINANCIAL PROJECT	45	82.22	3	1.8				1.8

VI	BBA3607(C)	MARKETING PROJECT	31	80.65	3	1.8				1.8
Total			975	1541.24	55	33	1410.4	44	17.6	50.6
Average			48.75	77.06	2.75	1.65	70.52	2.2	0.88	2.53



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.53	3	1.77	0.9	2.67	5

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





Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of BCA**  
**Under Graduate Program : BCA**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	BCA3501	ANDROID APPLICATION PROGRAMMING	72	98.61	3	1.8	98.61	3	1.2	3
	BCA3502	.NET PROGRAMMING	72	98.61	3	1.8	97.22	3	1.2	3
	BCA3503(A)	CLOUD COMPUTING	72	98.61	3	1.8	95.83	3	1.2	3
	BCA3504(B)	MACHINE LEARNING	72	90.28	3	1.8	98.61	3	1.2	3
	BCA3505	PROJECT	72	95.83	3	1.8				1.8
	BCA3506	PRACTICAL - I	72	98.61	3	1.8	98.61	3	1.2	3
	BCA3507	PRACTICAL - II	72	98.61	3	1.8	97.22	3	1.2	3
	BCA3508	PRACTICAL - III	72	98.61	3	1.8	95.83	3	1.2	3
VI	BCA3601	DATA ANALYTICS USING PYTHON	74	36.49	1	0.6	95.95	3	1.2	1.8
	BCA3602	NOSQL DATABASES	74	41.89	2	1.2	90.54	3	1.2	2.4
	BCA3603(A)	BIG DATA	74	59.46	2	1.2	93.24	3	1.2	2.4
	BCA3604(A)	DATA MINING	74	24.32	1	0.6	75.68	3	1.2	1.8
	BCA3605	PROJECT	74	97.3	3	1.8				1.8
	BCA3606	PRACTICAL - I	74	95.95	3	1.8	93.24	3	1.2	3
	BCA3607	PRACTICAL - II	74	90.54	3	1.8	95.95	3	1.2	3
<b>Total</b>			<b>1094</b>	<b>1223.72</b>	<b>39</b>	<b>23.4</b>	<b>1226.53</b>	<b>39</b>	<b>15.6</b>	<b>39</b>
<b>Average</b>			<b>72.93</b>	<b>81.58</b>	<b>2.6</b>	<b>1.56</b>	<b>81.77</b>	<b>2.6</b>	<b>1.04</b>	<b>2.6</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.6	3	1.82	0.9	2.72	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Dairy Technology**  
**Under Graduate Program : B.Voc.Dairy Technology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	DT-501 T	QUALITY ASSURANCE AND WASTE MANAGEMENT	36	100	3	1.8	83.33	3	1.2	3
	DT-502 T	FAT RICH MILK PRODUCTS	12	100	3	1.8	100	3	1.2	3
	DT-503 T	DAIRY PLANT MANAGEMENT	35	91.43	3	1.8	88.57	3	1.2	3
	DT-5.1 P	QUALITY ASSURANCE AND WASTE MANAGEMENT-I	12	91.67	3	1.8				1.8
	DT-5.2 P	FAT RICH MILK PRODUCTS-I	35	40	2	1.2	51.43	2	0.8	2
	DT-5.3 P	PROJECT	12	75	3	1.8	50	2	0.8	2.6
VI	DT-601 T	DAIRY PRODUCT DEVELOPMENT	47	63.83	3	1.8	61.7	3	1.2	3
	DT-602 T	PACKAGING TECHNOLOGY	47	34.04	1	0.6	46.81	2	0.8	1.4
	DT-603 T	ENTREPRENEURSHIP DEVELOPMENT	47	72.34	3	1.8	44.68	2	0.8	2.6
	DT-6.1 P	DAIRY PRODUCT DEVELOPMENT-I	47	68.09	3	1.8	38.3	1	0.4	2.2
	DT-6.2 P	PACKAGING TECHNOLOGY-I	47	65.96	3	1.8	53.19	2	0.8	2.6
	DT-6.3 P	IN-PLANT TRAINING	47	46.81	2	1.2	61.7	3	1.2	2.4
<b>Total</b>			<b>424</b>	<b>849.17</b>	<b>32</b>	<b>19.2</b>	<b>679.71</b>	<b>26</b>	<b>10.4</b>	<b>29.6</b>
<b>Average</b>			<b>35.33</b>	<b>70.76</b>	<b>2.67</b>	<b>1.6</b>	<b>56.64</b>	<b>2.17</b>	<b>0.87</b>	<b>2.47</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.47	3	1.73	0.9	2.63	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Defence Studies**  
**Under Graduate Program : B.A. Defence Studies**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	DEFGEN3501	INDIAS NATIONAL SECURITY IN 21ST CENTURY OR WAR AND CONTEMPORARY WARFARE	41	92.68	3	1.8	75.61	3	1.2	3
	DEFSPL3502	INTERNATIONAL AND REGIONAL ORGANIZATIONS	21	61.9	3	1.8	42.86	2	0.8	2.6
	DEFSPL3503	DEFENCE ECONOMICS	21	47.62	2	1.2	80.95	3	1.2	2.4
VI	DEFGEN3601	INDIAS NATIONAL SECURITY IN 21ST CENTURY OR WAR AND CONTEMPORARY WARFARE	42	40.48	2	1.2	92.86	3	1.2	2.4
	DEFSPL3602	INTERNATIONAL AND REGIONAL ORGANIZATIONS	21	4.76	1	0.6	76.19	3	1.2	1.8
	DEFSPL3603	DEFENCE ECONOMICS	21	19.05	1	0.6	66.67	3	1.2	1.8
Total			167	266.49	12	7.2	435.14	17	6.8	14
Average			27.83	44.42	2	1.2	72.52	2.83	1.13	2.33



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.33	3	1.63	0.9	2.53	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of E-Commerce**  
**Under Graduate Program : B.Voc. E-Commerce**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	ECDM-501T	ENTREPRENEURSHIP DEVELOPMENT & PROJECT MANAGEMENT	24	91.67	3	1.8	58.33	2	0.8	2.6
	ECDM-502T	MARKETING RESEARCH	24	83.33	3	1.8	66.67	3	1.2	3
	ECDM-503T	HUMAN RESOURCES MANAGEMENT	24	87.5	3	1.8	75	3	1.2	3
	ECDM-504P	SOCIAL MEDIA MARKETING - II	24	62.5	3	1.8	66.67	3	1.2	3
	ECDM-505P	GRAPHICS DESIGNS FOR DIGITAL MARKETING	24	54.17	2	1.2	58.33	2	0.8	2
	ECDM-506P	PROJECT - I PROJECT REPORT ON SOCIAL MEDIA MARKETING	24	58.33	2	1.2	54.17	2	0.8	2
VI	ECDM-601T	DIGITAL MEDIA AND THE LAW	24	41.67	2	1.2	100	3	1.2	2.4
	ECDM-602T	INTEGRATED MARKETING COMMUNICATION	24	70.83	3	1.8	100	3	1.2	3
	ECDM-603T	ADVANCE DIGITAL MARKETING - I	24	66.67	3	1.8	87.5	3	1.2	3
	ECDM-604P	ADVANCE DIGITAL MARKETING - II	24	83.33	3	1.8	58.33	2	0.8	2.6
	ECDM-605P	PROJECT - II PROJECT REPORT ON WEB DEVELOPMENT	24	79.17	3	1.8	87.5	3	1.2	3
	ECDM-606P	PROJECT - III PROJECT REPORT ON ADVANCE DIGITAL MARKETING	24	95.83	3	1.8	58.33	2	0.8	2.6
<b>Total</b>			<b>288</b>	<b>875</b>	<b>33</b>	<b>19.8</b>	<b>870.83</b>	<b>31</b>	<b>12.4</b>	<b>32.2</b>
<b>Average</b>			<b>24</b>	<b>72.92</b>	<b>2.75</b>	<b>1.65</b>	<b>72.57</b>	<b>2.58</b>	<b>1.03</b>	<b>2.68</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.68	3	1.88	0.9	2.78	5

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





Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Environment**  
**Under Graduate Program : B.Sc. Environmental Science**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	EVS3501	ECOSYSTEM MANAGEMENT	13	100	3	1.8	100	3	1.2	3
	EVS3502	WILDLIFE BIOLOGY	13	100	3	1.8	100	3	1.2	3
	EVS3503	GEOSCIENCE	13	100	3	1.8	84.62	3	1.2	3
	EVS3504	NATURE CONSERVATION	13	100	3	1.8	100	3	1.2	3
	EVS3505	ENVIRONMENTAL GOVERNANCE, LAWS AND ETHICS	13	100	3	1.8	100	3	1.2	3
	EVS3506	ENVIRONMENTAL BIOTECHNOLOGY	13	100	3	1.8	100	3	1.2	3
	EVS3507	ENVIRONMENTAL SCIENCE PRACTICAL - I	13	92.31	3	1.8	100	3	1.2	3
	EVS3508	ENVIRONMENTAL SCIENCE PRACTICAL – II	13	92.31	3	1.8	84.62	3	1.2	3
	EVS3509	ENVIRONMENTAL SCIENCE PRACTICAL – III	13	100	3	1.8	100	3	1.2	3
VI	EVS3601	CLIMATE CHANGE	13	61.54	3	1.8	61.54	3	1.2	3
	EVS3602	ANALYTICAL METHODS	13	46.15	2	1.2	100	3	1.2	2.4
	EVS3603	SUSTAINABLE DEVELOPMENT	13	53.85	2	1.2	92.31	3	1.2	2.4
	EVS3604	ENVIRONMENTAL STATISTICS	13	61.54	3	1.8	92.31	3	1.2	3
	EVS3605	ENVIRONMENTAL RISK AND ASSESSMENT MANAGEMENT	13	69.23	3	1.8	92.31	3	1.2	3
	EVS3606	ENVIRONMENTAL ECONOMICS AND AUDIT	13	69.23	3	1.8	100	3	1.2	3
	EVS3607	ENVIRONMENTAL SCIENCE PRACTICAL - I	13	92.31	3	1.8	61.54	3	1.2	3
	EVS3608	ENVIRONMENTAL SCIENCE PRACTICAL – II	13	92.31	3	1.8	76.92	3	1.2	3
	EVS3609	PROJECT	13	92.31	3	1.8	76.92	3	1.2	3

	<b>Total</b>	<b>234</b>	<b>1523.09</b>	<b>52</b>	<b>31.2</b>	<b>623.09</b>	<b>54</b>	<b>21.6</b>	<b>52.8</b>
	<b>Average</b>	<b>13</b>	<b>84.62</b>	<b>2.89</b>	<b>1.73</b>	<b>90.17</b>	<b>3</b>	<b>1.2</b>	<b>2.93</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.93	3	2.05	0.9	2.95	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Philosophy**  
**Under Graduate Program : B.A. Philosophy**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	PHILGEN3501	MODERN INDIAN PHILOSOPHER	25	84	3	1.8	100	3	1.2	3
	PHILSPL3502	INDIAN & WESTERN PHILOSOPHY	15	66.67	3	1.8	93.33	3	1.2	3
	PHILSPL3503	JAIN PHILOSOPHY	15	80	3	1.8	93.33	3	1.2	3
VI	PHILGEN3601	MODERN INDIAN PHILOSOPHER	25	44	2	1.2	84	3	1.2	2.4
	PHILSPL3602	INDIAN & WESTERN PHILOSOPHY	15	40	2	1.2	93.33	3	1.2	2.4
	PHILSPL3603	JAIN PHILOSOPHY	15	60	3	1.8	100	3	1.2	3
<b>Total</b>			<b>110</b>	<b>374.67</b>	<b>16</b>	<b>9.6</b>	<b>563.99</b>	<b>18</b>	<b>7.2</b>	<b>16.8</b>
<b>Average</b>			<b>18.33</b>	<b>62.44</b>	<b>2.67</b>	<b>1.6</b>	<b>94</b>	<b>3</b>	<b>1.2</b>	<b>2.8</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.8	3	1.96	0.9	2.86	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Retail**  
**Under Graduate Program : B.Voc. Retail Management**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	RM-1501 T	MARKETING RESEARCH	29	82.76	3	1.8	31.03	1	0.4	2.2
	RM-1502 T	BANK FINANCE	29	100	3	1.8	75.86	3	1.2	3
	RM-1503 T	HUMAN RESOURCE MANAGEMENT FOR RETAIL MANAGEMENT	29	100	3	1.8	34.48	1	0.4	2.2
	RM-1504 P	INTERNSHIP	29	100	3	1.8	72.41	3	1.2	3
	RM-1505 P	MATERIAL AND LOGISTICS MANAGEMENT	11	100	3	1.8	18.18	1	0.4	2.2
	RM-1506 P	RETAIL STORE OPERATION-III	29	96.55	3	1.8	93.1	3	1.2	3
VI	RM-1601 T	MARKETING MANAGEMENT	40	27.5	1	0.6	87.5	3	1.2	1.8
	RM-1602 T	RETAIL FINANCIAL SERVICES	40	42.5	2	1.2	92.5	3	1.2	2.4
	RM-1603 T	ENTREPRENEURSHIP DEVELOPMENT	40	60	3	1.8	60	3	1.2	3
	RM-1604 P	INTERNSHIP	40	100	3	1.8	95	3	1.2	3
	RM-1605 P	E-COMMERCE AND DIGITAL MARKETING	40	30	1	0.6	77.5	3	1.2	1.8
	RM-1606 P	RETAIL STORE OPERATION-IV	40	90	3	1.8	62.5	3	1.2	3
<b>Total</b>			<b>396</b>	<b>929.31</b>	<b>31</b>	<b>18.6</b>	<b>800.06</b>	<b>30</b>	<b>12</b>	<b>30.6</b>
<b>Average</b>			<b>33</b>	<b>77.44</b>	<b>2.58</b>	<b>1.55</b>	<b>66.67</b>	<b>2.5</b>	<b>1</b>	<b>2.55</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.55	3	1.78	0.9	2.68	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Sociology**  
**Under Graduate Program : B.A. Sociology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	SOCGEN3501	WORK AND SOCIETY / CRIME AND SOCIETY	19	94.74	3	1.8	84.21	3	1.2	3
	SOCSP3502	SOCIAL RESEARCH METHODS	5	80	3	1.8	80	3	1.2	3
	SOCSP3503	CONTEMPORARY INDIAN SOCIETY	5	100	3	1.8	80	3	1.2	3
VI	SOCGEN3601	WORK AND SOCIETY / CRIME AND SOCIETY	20	55	2	1.2	90	3	1.2	2.4
	SOCSP3602	SOCIAL RESEARCH METHODS	6	33.33	1	0.6	66.67	3	1.2	1.8
	SOCSP3603	CONTEMPORARY INDIAN SOCIETY	6	33.33	1	0.6	100	3	1.2	1.8
<b>Total</b>			<b>61</b>	<b>396.4</b>	<b>13</b>	<b>7.8</b>	<b>500.88</b>	<b>18</b>	<b>7.2</b>	<b>15</b>
<b>Average</b>			<b>10.17</b>	<b>66.07</b>	<b>2.17</b>	<b>1.3</b>	<b>83.48</b>	<b>3</b>	<b>1.2</b>	<b>2.5</b>





Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.5	3	1.75	0.9	2.65	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Food Processing**  
**Under Graduate Program : B.Voc. Food Processing**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	FP-13 T	DAIRY TECHNOLOGY	43	100	3	1.8	100	3	1.2	3
	FP-14 T	FOOD QUALITY, LAWS AND REGULATIONS	4	100	3	1.8	100	3	1.2	3
	FP-15 T	PRINCIPLE OF POST HARVEST TECHNOLOGY	43	100	3	1.8	100	3	1.2	3
	FP-5.1 P	PRACTICAL OF DAIRY TECHNOLOGY	4	75	3	1.8	100	3	1.2	3
	FP-5.2 P	ENTREPRENEURSHIP DEVELOPMENT	43	100	3	1.8	100	3	1.2	3
	FP-5.3 P	PROJECT	4	75	3	1.8	100	3	1.2	3
VI	FP-16 T	ANIMAL PRODUCT TECHNOLOGY	47	55.32	2	1.2	100	3	1.2	2.4
	FP-17 T	FOOD, SAFETY, HYGIENE AND SANITATION	47	51.06	2	1.2	100	3	1.2	2.4
	FP-18 T	PACKAGING TECHNOLOGY	47	38.3	1	0.6	100	3	1.2	1.8
	FP-6.1 P	ANIMAL PRODUCT TECHNOLOGY	47	55.32	2	1.2	100	3	1.2	2.4
	FP-6.2 P	PRACTICAL OF PACKAGING TECHNOLOGY	47	12.77	1	0.6	100	3	1.2	1.8
	FP-6.3 P	INTERNSHIP	47	55.32	2	1.2	100	3	1.2	2.4
<b>Total</b>			<b>423</b>	<b>818.09</b>	<b>28</b>	<b>16.8</b>	<b>1200</b>	<b>36</b>	<b>14.4</b>	<b>31.2</b>
<b>Average</b>			<b>35.25</b>	<b>68.17</b>	<b>2.33</b>	<b>1.4</b>	<b>100</b>	<b>3</b>	<b>1.2</b>	<b>2.6</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.6	3	1.82	0.9	2.72	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Journalism**  
**Under Graduate Program : B.Voc. Journalism & Mass Communication**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	JR-501 T	NEW MEDIA	30	90	3	1.8	76.67	3	1.2	3
	JR-502 T	INTRODUCTION TO MEDIA RESEARCH	30	20	1	0.6	3.33	1	0.4	1
	JR-503 T	MASS COMMUNICATION THEORY	30	76.67	3	1.8	30	1	0.4	2.2
	JR-504 P	NEW MEDIA-V	30	3.33	1	0.6				0.6
	JR-505 P	VIDEO PRODUCTION PROJECT (SHORT FILM/DOCUMENTARY)	30	13.33	1	0.6	10	1	0.4	1
	JR-506 P	INDUSTRY INTERNSHIP	32	71.88	3	1.8				1.8
VI	JR-601 T	BASICS OF ADVERTISING	32	34.38	1	0.6	56.25	2	0.8	1.4
	JR-602 T	BASICS OF PUBLIC RELATIONS	32	37.5	1	0.6	50	2	0.8	1.4
	JR-603 T	MEDIA MANAGEMENT	32	28.12	1	0.6	12.5	1	0.4	1
	JR-604 P	ADVERTISING PRACTICES	32	59.38	2	1.2	81.25	3	1.2	2.4
	JR-605 P	DISSERTATION/IN-DEPTH REPORTING (IDR)	32	9.38	1	0.6	71.88	3	1.2	1.8
	JR-606 P	INTERNSHIP	32	37.5	1	0.6				0.6
<b>Total</b>			<b>374</b>	<b>481.47</b>	<b>19</b>	<b>11.4</b>	<b>391.88</b>	<b>17</b>	<b>6.8</b>	<b>18.2</b>
<b>Average</b>			<b>31.17</b>	<b>40.12</b>	<b>1.58</b>	<b>0.95</b>	<b>32.66</b>	<b>1.42</b>	<b>0.57</b>	<b>1.52</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
1.52	3	1.06	0.9	1.96	3

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Computer Science**  
**Under Graduate Program : B.Sc. Computer Science**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	CSCO3501	SYSTEM PROGRAMMING & OPERATING SYSTEM	143	95.8	3	1.8	88.81	3	1.2	3
	CSCO3502	THEORETICAL COMPUTER SCIENCE	143	100	3	1.8	86.01	3	1.2	3
	CSCO3503	COMPUTER NETWORKS - I	143	99.3	3	1.8	95.8	3	1.2	3
	CSCO3504	WEB DEVELOPMENT – I	143	95.8	3	1.8	86.71	3	1.2	3
	CSCO3505	ADVANCED PROGRAMMING IN JAVA	143	97.9	3	1.8	100	3	1.2	3
	CSCO3506	OBJECT ORIENTED SOFTWARE ENGINEERING	143	100	3	1.8	100	3	1.2	3
	CSCO3507	LAB COURSE I: BASED ON CSCO3501	143	86.01	3	1.8	100	3	1.2	3
	CSCO3508	LAB COURSE II: BASED ON CSCO3505	143	46.15	2	1.2	100	3	1.2	2.4
	CSCO3509	LAB COURSE III: BASED ON CSCO3504	143	57.34	2	1.2	100	3	1.2	2.4
VI	CSCO3601	ADVANCED OPERATING SYSTEM	146	21.23	1	0.6	76.71	3	1.2	1.8
	CSCO3602	COMPILER CONSTRUCTION	146	9.59	1	0.6	58.22	2	0.8	1.4
	CSCO3603	COMPUTER NETWORKS - II	146	6.85	1	0.6	93.15	3	1.2	1.8
	CSCO3604	WEB DEVELOPMENT-II	146	12.33	1	0.6	83.56	3	1.2	1.8
	CSCO3605	ADVANCED JAVA TECHNOLOGIES – FRAMEWORKS	146	13.7	1	0.6	97.95	3	1.2	1.8
	CSCO3606	SOFTWARE METRICS & PROJECT MANAGEMENT	146	32.19	1	0.6	98.63	3	1.2	1.8
	CSCO3607	LAB COURSE I: BASED ON CSCO3601	146	75.34	3	1.8	92.47	3	1.2	3
	CSCO3608	LAB COURSE II: BASED ON CSCO3605 & MINI PROJECT USING JAVA	146	66.44	3	1.8	79.45	3	1.2	3
	CSCO3609	LAB COURSE III: BASED ON CSCO3604 & MINI PROJECT USING PHP.	146	54.79	2	1.2	76.03	3	1.2	2.4

	Total	2601	1070.76	39	23.4	1613.5	53	21.2	44.6
	Average	144.5	59.49	2.17	1.3	89.64	2.94	1.18	2.48



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.48	3	1.74	0.9	2.64	5

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





Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Statistics**  
**Under Graduate Program : B.Sc. Statistics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	STAT3501	DISTRIBUTION THEORY	48	95.83	3	1.8	93.75	3	1.2	3
	STAT3502	STATISTICAL INFERENCE- I	48	95.83	3	1.8	91.67	3	1.2	3
	STAT3503	SAMPLING METHODS	48	97.92	3	1.8	83.33	3	1.2	3
	STAT3504	DESIGN OF EXPERIMENTS	48	100	3	1.8	95.83	3	1.2	3
	STAT3505	C- PROGRAMMING	48	100	3	1.8	97.92	3	1.2	3
	STAT3506(A)	INTRODUCTION TO STOCHASTIC PROCESSES	48	89.58	3	1.8	77.08	3	1.2	3
	STAT3507	STATISTICS PRACTICAL- V	48	93.75	3	1.8	89.58	3	1.2	3
	STAT3508	STATISTICS PRACTICAL- VI	48	97.92	3	1.8	97.92	3	1.2	3
	STAT3509	STATISTICS PRACTICAL- VII	48	83.33	3	1.8	97.92	3	1.2	3
VI	STAT3601	INTRODUCTION TO REGRESSION ANALYSIS	48	47.92	2	1.2	97.92	3	1.2	2.4
	STAT3602	STATISTICAL INFERENCE- II	48	64.58	3	1.8	91.67	3	1.2	3
	STAT3603	STATISTICAL QUALITY CONTROL AND RELIABILITY	48	16.67	1	0.6	89.58	3	1.2	1.8
	STAT3604	OPERATIONS RESEARCH	48	68.75	3	1.8	91.67	3	1.2	3
	STAT3605	STATISTICAL COMPUTING USING R- SOFTWARE	48	50	2	1.2	97.92	3	1.2	2.4
	STAT3606(B)	ACTUARIAL STATISTICS	48	39.58	1	0.6	45.83	2	0.8	1.4
	STAT3607	STATISTICS PRACTICAL- VIII	48	95.83	3	1.8	97.92	3	1.2	3
	STAT3608	STATISTICS PRACTICAL- IX	48	77.08	3	1.8	95.83	3	1.2	3
	STAT3609	PROJECT	48	97.92	3	1.8	97.92	3	1.2	3

	Total	864	1412.49	48	28.8	631.26	53	21.2	50
	Average	48	78.47	2.67	1.6	90.63	2.94	1.18	2.78



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.78	3	1.95	0.9	2.85	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Zoology**  
**Under Graduate Program : B.Sc. Zoology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	ZOO3501	ANIMAL SYSTEMATICS & DIVERSITY-V	18	94.44	3	1.8	83.33	3	1.2	3
	ZOO3502	MAMMALIAN HISTOLOGY	18	88.89	3	1.8	88.89	3	1.2	3
	ZOO3503	BIOCHEMISTRY	18	100	3	1.8	66.67	3	1.2	3
	ZOO3504	ENVIRONMENTAL BIOLOGY & TOXICOLOGY	18	94.44	3	1.8	77.78	3	1.2	3
	ZOO3505	PARASITOLOGY	18	83.33	3	1.8	94.44	3	1.2	3
	ZOO3506	CELL BIOLOGY	18	100	3	1.8	83.33	3	1.2	3
	ZOO3507	ZOOLOGY PRACTICAL-V	18	94.44	3	1.8	100	3	1.2	3
	ZOO3508	ZOOLOGY PRACTICAL-VI	18	55.56	2	1.2	66.67	3	1.2	2.4
	ZOO3509	ZOOLOGY PRACTICAL-VII	18	94.44	3	1.8	66.67	3	1.2	3
VI	ZOO3601	BIOLOGICAL TECHNIQUES	18	38.89	1	0.6	100	3	1.2	1.8
	ZOO3602	MAMMALIAN PHYSIOLOGY & ENDOCRINOLOGY	18	16.67	1	0.6	100	3	1.2	1.8
	ZOO3603	GENETICS & MOLECULAR BIOLOGY	18	44.44	2	1.2	100	3	1.2	2.4
	ZOO3604	ORGANIC EVOLUTION	18	33.33	1	0.6	100	3	1.2	1.8
	ZOO3605	GENERAL EMBRYOLOGY	18	50	2	1.2	100	3	1.2	2.4
	ZOO3606	MEDICAL ENTOMOLOGY	18	66.67	3	1.8	100	3	1.2	3
	ZOO3607	ZOOLOGY PRACTICAL-VIII	18	94.44	3	1.8	94.44	3	1.2	3
	ZOO3608	ZOOLOGY PRACTICAL-IX	18	94.44	3	1.8	94.44	3	1.2	3
	ZOO3609	PROJECT	18	88.89	3	1.8	100	3	1.2	3

	<b>Total</b>	<b>324</b>	<b>1333.31</b>	<b>45</b>	<b>27</b>	<b>616.66</b>	<b>54</b>	<b>21.6</b>	<b>48.6</b>
	<b>Average</b>	<b>18</b>	<b>74.07</b>	<b>2.5</b>	<b>1.5</b>	<b>89.81</b>	<b>3</b>	<b>1.2</b>	<b>2.7</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.7	3	1.89	0.9	2.79	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Botany**  
**Under Graduate Program : B.Sc. Botany**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	BOT3501	CRYPTOGAMIC BOTANY (ALGAE, FUNGI, BRYOPHYTES & PTERIDOPHYTES)	24	95.83	3	1.8	100	3	1.2	3
	BOT3502	SPERMATOPHYTES AND PALAEOBOTANY	24	91.67	3	1.8	70.83	3	1.2	3
	BOT3503	CELL AND MOLECULAR BIOLOGY	24	100	3	1.8	100	3	1.2	3
	BOT3504	INDUSTRIAL BOTANY	24	58.33	2	1.2	91.67	3	1.2	2.4
	BOT3505	BIOSTATISTICS	24	91.67	3	1.8	95.83	3	1.2	3
	BOT3506	RESEARCH METHODOLOGY	24	87.5	3	1.8	95.83	3	1.2	3
	BOT3507	BOTANY PRACTICAL - I	24	91.67	3	1.8	100	3	1.2	3
	BOT3508	BOTANY PRACTICAL - II	24	95.83	3	1.8	100	3	1.2	3
	BOT3509	BOTANY PRACTICAL - III	24	66.67	3	1.8	79.17	3	1.2	3
VI	BOT3601	PLANT PHYSIOLOGY AND BIOCHEMISTRY	24	50	2	1.2	100	3	1.2	2.4
	BOT3602	PLANT BIOTECHNOLOGY	24	29.17	1	0.6	100	3	1.2	1.8
	BOT3603	GENETICS AND PLANT BREEDING	24	41.67	2	1.2	100	3	1.2	2.4
	BOT3604	PLANT PATHOLOGY	24	62.5	3	1.8	100	3	1.2	3
	BOT3605	PHARMACOGNOSY	24	66.67	3	1.8	95.83	3	1.2	3
	BOT3606	BOTANICAL TECHNIQUES	24	8.33	1	0.6	100	3	1.2	1.8
	BOT3607	BOTANY PRACTICAL - I	24	100	3	1.8	75	3	1.2	3
	BOT3608	BOTANY PRACTICAL - II	24	95.83	3	1.8	58.33	2	0.8	2.6
	BOT3609	PROJECT	24	95.83	3	1.8	29.17	1	0.4	2.2

	<b>Total</b>	<b>432</b>	<b>1329.17</b>	<b>47</b>	<b>28.2</b>	<b>591.66</b>	<b>51</b>	<b>20.4</b>	<b>48.6</b>
	<b>Average</b>	<b>24</b>	<b>73.84</b>	<b>2.61</b>	<b>1.57</b>	<b>88.43</b>	<b>2.83</b>	<b>1.13</b>	<b>2.7</b>





Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.7	3	1.89	0.9	2.79	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Chemistry**  
**Under Graduate Program : B.Sc. Chemistry**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	CHEM3501	PHYSICAL CHEMISTRY- I	94	97.87	3	1.8	67.02	3	1.2	3
	CHEM3502	INORGANIC CHEMISTRY-I	94	97.87	3	1.8	90.43	3	1.2	3
	CHEM3503	ORGANIC CHEMISTRY-I	94	92.55	3	1.8	95.74	3	1.2	3
	CHEM3504	ANALYTICAL CHEMISTRY-I	94	92.55	3	1.8	67.02	3	1.2	3
	CHEM3505	INDUSTRIAL CHEMISTRY-I	94	97.87	3	1.8	72.34	3	1.2	3
	CHEM3506(D)	ENVIRONMENTAL AND GREEN CHEMISTRY-I	94	97.87	3	1.8	53.19	2	0.8	2.6
	CHEM3507	PHYSICAL CHEMISTRY PRACTICAL-I	94	87.23	3	1.8	97.87	3	1.2	3
	CHEM3508	INORGANIC CHEMISTRY PRACTICAL- I	94	96.81	3	1.8	87.23	3	1.2	3
	CHEM3509	ORGANIC CHEMISTRY PRACTICAL - I	94	93.62	3	1.8	95.74	3	1.2	3
VI	CHEM3601	PHYSICAL CHEMISTRY- II	94	15.96	1	0.6	92.55	3	1.2	1.8
	CHEM3602	INORGANIC CHEMISTRY-II	94	34.04	1	0.6	88.3	3	1.2	1.8
	CHEM3603	ORGANIC CHEMISTRY-II	94	6.38	1	0.6	90.43	3	1.2	1.8
	CHEM3604	ANALYTICAL CHEMISTRY-II	94	19.15	1	0.6	82.98	3	1.2	1.8
	CHEM3605	INDUSTRIAL CHEMISTRY-II	94	19.15	1	0.6	74.47	3	1.2	1.8
	CHEM3606(D)	ENVIRONMENTAL AND GREEN CHEMISTRY-II	94	4.26	1	0.6	59.57	2	0.8	1.4
	CHEM3607	PHYSICAL CHEMISTRY PRACTICAL-II OR PHYSICAL CHEMISTRY PROJECT	94	80.85	3	1.8	97.87	3	1.2	3
	CHEM3608	INORGANIC CHEMISTRY PRACTICAL- II OR INORGANIC CHEMISTRY PROJECT	94	78.72	3	1.8	90.43	3	1.2	3
	CHEM3609	ORGANIC CHEMISTRY PRACTICAL – II OR ORGANIC CHEMISTRY PROJECT	94	69.15	3	1.8	96.81	3	1.2	3

	Total	1692	1181.9	42	25.2	499.99	52	20.8	46
	Average	94	65.66	2.33	1.4	83.33	2.89	1.16	2.56



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.56	3	1.79	0.9	2.69	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Commerce**  
**Under Graduate Program : B.Com.**

**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	COMBRF3501	BUSINESS REGULATORY FRAMEWORK-I	422	86.97	3	1.8	65.4	3	1.2	3
	COMAA3502	ADVANCED ACCOUNTING - I	422	96.21	3	1.8	88.15	3	1.2	3
	COMIE3503	INTERNATIONAL ECONOMICS - I	422	93.84	3	1.8	92.42	3	1.2	3
	COMA3504	AUDITING	422	75.59	3	1.8	63.03	3	1.2	3
	COMMM3505A	MARKETING MANAGEMENT - III	135	46.67	2	1.2	84.44	3	1.2	2.4
	COMCWA3505	COST AND WORKS ACCOUNTING - III	144	97.22	3	1.8	85.42	3	1.2	3
	COMBF3505C	BANKING AND FINANCE - III	119	90.76	3	1.8	67.23	3	1.2	3
	COMBS3505D	BUSINESS STATISTICS - III	24	29.17	1	0.6	8.33	1	0.4	1
	COMMM3506A	MARKETING MANAGEMENT - IV	135	91.85	3	1.8	87.41	3	1.2	3
	COMCWA3506	COST AND WORKS ACCOUNTING - IV	144	95.14	3	1.8	93.75	3	1.2	3
	COMBF3506C	BANKING AND FINANCE - IV	119	83.19	3	1.8	45.38	2	0.8	2.6
	COMBS3506D	BUSINESS STATISTICS - IV	24	45.83	2	1.2	33.33	1	0.4	1.6
VI	COMAA3602	ADVANCED ACCOUNTING - II	422	10.9	1	0.6	91.71	3	1.2	1.8
	COMBRF3601	BUSINESS REGULATORY FRAMEWORK-II	422	20.85	1	0.6	93.6	3	1.2	1.8
	COMBRF3601	BUSINESS REGULATORY FRAMEWORK-II	422	20.85	1	0.6	93.6	3	1.2	1.8
	COMAA3602	ADVANCED ACCOUNTING - II	422	10.9	1	0.6	91.71	3	1.2	1.8
	COMIE3603	INTERNATIONAL ECONOMICS - II	422	28.44	1	0.6	90.28	3	1.2	1.8
	COMT3604	TAXATION	422	17.54	1	0.6	93.13	3	1.2	1.8
	COMMM3605A	MARKETING MANAGEMENT - V	135	20	1	0.6	94.81	3	1.2	1.8

VI	COMCWA3605	COST AND WORKS ACCOUNTING - V	144	18.75	1	0.6	97.22	3	1.2	1.8
	COMBF3605C	BANKING AND FINANCE - V	119	22.69	1	0.6	87.39	3	1.2	1.8
	COMBS3605D	BUSINESS STATISTICS - V	24	4.17	1	0.6	91.67	3	1.2	1.8
	COMMM3606A	MARKETING MANAGEMENT - VI	135	8.15	1	0.6	86.67	3	1.2	1.8
	COMCWA3606	COST AND WORKS ACCOUNTING- VI	144	36.81	1	0.6	84.03	3	1.2	1.8
	COMBF3606C	BANKING AND FINANCE – VI	119	25.21	1	0.6	88.24	3	1.2	1.8
	COMBS3606D	BUSINESS STATISTICS - VI	24	20.83	1	0.6	100	3	1.2	1.8
Total			5908	1198.53	46	27.6	2098.35	73	29.2	56.8
Average			227.23	46.1	1.77	1.06	80.71	2.81	1.12	2.18



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.18	3	1.53	0.9	2.43	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Economics**  
**Under Graduate Program : B.A. Economics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	ECOGEN3501	ECONOMIC DEVELOPMENT AND PLANNING-I	71	100	3	1.8	94.37	3	1.2	3
	ECOSPL3502	INTERNATIONAL ECONOMICS-I	37	100	3	1.8	89.19	3	1.2	3
	ECOSPL3503	ELEMENTARY QUANTITATIVE TECHNIQUE-I	37				97.3	3	1.2	1.2
VI	ECOGEN3601	ECONOMIC DEVELOPMENT AND PLANNING-II	71	15.49	1	0.6	91.55	3	1.2	1.8
	ECOSPL3602	INTERNATIONAL ECONOMICS-II	37	40.54	2	1.2	91.89	3	1.2	2.4
	ECOSPL3603	ELEMENTARY QUANTITATIVE TECHNIQUE-II	37	35.14	1	0.6	67.57	3	1.2	1.8
<b>Total</b>			<b>290</b>	<b>291.17</b>	<b>10</b>	<b>6</b>	<b>531.87</b>	<b>18</b>	<b>7.2</b>	<b>13.2</b>
<b>Average</b>			<b>48.33</b>	<b>48.53</b>	<b>1.67</b>	<b>1</b>	<b>88.64</b>	<b>3</b>	<b>1.2</b>	<b>2.2</b>





Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.2	3	1.54	0.9	2.44	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Electronics**  
**Under Graduate Program : B.Sc. Electronics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	ELE3501	ADVANCED DIGITAL SYSTEM DESIGN USING VERILOG	13	92.31	3	1.8	100	3	1.2	3
	ELE3502	8051 MICROCONTROLLER	13	92.31	3	1.8	100	3	1.2	3
	ELE3503	ANALOG CIRCUIT DESIGN AND APPLICATIONS OF LINEAR ICS	13	100	3	1.8	92.31	3	1.2	3
	ELE3504	PRINCIPLES OF SEMICONDUCTOR DEVICES	13	100	3	1.8	100	3	1.2	3
	ELE3505	FUNDAMENTALS OF 'C' PROGRAMMING	13	100	3	1.8	100	3	1.2	3
	ELE3506	OPTICAL FIBER COMMUNICATION	13	100	3	1.8	100	3	1.2	3
	ELE3507	ELECTRONICS PRACTICAL - I	13	100	3	1.8	92.31	3	1.2	3
	ELE3508	ELECTRONICS PRACTICAL – II	13	100	3	1.8	100	3	1.2	3
	ELE3509	ELECTRONICS PRACTICAL – III (PROJECT)	13	100	3	1.8	100	3	1.2	3
VI	ELE3601	ADVANCED COMMUNICATION SYSTEMS	13	7.69	1	0.6	100	3	1.2	1.8
	ELE3602	8051 'C' PROGRAMMING AND EMBEDDED SYSTEMS	13	7.69	1	0.6	100	3	1.2	1.8
	ELE3603	POWER DEVICES AND CIRCUITS	13	7.69	1	0.6	100	3	1.2	1.8
	ELE3604	FOUNDATION OF NANO ELECTRONICS	13	23.08	1	0.6	100	3	1.2	1.8
	ELE3605	MATHEMATICAL METHODS AND CIRCUIT SIMULATION USING MATLAB	13	7.69	1	0.6	100	3	1.2	1.8
	ELE3606	INDUSTRIAL AUTOMATION	13	7.69	1	0.6	100	3	1.2	1.8
	ELE3607	ELECTRONICS PRACTICAL - I	13	92.31	3	1.8	100	3	1.2	3
	ELE3608	ELECTRONICS PRACTICAL – II	13	92.31	3	1.8	100	3	1.2	3
	ELE3609	ELECTRONICS PRACTICAL – III (PROJECT)	13	92.31	3	1.8	100	3	1.2	3

	<b>Total</b>	<b>234</b>	<b>1223.08</b>	<b>42</b>	<b>25.2</b>	<b>784.62</b>	<b>54</b>	<b>21.6</b>	<b>46.8</b>
	<b>Average</b>	<b>13</b>	<b>67.95</b>	<b>2.33</b>	<b>1.4</b>	<b>99.15</b>	<b>3</b>	<b>1.2</b>	<b>2.6</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.6	3	1.82	0.9	2.72	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of English**  
**Under Graduate Program : B.A. English**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	ENGCO3501	COMPULSORY ENGLISH	188	83.51	3	1.8	61.17	3	1.2	3
	ENGGEN3502	ADVANCED STUDY OF ENGLISH LANGUAGE AND LITERATURE	14	85.71	3	1.8	71.43	3	1.2	3
	ENGSP3503	APPRECIATING NOVEL	11	100	3	1.8	90.91	3	1.2	3
	ENGSP3504	INTRODUCTION TO LITERARY CRITICISM	11	54.55	2	1.2	54.55	2	0.8	2
	ENGFE3505	INTRODUCTION TO PRINT MEDIA AND WRITING FOR MASS MEDIA & KEY COMPETENCY MODULES	5	80	3	1.8	80	3	1.2	3
	ENGFE3506	ENTREPRENEURSHIP DEVELOPMENT, PROJECT REPORT AND ORAL COMMUNICATION IN ENGLISH.	5	80	3	1.8				1.8
VI	ENGCO3601	COMPULSORY ENGLISH	190	10	1	0.6	80.53	3	1.2	1.8
	ENGGE3602	ADVANCED STUDY OF ENGLISH LANGUAGE AND LITERATURE	16	25	1	0.6	81.25	3	1.2	1.8
	ENGSP3603	APPRECIATING NOVEL	11	54.55	2	1.2	63.64	3	1.2	2.4
	ENGSP3604	INTRODUCTION TO LITERARY CRITICISM	11	45.45	2	1.2	81.82	3	1.2	2.4
	ENGFE3605	INTRODUCTION TO PRINT MEDIA AND WRITING FOR MASS MEDIA & KEY COMPETENCY MODULES	5	80	3	1.8	100	3	1.2	3
	ENGFE3606	ENTREPRENEURSHIP DEVELOPMENT, PROJECT REPORT AND ORAL COMMUNICATION IN	5	100	3	1.8	60	3	1.2	3
		<b>Total</b>	<b>472</b>	<b>798.77</b>	<b>29</b>	<b>17.4</b>	<b>825.3</b>	<b>32</b>	<b>12.8</b>	<b>30.2</b>
		<b>Average</b>	<b>39.33</b>	<b>66.56</b>	<b>2.42</b>	<b>1.45</b>	<b>68.77</b>	<b>2.67</b>	<b>1.07</b>	<b>2.52</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.52	3	1.76	0.9	2.66	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Geography**  
**Under Graduate Program : B.A. Geography**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	GEOGEN3501	GEOGRAPHY OF TOURISM-I	64	75	3	1.8	67.19	3	1.2	3
	GEOSPL3502	PHYSICAL GEOGRAPHY OF INDIA	24	41.67	2	1.2	58.33	2	0.8	2
	GEOSPL3503	PRACTICAL IN MAP READING AND MAP MAKING	24	54.17	2	1.2	45.83	2	0.8	2
VI	GEOGEN3601	GEOGRAPHY OF TOURISM-II	65	63.08	3	1.8	76.92	3	1.2	3
	GEOSPL3602	HUMAN GEOGRAPHY OF INDIA	25	64	3	1.8	72	3	1.2	3
	GEOSPL3603	PRACTICAL IN STATISTICAL TECHNIQUES	25	36	1	0.6	64	3	1.2	1.8
<b>Total</b>			<b>227</b>	<b>333.92</b>	<b>14</b>	<b>8.4</b>	<b>384.27</b>	<b>16</b>	<b>6.4</b>	<b>14.8</b>
<b>Average</b>			<b>37.83</b>	<b>55.65</b>	<b>2.33</b>	<b>1.4</b>	<b>64.04</b>	<b>2.67</b>	<b>1.07</b>	<b>2.47</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.47	3	1.73	0.9	2.63	5

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





Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Hindi**  
**Under Graduate Program : B.A. Hindi**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	HINGEN3501	HINDI SAMANYA	28	75	3	1.8	96.43	3	1.2	3
	HINSPL3502	HINDI SAHITYA KA ITIHAS	8	62.5	3	1.8	100	3	1.2	3
	HINSPL3503	HINDI BHASHA KA VIKAS	8	87.5	3	1.8	100	3	1.2	3
VI	HINGEN3601	HINDI SAMANYA	28	25	1	0.6	78.57	3	1.2	1.8
	HINSPL3602	HINDI SAHITYA KA ITIHAS	8				100	3	1.2	1.2
	HINSPL3603	HINDI BHASHA KA VIKAS	8	37.5	1	0.6	87.5	3	1.2	1.8
<b>Total</b>			<b>88</b>	<b>287.5</b>	<b>11</b>	<b>6.6</b>	<b>562.5</b>	<b>18</b>	<b>7.2</b>	<b>13.8</b>
<b>Average</b>			<b>14.67</b>	<b>47.92</b>	<b>1.83</b>	<b>1.1</b>	<b>93.75</b>	<b>3</b>	<b>1.2</b>	<b>2.3</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.3	3	1.61	0.9	2.51	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of History**  
**Under Graduate Program : B.A. History**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	HISGEN3501	HISTORY OF THE WORLD IN 20TH CENTURY (1914-1992) PART I	54	85.19	3	1.8	85.19	3	1.2	3
	HISPL3502	INTRODUCTION TO HISTORY PART I	14	35.71	1	0.6	71.43	3	1.2	1.8
	HISPL3503	HISTORY OF ASIA IN 20TH CENTURY (1914-1992) PART I	14	78.57	3	1.8	78.57	3	1.2	3
VI	HISGEN3601	HISTORY OF THE WORLD IN 20TH CENTURY (1914-1992) PART II	54	24.07	1	0.6	81.48	3	1.2	1.8
	HISPL3602	INTRODUCTION TO HISTORY PART II	14	21.43	1	0.6	64.29	3	1.2	1.8
	HISPL3603	HISTORY OF ASIA IN 20TH CENTURY (1914-1992) PART II	14	28.57	1	0.6	71.43	3	1.2	1.8
<b>Total</b>			<b>164</b>	<b>273.54</b>	<b>10</b>	<b>6</b>	<b>452.39</b>	<b>18</b>	<b>7.2</b>	<b>13.2</b>
<b>Average</b>			<b>27.33</b>	<b>45.59</b>	<b>1.67</b>	<b>1</b>	<b>75.4</b>	<b>3</b>	<b>1.2</b>	<b>2.2</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.2	3	1.54	0.9	2.44	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Marathi**  
**Under Graduate Program : B.A. Marathi**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	MARGEN3501	ADHUNIK MARATHI SAHITYA PRAKARANCHA ABHYAS	58	70.69	3	1.8	43.1	2	0.8	2.6
	MARSPL3502	SAHITYAVICHAR	7	42.86	2	1.2	85.71	3	1.2	2.4
	MARSPL3503	MARATHICHA BHASHIK ABHYAS (ETIHASIK)	7				85.71	3	1.2	1.2
VI	MARGEN3601	ADHUNIK MARATHI SAHITYA PRAKARANCHA ABHYAS	58	25.86	1	0.6	89.66	3	1.2	1.8
	MARSPL3602	SAHITYAVICHAR	7	28.57	1	0.6	71.43	3	1.2	1.8
	MARSPL3603	MARATHICHA BHASHIK ABHYAS (ETIHASIK)	7	28.57	1	0.6	28.57	1	0.4	1
Total			144	196.55	8	4.8	404.18	15	6	10.8
Average			24	32.76	1.33	0.8	67.36	2.5	1	1.8



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
1.8	3	1.26	0.9	2.16	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Mathematics**  
**Under Graduate Program : B.Sc. Mathematics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	MAT3501	METRIC SPACES	15	40	2	1.2	33.33	1	0.4	1.6
	MAT3502	REAL ANALYSIS I	15	66.67	3	1.8	100	3	1.2	3
	MAT3503	GROUP THEORY	15	46.67	2	1.2	100	3	1.2	2.4
	MAT3504	ORDINARY DIFFERENTIAL EQUATION	15	66.67	3	1.8	100	3	1.2	3
	MAT3505	OPERATION RESEARCH	15	100	3	1.8	100	3	1.2	3
	MAT3506	NUMBER THEORY	15	53.33	2	1.2	46.67	2	0.8	2
	MAT3507	MATHEMATICS PRACTICAL - I	15	100	3	1.8	66.67	3	1.2	3
	MAT3508	MATHEMATICS PRACTICAL – II	15	80	3	1.8	40	2	0.8	2.6
	MAT3509	MATHEMATICS PRACTICAL - III	15	100	3	1.8	100	3	1.2	3
VI	MAT3601	COMPLEX ANALYSIS	15	46.67	2	1.2	100	3	1.2	2.4
	MAT3602	REAL ANALYSIS II	15	20	1	0.6	100	3	1.2	1.8
	MAT3603	RING THEORY	15	20	1	0.6	93.33	3	1.2	1.8
	MAT3604	PARTIAL DIFFERENTIAL EQUATION	15	40	2	1.2	86.67	3	1.2	2.4
	MAT3605	OPTIMIZATION TECHNIQUES	15	33.33	1	0.6	100	3	1.2	1.8
	MAT3606	LEBESGUE INTEGRATION	15	33.33	1	0.6	100	3	1.2	1.8
	MAT3607	MATHEMATICS PRACTICAL - I	15	53.33	2	1.2	100	3	1.2	2.4
	MAT3608	MATHEMATICS PRACTICAL – II	15	73.33	3	1.8	93.33	3	1.2	3
	MAT3609	PROJECT	15	100	3	1.8	100	3	1.2	3

	<b>Total</b>	<b>270</b>	<b>1073.33</b>	<b>40</b>	<b>24</b>	<b>1560</b>	<b>50</b>	<b>20</b>	<b>44</b>
	<b>Average</b>	<b>15</b>	<b>59.63</b>	<b>2.22</b>	<b>1.33</b>	<b>86.67</b>	<b>2.78</b>	<b>1.11</b>	<b>2.44</b>





Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.44	3	1.71	0.9	2.61	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Microbiology**  
**Under Graduate Program : B.Sc. Microbiology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	MICRO3501	MEDICAL MICROBIOLOGY-I	43	100	3	1.8	100	3	1.2	3
	MICRO3502	GENETICS AND MOLECULAR BIOLOGY- I	43	72.09	3	1.8	100	3	1.2	3
	MICRO3503	ENZYMOLGY	43	100	3	1.8	100	3	1.2	3
	MICRO3504	IMMUNOLOGY – I	43	100	3	1.8	93.02	3	1.2	3
	MICRO3505	FERMENTATION TECHNOLOGY-I	43	88.37	3	1.8	100	3	1.2	3
	MICRO3506	FOOD AND DAIRY MICROBIOLOGY	43	100	3	1.8	100	3	1.2	3
	MICRO3507	MICROBIOLOGY PRACTICAL - I	43	32.56	1	0.6	100	3	1.2	1.8
	MICRO3508	MICROBIOLOGY PRACTICAL - II	43	39.53	1	0.6	100	3	1.2	1.8
	MICRO3509	MICROBIOLOGY PRACTICAL - III	43	41.86	2	1.2	100	3	1.2	2.4
VI	MICRO3601	MEDICAL MICROBIOLOGY-II	43	55.81	2	1.2	100	3	1.2	2.4
	MICRO3602	GENETICS AND MOLECULAR BIOLOGY- II	43	67.44	3	1.8	100	3	1.2	3
	MICRO3603	METABOLISM	43	37.21	1	0.6	100	3	1.2	1.8
	MICRO3604	IMMUNOLOGY – II	43	9.3	1	0.6	100	3	1.2	1.8
	MICRO3605	FERMENTATION TECHNOLOGY-II	43	30.23	1	0.6	100	3	1.2	1.8
	MICRO3606	AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY	43	30.23	1	0.6	62.79	3	1.2	1.8
	MICRO3607	MICROBIOLOGY PRACTICAL - IV	43	100	3	1.8	100	3	1.2	3
	MICRO3608	MICROBIOLOGY PRACTICAL - V	43	100	3	1.8	100	3	1.2	3
	MICRO3609	PROJECT	43	100	3	1.8	100	3	1.2	3

	Total	774	1204.63	40	24	755.81	54	21.6	45.6
	Average	43	66.92	2.22	1.33	97.54	3	1.2	2.53



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.53	3	1.77	0.9	2.67	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Physics**  
**Under Graduate Program : B.Sc. Physics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	PHY3501	MATHEMATICAL METHODS OF PHYSICS-II	22	100	3	1.8	95.45	3	1.2	3
	PHY3502	CLASSICAL MECHANICS	22	95.45	3	1.8	90.91	3	1.2	3
	PHY3503	OPTICS	22	95.45	3	1.8	100	3	1.2	3
	PHY3504	SOLID STATE PHYSICS	22	95.45	3	1.8	95.45	3	1.2	3
	PHY3505	ATOMIC AND MOLECULAR PHYSICS	22	100	3	1.8	100	3	1.2	3
	PHY3507	PHYSICS PRACTICAL -I	22	100	3	1.8	100	3	1.2	3
	PHY3508	PHYSICS PRACTICAL -II	22	95.45	3	1.8	100	3	1.2	3
	PHY3509	PHYSICS PROJECT -I	22	100	3	1.8	100	3	1.2	3
VI	PHY3601	ELECTRODYNAMICS	22	50	2	1.2	95.45	3	1.2	2.4
	PHY3602	QUANTUM MECHANICS	22	36.36	1	0.6	95.45	3	1.2	1.8
	PHY3603	STATISTICAL PHYSICS	22	40.91	2	1.2	81.82	3	1.2	2.4
	PHY3604	NUCLEAR PHYSICS	22	45.45	2	1.2	63.64	3	1.2	2.4
	PHY3605(A)	ELECTRONICS II	15	46.67	2	1.2	60	3	1.2	2.4
	PHY3605(B)	ADVANCED ELECTRONICS	7	28.57	1	0.6	57.14	2	0.8	1.4
	PHY3606	PHYSICS OF NANOMATERIALS	22	36.36	1	0.6	77.27	3	1.2	1.8
	PHY3607	PHYSICS PRACTICAL -III	22	100	3	1.8	100	3	1.2	3
	PHY3608	PHYSICS PRACTICAL -IV	22	59.09	2	1.2	40.91	2	0.8	2
	PHY3609	PHYSICS PROJECT - II	22	90.91	3	1.8	95.45	3	1.2	3

	<b>Total</b>	<b>374</b>	<b>1316.12</b>	<b>43</b>	<b>25.8</b>	<b>548.94</b>	<b>52</b>	<b>20.8</b>	<b>46.6</b>
	<b>Average</b>	<b>20.78</b>	<b>73.12</b>	<b>2.39</b>	<b>1.43</b>	<b>86.05</b>	<b>2.89</b>	<b>1.16</b>	<b>2.59</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.59	3	1.81	0.9	2.71	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Politics**  
**Under Graduate Program : B.A. Politics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	POLGEN3501	POLITICAL IDEOLOGIES	90	76.67	3	1.8	57.78	2	0.8	2.6
	POLSPL3502	PUBLIC ADMINISTRATION	41	75.61	3	1.8	51.22	2	0.8	2.6
	POLSPL3503	INTERNATIONAL POLITICS	41	53.66	2	1.2	34.15	1	0.4	1.6
VI	POLGEN 3601	POLITICAL IDEOLOGIES	91	28.57	1	0.6	84.62	3	1.2	1.8
	POLSPL 3602	PUBLIC ADMINISTRATION	41	17.07	1	0.6	75.61	3	1.2	1.8
	POLSPL 3603	INTERNATIONAL POLITICS	41	17.07	1	0.6	85.37	3	1.2	1.8
<b>Total</b>			<b>345</b>	<b>268.65</b>	<b>11</b>	<b>6.6</b>	<b>388.75</b>	<b>14</b>	<b>5.6</b>	<b>12.2</b>
<b>Average</b>			<b>57.5</b>	<b>44.78</b>	<b>1.83</b>	<b>1.1</b>	<b>64.79</b>	<b>2.33</b>	<b>0.93</b>	<b>2.03</b>





Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.03	3	1.42	0.9	2.32	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Psychology**  
**Under Graduate Program : B.A. Psychology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
V	PSYGEN3501	ORGANIZATIONAL PSYCHOLOGY	23	78.26	3	1.8	91.3	3	1.2	3
	PSYSPL3502	PSYCHOLOGICAL RESEARCH	5	60	3	1.8	100	3	1.2	3
	PSYSPL3503	PSYCHOLOGY PRACTICAL: TEST	5	100	3	1.8	100	3	1.2	3
VI	PSYGEN3601	ORGANIZATIONAL PSYCHOLOGY	23	8.7	1	0.6	56.52	2	0.8	1.4
	PSYSPL3602	EXPERIMENTAL PSYCHOLOGY	5	80	3	1.8	100	3	1.2	3
	PSYSPL3603	PSYCHOLOGY PRACTICAL: EXPERIMENTS	5	60	3	1.8	100	3	1.2	3
<b>Total</b>			<b>66</b>	<b>386.96</b>	<b>16</b>	<b>9.6</b>	<b>547.82</b>	<b>17</b>	<b>6.8</b>	<b>16.4</b>
<b>Average</b>			<b>11</b>	<b>64.49</b>	<b>2.67</b>	<b>1.6</b>	<b>91.3</b>	<b>2.83</b>	<b>1.13</b>	<b>2.73</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.73	3	1.91	0.9	2.81	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Economics**  
**Post Graduate Program : M.A.Economics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	ECO5301	MACRO ECONOMICS - I	45	66.67	3	1.8	91.11	3	1.2	3
	ECO5302	ECONOMICS OF GROWTH AND DEVELOPMENT - I	45	84.44	3	1.8	86.67	3	1.2	3
	ECO5303	AGRIBUSINESS ECONOMICS - I	45	82.22	3	1.8	73.33	3	1.2	3
	ECO5304	RESEARCH METHODOLOGY	45	80	3	1.8	57.78	2	0.8	2.6
IV	ECO5401	MACRO ECONOMICS - II	45	20	1	0.6	51.11	2	0.8	1.4
	ECO5402	ECONOMICS OF GROWTH AND DEVELOPMENT –II	45	8.89	1	0.6	75.56	3	1.2	1.8
	ECO5403	AGRIBUSINESS ECONOMICS - II	45	22.22	1	0.6	100	3	1.2	1.8
	ECO5404	MODERN BANKING	45	33.33	1	0.6	93.33	3	1.2	1.8
<b>Total</b>			<b>360</b>	<b>397.77</b>	<b>16</b>	<b>9.6</b>	<b>628.89</b>	<b>22</b>	<b>8.8</b>	<b>18.4</b>
<b>Average</b>			<b>45</b>	<b>49.72</b>	<b>2</b>	<b>1.2</b>	<b>78.61</b>	<b>2.75</b>	<b>1.1</b>	<b>2.3</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.3	3	1.61	0.9	2.51	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of English**  
**Post Graduate Program : M.A. English**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	ENG 5301	INDIAN WRITING IN ENGLISH (CORE PAPER)	35	91.43	3	1.8	31.43	1	0.4	2.2
	ENG 5302	ENGLISH LANGUAGE AND LITERATURE TEACHING	35	77.14	3	1.8	97.14	3	1.2	3
	ENG 5303	DRAMA IN ENGLISH	35	94.29	3	1.8	11.43	1	0.4	2.2
	ENG 5304	AMERICAN LITERATURE	35	94.29	3	1.8	71.43	3	1.2	3
IV	ENG 5401	INDIAN WRITING IN ENGLISH (CORE PAPER)	35	2.86	1	0.6	42.86	2	0.8	1.4
	ENG 5402	ENGLISH LANGUAGE AND LITERATURE TEACHING	35	40	2	1.2	65.71	3	1.2	2.4
	ENG 5403	DRAMA IN ENGLISH	35	11.43	1	0.6	11.43	1	0.4	1
	ENG 5404	AMERICAN LITERATURE	35	8.57	1	0.6	48.57	2	0.8	1.4
<b>Total</b>			<b>280</b>	<b>420.01</b>	<b>17</b>	<b>10.2</b>	<b>380</b>	<b>16</b>	<b>6.4</b>	<b>16.6</b>
<b>Average</b>			<b>35</b>	<b>52.5</b>	<b>2.12</b>	<b>1.27</b>	<b>47.5</b>	<b>2</b>	<b>0.8</b>	<b>2.08</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.08	3	1.46	0.9	2.36	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Hindi**  
**Post Graduate Program : M.A.Hindi**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	HIN5301	SAMANYA STAR : ADHUNIK KAVYA-1	9	100	3	1.8	100	3	1.2	3
	HIN5302	VISHESH STAR : BHASHA VIDNYAN	9	100	3	1.8	100	3	1.2	3
	HIN5303	VISHESH STAR : HINDI SAHITYA KA ITIHAS	9	100	3	1.8	100	3	1.2	3
	HIN5304	VISHESH STAR : ADHUNIK HINDI ALOCHANA	9	77.78	3	1.8	77.78	3	1.2	3
IV	HIN5401	SAMANYA STAR : ADHUNIK KAVYA-2	9	66.67	3	1.8	100	3	1.2	3
	HIN5402	VISHESH STAR : BHASHA VIDNYAN	9	66.67	3	1.8	100	3	1.2	3
	HIN5403	VISHESH STAR : HINDI SAHITYA KA ITIHAS	9	66.67	3	1.8	100	3	1.2	3
	HIN5404	VISHESH STAR : LOKSAHITYA	9	77.78	3	1.8	100	3	1.2	3
<b>Total</b>			<b>72</b>	<b>655.57</b>	<b>24</b>	<b>14.4</b>	<b>777.78</b>	<b>24</b>	<b>9.6</b>	<b>24</b>
<b>Average</b>			<b>9</b>	<b>81.95</b>	<b>3</b>	<b>1.8</b>	<b>97.22</b>	<b>3</b>	<b>1.2</b>	<b>3</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
3	3	2.1	0.9	3	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of History**  
**Post Graduate Program : M.A. History**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	HIS 5301	ANCIENT AND MEDIEVAL CIVILIZATION OF THE WORLD	38	86.84	3	1.8	78.95	3	1.2	3
	HIS 5302	DEBATES IN THE INDIAN HISTORY	38	84.21	3	1.8	84.21	3	1.2	3
	HIS 5303	ECONOMIC HISTORY OF MODERN INDIA	38	76.32	3	1.8	73.68	3	1.2	3
	HIS 5304	HISTORY OF MAHARASHTRA IN THE 19TH CENTURY	38	89.47	3	1.8	89.47	3	1.2	3
IV	HIS 5401	HISTORY OF MODERN INDIA (1857 – 1971)	39	7.69	1	0.6	23.08	1	0.4	1
	HIS 5402	INTELLECTUAL HISTORY OF MODERN WEST	39	28.21	1	0.6	76.92	3	1.2	1.8
	HIS 5403	WORLD AFTER WORLD WAR II (1945 – 2000)	39	23.08	1	0.6	35.9	1	0.4	1
	HIS 5404	HISTORY OF MAHARASHTRA IN THE 20TH CENTURY	39	17.95	1	0.6	38.46	1	0.4	1
<b>Total</b>			<b>308</b>	<b>413.77</b>	<b>16</b>	<b>9.6</b>	<b>500.67</b>	<b>18</b>	<b>7.2</b>	<b>16.8</b>
<b>Average</b>			<b>38.5</b>	<b>51.72</b>	<b>2</b>	<b>1.2</b>	<b>62.58</b>	<b>2.25</b>	<b>0.9</b>	<b>2.1</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.1	3	1.47	0.9	2.37	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Marathi**  
**Post Graduate Program : M.A. Marathi**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	MAR5301	PRASAR MADHYAME AANI SAHITYA VYAVHAR	38	47.37	2	1.2	39.47	1	0.4	1.6
	MAR5302	SAHITYA : SAMIKSHA AANI SANSHODHAN	38	63.16	3	1.8	55.26	2	0.8	2.6
	MAR5303	VISHESH LEKHAKACHA ABHYAS (MADHYUGIN)	38	86.84	3	1.8	81.58	3	1.2	3
	MAR5304	MARATHITIL VAICHARIK SAHITYA	38	94.74	3	1.8	55.26	2	0.8	2.6
	MAR5302	SAHITYA : SAMIKSHA AANI SANSHODHAN	38	63.16	3	1.8	55.26	2	0.8	2.6
	MAR5303	VISHESH LEKHAKACHA ABHYAS (MADHYUGIN)	38	86.84	3	1.8	81.58	3	1.2	3
	MAR5304	MARATHITIL VAICHARIK SAHITYA	38	94.74	3	1.8	55.26	2	0.8	2.6
IV	MAR5401	PRASAR MADHYAME AANI SAHITYA VYAVHAR	38	26.32	1	0.6	57.89	2	0.8	1.4
	MAR5402	SAHITYA : SAMIKSHA AANI SANSHODHAN	38	68.42	3	1.8	84.21	3	1.2	3
	MAR5403	VISHESH LEKHAKACHA ABHYAS (MADHYUGIN)	38	60.53	3	1.8	86.84	3	1.2	3
	MAR5404	SAHITYACHA SAMAJIK DRUSHTINE ABHYAS	38	63.16	3	1.8	34.21	1	0.4	2.2
Total			418	755.28	30	18	686.82	24	9.6	27.6
Average			38	68.66	2.73	1.64	62.44	2.18	0.87	2.51

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.51	3	1.76	0.9	2.66	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Politics**  
**Post Graduate Program : M.A. Politics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	POL5301	POLITICAL THINKING IN MODERN INDIA	39	94.87	3	1.8	92.31	3	1.2	3
	POL5302	POLITICAL SOCIOLOGY	39	89.74	3	1.8	76.92	3	1.2	3
	POL5303	THEORY OF INTERNATIONAL RELATIONS	39	92.31	3	1.8	79.49	3	1.2	3
	POL5304	INDIAN ADMINISTRATION	39	97.44	3	1.8	89.74	3	1.2	3
IV	POL5401	TRADITIONS OF POLITICAL THOUGHT	40	15	1	0.6	60	3	1.2	1.8
	POL5402	POLITICAL PROCESS IN INDIA	40	42.5	2	1.2	85	3	1.2	2.4
	POL5403	POLITICAL PARTICIPATION	40	42.5	2	1.2	82.5	3	1.2	2.4
	POL5404	PARTY SYSTEM IN INDIA	40	50	2	1.2	90	3	1.2	2.4
<b>Total</b>			<b>316</b>	<b>524.36</b>	<b>19</b>	<b>11.4</b>	<b>655.96</b>	<b>24</b>	<b>9.6</b>	<b>21</b>
<b>Average</b>			<b>39.5</b>	<b>65.54</b>	<b>2.38</b>	<b>1.42</b>	<b>82</b>	<b>3</b>	<b>1.2</b>	<b>2.62</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.62	3	1.83	0.9	2.73	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Psychology**  
**Post Graduate Program : M.A. Psychology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	PSY5301	PERSONALITY	19	84.21	3	1.8	100	3	1.2	3
	PSY5302	PSYCHOPATHOLOGY - I	19	100	3	1.8	100	3	1.2	3
	PSY5303	PSYCH DIAGNOSTIC PROCEDURE AND TECHNIQUE	19	84.21	3	1.8	100	3	1.2	3
	PSY5304	PROJECT	19	36.84	1	0.6	63.16	3	1.2	1.8
IV	PSY5402	PSYCHOPATHOLOGY - II	19	68.42	3	1.8	63.16	3	1.2	3
	PSY5403	PSYCHOTHERAPIES	19	21.05	1	0.6	57.89	2	0.8	1.4
	PSY5404	PRACTICUM	19	31.58	1	0.6	78.95	3	1.2	1.8
	PSY5401	MOTIVATION AND EMOTIONS	19	15.79	1	0.6	63.16	3	1.2	1.8
<b>Total</b>			<b>152</b>	<b>442.1</b>	<b>16</b>	<b>9.6</b>	<b>626.32</b>	<b>23</b>	<b>9.2</b>	<b>18.8</b>
<b>Average</b>			<b>19</b>	<b>55.26</b>	<b>2</b>	<b>1.2</b>	<b>78.29</b>	<b>2.88</b>	<b>1.15</b>	<b>2.35</b>



Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.35	3	1.64	0.9	2.54	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Commerce**  
**Post Graduate Program : M.Com.**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	COMBF 5301	BUSINESS FINANCE	88	57.95	2	1.2	27.27	1	0.4	1.6
	COMRMB 5302	RESEARCH METHODOLOGY FOR BUSINESS	88	93.18	3	1.8	78.41	3	1.2	3
	COMAA 5303	ADVANCED AUDITING	88	90.91	3	1.8	89.77	3	1.2	3
	COMSAA 5304	SPECIALIZED AREAS IN AUDITING	88	90.91	3	1.8	71.59	3	1.2	3
IV	COMCMFS 5401	CAPITAL MARKET & FINANCIAL SERVICES	88	13.64	1	0.6	27.27	1	0.4	1
	COMIEE 5402	INDUSTRIAL ECONOMIC ENVIRONMENT	88	12.5	1	0.6	81.82	3	1.2	1.8
	COMPW 5404	PROJECT WORK	88	4.55	1	0.6				0.6
	COMRAATA 5405	RECENT ADVANCES IN ACCOUNTING, TAXATION & AUDITING	88	4.55	1	0.6	32.95	1	0.4	1
<b>Total</b>			<b>704</b>	<b>368.19</b>	<b>15</b>	<b>9</b>	<b>409.08</b>	<b>15</b>	<b>6</b>	<b>15</b>
<b>Average</b>			<b>88</b>	<b>46.02</b>	<b>1.88</b>	<b>1.12</b>	<b>51.13</b>	<b>1.88</b>	<b>0.75</b>	<b>1.87</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
1.87	3	1.31	0.9	2.21	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Library Science**  
**Post Graduate Program : M.Lib. Library Science**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
I	MLIS 101	INFORMATION, COMMUNICATION & SOCIETY	20	60	3	1.8	100	3	1.2	3
	MLIS 102	INTRODUCTION TO RESEARCH METHODOLOGY	20	80	3	1.8	90	3	1.2	3
	MLIS 103	INFORMATION RETRIEVAL	20	70	3	1.8	100	3	1.2	3
	MLIS 104	MANAGEMENT OF LIBRARIES & INFORMATION CENTRES -A	20	85	3	1.8	85	3	1.2	3
	MLIS 105	INFORMATION TECHNOLOGY: (THEORY)	20	65	3	1.8	90	3	1.2	3
	HR-101	HUMAN RIGHTS	460	95	3	1.8				1.8
II	MLIS 201	MANAGEMENT OF LIBRARIES & INFORMATION CENTRES-B	20	70	3	1.8	95	3	1.2	3
	MLIS 202	STATISTICAL TECHNIQUES OF RESEARCH BIBLIOMETRICS	20	75	3	1.8	95	3	1.2	3
	MLIS 203	BIBLIOGRAPHIC CONTROL & INFORMATION SYSTEMS	20	45	2	1.2	95	3	1.2	2.4
	MLIS 204	PROJECT	20	75	3	1.8				1.8
	MLIS 205	INFORMATION TECHNOLOGY APPLICATIONS : PRACTICAL	20	95	3	1.8	90	3	1.2	3
Total			660	815	32	19.2	840	27	10.8	30
Average			60	74.09	2.91	1.75	76.36	2.45	0.98	2.73

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.73	3	1.91	0.9	2.81	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Chemistry**  
**Post Graduate Program : M.Sc. Analytical Chemistry**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	CHA- 5301	ANALYTICAL METHOD DEVELOPMENT AND VALIDATION, NANOTECHNOLOGY	39	100	3	1.8	28.21	1	0.4	2.2
	CHA- 5302	ELECTROCHEMICAL METHODS AND FOOD ANALYSIS	39	100	3	1.8	41.03	2	0.8	2.6
	CHA- 5303	PHARMACEUTICAL ANALYSIS	39	100	3	1.8	41.03	2	0.8	2.6
	CHA- 5304	ANALYTICAL SPECTROSCOPY	39	100	3	1.8	30.77	1	0.4	2.2
	CHA- 5305	ANALYSIS OF MATERIALS	39	100	3	1.8	97.44	3	1.2	3
	CHA- 5306	INSTRUMENTAL ANALYSIS	39	94.87	3	1.8	97.44	3	1.2	3
IV	CHA- 5401	FORENSIC SCIENCE	39	74.36	3	1.8	53.85	2	0.8	2.6
	CHA- 5402	ADVANCES IN ANALYTICAL TECHNIQUES	39	58.97	2	1.2	69.23	3	1.2	2.4
	CHA- 5403	ANALYTICAL METHODS FOR ANALYSIS OF FERTILIZERS, DETERGENTS, WATER, POLYMER, PAINT AND PIGMENT	39	58.97	2	1.2	58.97	2	0.8	2
	CHA- 5404	METHODS OF ANALYSIS AND APPLICATIONS	39	51.28	2	1.2	66.67	3	1.2	2.4
	CHA- 5405	ANALYSIS OF PHARMACEUTICAL, FOOD AND BIO-ANALYTICAL SAMPLES	39	94.87	3	1.8	97.44	3	1.2	3
	CHA- 5406	PROJECT WORK	39	84.62	3	1.8	89.74	3	1.2	3
Total			468	1017.94	33	19.8	771.82	28	11.2	31
Average			39	84.83	2.75	1.65	64.32	2.33	0.93	2.58

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.58	3	1.81	0.9	2.71	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Botany**  
**Post Graduate Program : M.Sc. Botany**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	BOT5301	ANGIOSPERMS AND EVOLUTION	43	97.67	3	1.8	44.19	2	0.8	2.6
	BOT5302	DEVELOPMENTAL BOTANY	43	100	3	1.8	81.4	3	1.2	3
	BOT5303	COMPUTATIONAL BOTANY	43	95.35	3	1.8	60.47	3	1.2	3
	BOT5304(A)	ADVANCED PLANT PHYSIOLOGY OR	11	100	3	1.8	81.82	3	1.2	3
	BOT5304(B)	ADVANCED MYCOLOGY AND PLANT PATHOLOGY OR	12	100	3	1.8	91.67	3	1.2	3
	BOT5304(C)	BRYOLOGY OR	10	100	3	1.8	50	2	0.8	2.6
	BOT5304(D)	ANGIOSPERM TAXONOMY	10	100	3	1.8	90	3	1.2	3
	BOT5305	PRACTICAL'S BASED ON BOT 5301, 5302 AND 5303	43	90.7	3	1.8	90.7	3	1.2	3
	BOT5306(A)	PRACTICAL'S BASED ON SPECIAL PAPER ADVANCED PLANT. PHYSIOLOGY OR	11	100	3	1.8	81.82	3	1.2	3
	BOT5306(B)	PRACTICAL'S BASED ON SPECIAL PAPER ADVANCED MYCOLOGY AND PLANT PATHOLOGY OR	12	100	3	1.8	100	3	1.2	3
	BOT5306(C)	PRACTICAL'S BASED ON SPECIAL PAPER BRYOLOGY OR	10	100	3	1.8	100	3	1.2	3
	BOT5306(D)	PRACTICAL'S BASED ON SPECIAL PAPER ANGIOSPERM TAXONOMY	10	100	3	1.8	100	3	1.2	3
IV	BOT5401	PLANT PATHOLOGY	43	11.63	1	0.6	25.58	1	0.4	1
	BOT5404(A)	ADVANCED PHYSIOLOGY OR	11	45.45	2	1.2	54.55	2	0.8	2
	BOT5402	INDUSTRIAL BOTANY	43	65.12	3	1.8	72.09	3	1.2	3
	BOT5404(B)	ADVANCED MYCOLOGY AND PLANT PATHOLOGY OR	12	83.33	3	1.8	83.33	3	1.2	3
	BOT5403	PLANT BIOTECHNOLOGY	43	32.56	1	0.6	86.05	3	1.2	1.8
	BOT5404(C)	BRYOLOGY OR	10	10	1	0.6	70	3	1.2	1.8
	BOT5404(D)	ANGIOSPERM TAXONOMY	10	80	3	1.8	50	2	0.8	2.6



IV	BOT5405	PRACTICAL'S BASED ON 5401, 5402 AND 5403	43	86.05	3	1.8	69.77	3	1.2	3
	BOT5406	RESEARCH PROJECTS, REVIEW OF LITERATURE & SUMMER TRAINING	43	93.02	3	1.8	58.14	2	0.8	2.6
		<b>Total</b>	<b>516</b>	<b>1690.88</b>	<b>56</b>	<b>33.6</b>	<b>1541.58</b>	<b>56</b>	<b>22.4</b>	<b>56</b>
		<b>Average</b>	<b>24.57</b>	<b>80.52</b>	<b>2.67</b>	<b>1.6</b>	<b>73.41</b>	<b>2.67</b>	<b>1.07</b>	<b>2.67</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.67	3	1.87	0.9	2.77	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Computer Science**  
**Post Graduate Program : M.Sc. Computer Science**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	COMP5301	MOBILE TECHNOLOGIES	58	100	3	1.8	62.07	3	1.2	3
	COMP5302	SOFT COMPUTING	58	89.66	3	1.8	93.1	3	1.2	3
	COMP5303	WEB SERVICES	58	96.55	3	1.8	51.72	2	0.8	2.6
	COMP5304	SOFTWARE ARCHITECTURE AND DESIGN PATTERN	58	100	3	1.8	89.66	3	1.2	3
	COMP5305	LAB COURSE-ON MOBILE TECHNOLOGY AND WEB SERVICES	58	36.21	1	0.6	15.52	1	0.4	1
	COMP5306	PROJECT	58	100	3	1.8	100	3	1.2	3
	COMP5307	RECENT TRENDS IN IT (INTERNET OF THINGS)	58	100	3	1.8	87.93	3	1.2	3
IV	COMP5401	INDUSTRIAL TRAINING/ INSTITUTIONAL PROJECT (IT) (CORE)	58	98.28	3	1.8	96.55	3	1.2	3
Total			464	720.7	22	13.2	596.55	21	8.4	21.6
Average			58	90.09	2.75	1.65	74.57	2.62	1.05	2.7

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.7	3	1.89	0.9	2.79	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Electronics**  
**Post Graduate Program : M.Sc.Electronics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	ELE5301	ADVANCED COMMUNICATION ELECTRONICS	16	100	3	1.8	62.5	3	1.2	3
	ELE5302	ADVANCED EMBEDDED SYSTEMS	16	100	3	1.8	68.75	3	1.2	3
	ELE5303	DIGITAL SIGNAL PROCESSING	16	50	2	1.2	93.75	3	1.2	2.4
	ELE5304	PROGRAMMABLE LOGIC CONTROLLERS AND APPLICATIONS	16	93.75	3	1.8	43.75	2	0.8	2.6
	ELE5305	PRACTICAL COURSE –V	16	68.75	3	1.8	68.75	3	1.2	3
	ELE5306	PRACTICAL COURSE –VI	16	62.5	3	1.8	75	3	1.2	3
IV	ELE 5402	ADVANCED POWER ELECTRONICS	16	6.25	1	0.6	81.25	3	1.2	1.8
	ELE 5403	MECHATRONICS AND ROBOTICS	16	12.5	1	0.6	75	3	1.2	1.8
	ELE5401	CONTROL SYSTEMS	16				87.5	3	1.2	1.2
	ELE5404	WIRELESS SENSOR NETWORKS	16	6.25	1	0.6	62.5	3	1.2	1.8
	ELE5405	PROJECT	16				87.5	3	1.2	1.2
<b>Total</b>			<b>176</b>	<b>500</b>		<b>12</b>	<b>806.25</b>	<b>32</b>	<b>12.8</b>	<b>24.8</b>
<b>Average</b>			<b>16</b>	<b>45.45</b>	<b>1.82</b>	<b>1.09</b>	<b>73.3</b>	<b>2.91</b>	<b>1.16</b>	<b>2.25</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.25	3	1.58	0.9	2.48	4

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Geography**  
**Post Graduate Program : M.A. Geography**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	GEO5301	TROPICAL GEOMORPHOLOGY	19	89.47	3	1.8	47.37	2	0.8	2.6
	GEO5302	PRACTICAL IN GEOMORPHOLOGY	19	84.21	3	1.8	89.47	3	1.2	3
	GEO5311	GEOINFORMATICS-II	19	84.21	3	1.8	63.16	3	1.2	3
	GEO5312	PRACTICAL IN GEOINFORMATICS	19	89.47	3	1.8	63.16	3	1.2	3
	GEO5313	GEOGRAPHICAL THOUGHTS	19	94.74	3	1.8	26.32	1	0.4	2.2
	GEO5314	WATERSHED MANAGEMENT	19	73.68	3	1.8	15.79	1	0.4	2.2
IV	GEO5401	GEOGRAPHY OF INDIA	19	36.84	1	0.6	42.11	2	0.8	1.4
	GEO5402	OCEANOGRAPHY	19	42.11	2	1.2	10.53	1	0.4	1.6
	GEO5403	RESEARCH METHODOLOGY	19	42.11	2	1.2	21.05	1	0.4	1.6
	GEO5404	SOIL GEOGRAPHY	19	63.16	3	1.8	15.79	1	0.4	2.2
	GEO5405	INTERPRETATION OF TOPOGRAPHICAL MAPS AND VILLAGE SURVEY	19	68.42	3	1.8	36.84	1	0.4	2.2
	GEO5406	INDIVIDUAL DISSERTATION/ RESEARCH PROJECT	19	84.21	3	1.8				1.8
<b>Total</b>			<b>228</b>	<b>852.63</b>	<b>32</b>	<b>19.2</b>	<b>431.59</b>	<b>19</b>	<b>7.6</b>	<b>26.8</b>
<b>Average</b>			<b>19</b>	<b>71.05</b>	<b>2.67</b>	<b>1.6</b>	<b>35.97</b>	<b>1.58</b>	<b>0.63</b>	<b>2.23</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.23	3	1.56	0.9	2.46	4

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





Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Chemistry**  
**Post Graduate Program : M.Sc. Inorganic Chemistry**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	CHI- 5301	ORGANOMETALLIC CHEMISTRY & HOMOGENOUS CATALYSIS	30	53.33	2	1.2	63.33	3	1.2	2.4
	CHI- 5302	INORGANIC REACTION MECHANISM AND PHOTOCHEMISTRY	30	96.67	3	1.8	20	1	0.4	2.2
	CHI- 5303	PHYSICAL METHODS I INORGANIC CHEMISTRY	30	100	3	1.8	76.67	3	1.2	3
	CHI- 5304	BIOINORGANIC AND INORGANIC MEDICINAL CHEMISTRY	30	100	3	1.8	20	1	0.4	2.2
	CHI- 5305	ANALYSIS, ESTIMATIONS AND COMPUTER APPLICATIONS	30	100	3	1.8	96.67	3	1.2	3
	CHI- 5306	INORGANIC PREPARATIONS AND INSTRUMENTAL ANALYSIS	30	100	3	1.8	93.33	3	1.2	3
IV	CHI- 5401	HETEROGENEOUS CATALYSIS AND INORGANIC POLYMERS	30	60	3	1.8	60	3	1.2	3
	CHI- 5402	MATERIAL SCIENCE I: INORGANIC MATERIALS AND SOLID STATE CHEMISTRY	30	46.67	2	1.2	73.33	3	1.2	2.4
	CHI- 5403	MATERIAL SCIENCE II: NANOMATERIALS	30	60	3	1.8	56.67	2	0.8	2.6
	CHI- 5404	INORGANIC APPLICATIONS IN INDUSTRIAL AND ENVIRONMENTAL CHEMISTRY	30	53.33	2	1.2	83.33	3	1.2	2.4
	CHI- 5405	EXTENDED PRACTICALS IN INORGANIC CHEMISTRY	30	93.33	3	1.8	80	3	1.2	3
	CHI- 5406	PROJECT WORK	30	80	3	1.8	73.33	3	1.2	3
<b>Total</b>			<b>360</b>	<b>943.33</b>	<b>33</b>	<b>19.8</b>	<b>796.66</b>	<b>31</b>	<b>12.4</b>	<b>32.2</b>
<b>Average</b>			<b>30</b>	<b>78.61</b>	<b>2.75</b>	<b>1.65</b>	<b>66.39</b>	<b>2.58</b>	<b>1.03</b>	<b>2.68</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.68	3	1.88	0.9	2.78	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Mathematics**  
**Post Graduate Program : M.Sc. Mathematics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	MAT5301	COMBINATORICS	70	98.57	3	1.8	92.86	3	1.2	3
	MAT5302	FIELD THEORY	70	90	3	1.8	100	3	1.2	3
	MAT5303	FUNCTIONAL ANALYSIS	70	91.43	3	1.8	98.57	3	1.2	3
	MAT5304	GRAPH THEORY	70	87.14	3	1.8	98.57	3	1.2	3
	MAT5305	APPLIED MATHEMATICS I	70	98.57	3	1.8	100	3	1.2	3
	MAT5306	PRACTICAL:PYTHON	70	98.57	3	1.8	71.43	3	1.2	3
IV	MAT5401	NUMBER THEORY	70	68.57	3	1.8	61.43	3	1.2	3
	MAT5402	DIFFERENTIAL GEOMETRY	70	41.43	2	1.2	70	3	1.2	2.4
	MAT5403	FOURIER ANALYSIS	70	75.71	3	1.8	57.14	2	0.8	2.6
	MAT5404	LATTICE THEORY	70	67.14	3	1.8	80	3	1.2	3
	MAT5405	APPLIED MATHEMATICS II	70	81.43	3	1.8	84.29	3	1.2	3
	MAT5406	MAT5406	70	97.14	3	1.8	97.14	3	1.2	3
<b>Total</b>			<b>840</b>	<b>995.7</b>	<b>35</b>	<b>21</b>	<b>1011.43</b>	<b>35</b>	<b>14</b>	<b>35</b>
<b>Average</b>			<b>70</b>	<b>82.98</b>	<b>2.92</b>	<b>1.75</b>	<b>84.29</b>	<b>2.92</b>	<b>1.17</b>	<b>2.92</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.92	3	2.04	0.9	2.94	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Microbiology**  
**Post Graduate Program : M.Sc. Microbiology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	MICRO5301	IMMUNOLOGY	35	100	3	1.8	100	3	1.2	3
	MICRO5302	MOLECULAR BIOLOGY I	35	100	3	1.8	60	3	1.2	3
	MICRO5303	INDUSTRIAL WASTE WATER TREATMENT	35	100	3	1.8	91.43	3	1.2	3
	MICRO5304	BIOPHYSICAL TECHNIQUES	35	100	3	1.8	100	3	1.2	3
	MICRO5305	PRACTICAL COURSE: PRACTICAL COURSE BASED ON IMMUNOLOGY, PHARMACEUTICAL MICROBIOLOGY AND INDUSTRIAL WASTE WATER TREATMENT	35	97.14	3	1.8	100	3	1.2	3
	MICRO5306	PRACTICAL COURSE: PRACTICAL COURSE BASED ON MOLECULAR BIOLOGY (I AND II) AND MICROBIAL TECHNOLOGY	35	100	3	1.8	100	3	1.2	3
IV	MICRO5401	PHARMACEUTICAL MICROBIOLOGY	35	20	1	0.6	97.14	3	1.2	1.8
	MICRO5402	MOLECULAR BIOLOGY II	35	20	1	0.6	97.14	3	1.2	1.8
	MICRO5403	MICROBIAL TECHNOLOGY	35	48.57	2	1.2	97.14	3	1.2	2.4
	MICRO5404	MEDICAL MICROBIOLOGY	35	20	1	0.6	97.14	3	1.2	1.8
	MICRO5405	DISSERTATION I	35	97.14	3	1.8	100	3	1.2	3
	MICRO5406	DISSERTATION II	35	97.14	3	1.8	100	3	1.2	3
Total			420	899.99	29	17.4	1139.99	36	14.4	31.8
Average			35	75	2.42	1.45	95	3	1.2	2.65

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.65	3	1.86	0.9	2.76	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Chemistry**  
**Post Graduate Program : M.Sc.Organic Chemistry**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	CHO- 5305	SINGLE STAGE PREPARATIONS	38	97.37	3	1.8	92.11	3	1.2	3
	CHO- 5306	DOUBLE AND MULTI STAGE PREPARATIONS	38	97.37	3	1.8	84.21	3	1.2	3
	CHO- 5301	DESIGNING OF ORGANIC SYNTHESIS AND HETEROCYCLIC CHEMISTRY	38	100	3	1.8	39.47	1	0.4	2.2
	CHO- 5302	SPECTROSCOPIC METHODS IN STRUCTURE DETERMINATION	38	100	3	1.8	78.95	3	1.2	3
	CHO- 5303	ORGANIC STEREOCHEMISTRY – I AND ORGANIC REACTION MECHANISM	38	73.68	3	1.8	36.84	1	0.4	2.2
	CHO- 5304	PHOTOCHEMISTRY, FREE RADICALS AND PERICYCLIC REACTIONS	38	97.37	3	1.8	68.42	3	1.2	3
IV	CHO- 5401	CHEMISTRY OF NATURAL PRODUCTS- I	38	39.47	1	0.6	73.68	3	1.2	1.8
	CHO- 5402	ADVANCED SYNTHETIC ORGANIC CHEMISTRY	38	84.21	3	1.8	63.16	3	1.2	3
	CHO- 5403	BIOMOLECULES, ORGANIC CHEMISTRY OF DRUG DESIGN AND CHIRAL DRUGS	38	60.53	3	1.8	63.16	3	1.2	3
	CHO- 5404	ORGANIC STEREOCHEMISTRY – II AND ASYMMETRIC SYNTHESIS	38	42.11	2	1.2	78.95	3	1.2	2.4
	CHO- 5405	INNOVATIVE EXPERIMENTS IN ORGANIC CHEMISTRY	38	100	3	1.8	86.84	3	1.2	3
	CHO- 5406	PROJECT WORK	38	78.95	3	1.8	94.74	3	1.2	3
<b>Total</b>			<b>456</b>	<b>971.06</b>	<b>33</b>	<b>19.8</b>	<b>860.53</b>	<b>32</b>	<b>12.8</b>	<b>32.6</b>
<b>Average</b>			<b>38</b>	<b>80.92</b>	<b>2.75</b>	<b>1.65</b>	<b>71.71</b>	<b>2.67</b>	<b>1.07</b>	<b>2.72</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.72	3	1.9	0.9	2.8	5

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





Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Physics**  
**Post Graduate Program : M.Sc. Physics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	PHY5301	STATISTICAL PHYSICS	38	92.11	3	1.8	84.21	3	1.2	3
	PHY5302	SOLID STATE PHYSICS	38	97.37	3	1.8	86.84	3	1.2	3
	PHY5303(A)	PHYSICS OF THIN FILMS-I	38	100	3	1.8	92.11	3	1.2	3
	PHY5304(A)	ELECTRONIC INSTRUMENTATION-I	38	100	3	1.8	73.68	3	1.2	3
	PHY5305	SPECIAL LAB-I	38	94.74	3	1.8	92.11	3	1.2	3
	PHY5306	PROJECT-I	38	100	3	1.8	94.74	3	1.2	3
IV	PHY5401	NUCLEAR & PARTICLE PHYSICS	39	38.46	1	0.6	69.23	3	1.2	1.8
	PHY5402	MATERIAL SCIENCE	39	84.62	3	1.8	87.18	3	1.2	3
	PHY5403(A)	PHYSICS OF THIN FILMS-II	39	58.97	2	1.2	87.18	3	1.2	2.4
	PHY5404(A)	ELECTRONIC INSTRUMENTATION-II	39	69.23	3	1.8	82.05	3	1.2	3
	PHY5405	SPECIAL LAB-II	39	82.05	3	1.8	87.18	3	1.2	3
	PHY5406	PROJECT-II	39	84.62	3	1.8	87.18	3	1.2	3
<b>Total</b>			<b>462</b>	<b>1002.17</b>	<b>33</b>	<b>19.8</b>	<b>1023.68</b>	<b>36</b>	<b>14.4</b>	<b>34.2</b>
<b>Average</b>			<b>38.5</b>	<b>83.51</b>	<b>2.75</b>	<b>1.65</b>	<b>85.31</b>	<b>3</b>	<b>1.2</b>	<b>2.85</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.85	3	2	0.9	2.9	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Statistics**  
**Post Graduate Program : M.Sc. Statistics**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	STAT5301	ASYMPTOTIC INFERENCE	47	57.45	2	1.2	23.4	1	0.4	1.6
	STAT5302	DESIGN AND ANALYSIS OF EXPERIMENTS	47	100	3	1.8	31.91	1	0.4	2.2
	STAT5303	TIME SERIES ANALYSIS	47	100	3	1.8	51.06	2	0.8	2.6
	STAT5304(A)	DATA MINING	47	100	3	1.8	65.96	3	1.2	3
	STAT5305	STATISTICS PRACTICAL-V	47	82.98	3	1.8	82.98	3	1.2	3
	STAT5306	STATISTICS PRACTICAL-VI	47	100	3	1.8	100	3	1.2	3
IV	STAT 5402	STATISTICAL PROCESS CONTROL	47	34.04	1	0.6	34.04	1	0.4	1
	STAT 5403	SURVIVAL ANALYSIS	47	53.19	2	1.2	74.47	3	1.2	2.4
	STAT5401	STOCHASTIC PROCESSES	47	51.06	2	1.2	95.74	3	1.2	2.4
	STAT5404(A)	ACTUARIAL STATISTICS	47	51.06	2	1.2	42.55	2	0.8	2
	STAT5405	STATISTICS PRACTICAL-VII	47	61.7	3	1.8	97.87	3	1.2	3
	STAT5406	PROJECT	47	100	3	1.8	100	3	1.2	3
<b>Total</b>			<b>564</b>	<b>891.48</b>	<b>30</b>	<b>18</b>	<b>799.98</b>	<b>28</b>	<b>11.2</b>	<b>29.2</b>
<b>Average</b>			<b>47</b>	<b>74.29</b>	<b>2.5</b>	<b>1.5</b>	<b>66.67</b>	<b>2.33</b>	<b>0.93</b>	<b>2.43</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.43	3	1.7	0.9	2.6	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Zoology**  
**Post Graduate Program : M.Sc. Zoology**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	ZOO5301A	ENTOMOLOGY-I	7	100	3	1.8	85.71	3	1.2	3
	ZOO5301B	ANIMAL PHYSIOLOGY-I	10	90	3	1.8	100	3	1.2	3
	ZOO5302	INSECT PHYSIOLOGY, BIOCHEMISTRY AND ECOLOGY	17	47.06	2	1.2	70.59	3	1.2	2.4
	ZOO5303	MAMMALIAN REPRODUCTIVE PHYSIOLOGY AND HISTOLOGY & HISTOCHEMISTRY	17	100	3	1.8	100	3	1.2	3
	ZOO5304	ECONOMIC ZOOLOGY	17	94.12	3	1.8	76.47	3	1.2	3
	ZOO5305A	ZOOLOGY PRACTICALS-1(BASED ON ZOO:5301A, ZOO:5302)	7	85.71	3	1.8	85.71	3	1.2	3
	ZOO5305B	ZOOLOGY PRACTICALS-1(BASED ON ZOO:5301B, ZOO:5302)	10	80	3	1.8	60	3	1.2	3
	ZOO5306	ZOOLOGY PRACTICALS-2(BASED ON ZOO:5303, ZOO:5304)	17	76.47	3	1.8	100	3	1.2	3
IV	ZOO 5402	IMMUNOLOGY & PARASITOLOGY	17	64.71	3	1.8	58.82	2	0.8	2.6
	ZOO 5403	PEST CONTROL & TOXICOLOGY	17	64.71	3	1.8	76.47	3	1.2	3
	ZOO5401A	ENTOMOLOGY-II	7	57.14	2	1.2	57.14	2	0.8	2
	ZOO5401B	ANIMAL PHYSIOLOGY-II	10	60	3	1.8	70	3	1.2	3
	ZOO5404	ENVIRONMENTAL BIOLOGY AND ANIMAL SYSTEMATICS & DIVERSITY	17	29.41	1	0.6	41.18	2	0.8	1.4
	ZOO5405A	ZOOLOGY PRACTICALS-1 (BASED ON ZOO:5401A, ZOO:5402, ZOO:5403, ZOO:5404)	7				42.86	2	0.8	0.8
	ZOO5405B	ZOOLOGY PRACTICALS-1 (BASED ON ZOO:5401B, ZOO:5402, ZOO:5403, ZOO:5404)	10	50	2	1.2	80	3	1.2	2.4
	ZOO5406	RESEARCH PROJECT, REVIEW OF LITERATURE AND SUMMER TRAINING/INDUSTRIAL TRAINING	17	11.76	1	0.6	23.53	1	0.4	1
		<b>Total</b>	<b>204</b>	<b>1011.09</b>	<b>38</b>	<b>22.8</b>	<b>128.48</b>	<b>42</b>	<b>16.8</b>	<b>39.6</b>
		<b>Average</b>	<b>12.75</b>	<b>63.19</b>	<b>2.38</b>	<b>1.43</b>	<b>70.53</b>	<b>2.62</b>	<b>1.05</b>	<b>2.47</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.47	3	1.73	0.9	2.63	5

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



Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Food Processing**  
**Post Graduate Program : M.Voc. Food Processing**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	FPT-3.1 P	DAIRY PROCESSING TECHNOLOGY	19	100	3	1.8	100	3	1.2	3
	FPT-3.2 P	POST-HARVEST TECHNOLOGY	19	100	3	1.8	100	3	1.2	3
	FPT-3.3 P	STATISTICS AND RESEARCH METHODOLOGY	19	100	3	1.8	89.47	3	1.2	3
	FPT-3.4 P	INDUSTRIAL TRAINING/DISSERTATION PART-1	19	100	3	1.8				1.8
	FPT-301 T(A)	ELECTIVE-1: DAIRY PROCESSING TECHNOLOGY OR	19	100	3	1.8	100	3	1.2	3
	FPT-302 T	POST-HARVEST TECHNOLOGY	19	100	3	1.8	100	3	1.2	3
	FPT-303 T	FOOD SAFETY AND QUALITY MANAGEMENT	19	100	3	1.8	100	3	1.2	3
IV	FPT-4.1 P	SEMINAR BASED ON CASE STUDY	19	100	3	1.8	100	3	1.2	3
	FPT-4.2 P	INDUSTRIAL VISIT	19	100	3	1.8	100	3	1.2	3
	FPT-4.3 P	INDUSTRIAL TRAINING/DISSERTATION PART-2	19	100	3	1.8	100	3	1.2	3
<b>Total</b>			<b>190</b>	<b>1000</b>	<b>30</b>	<b>18</b>	<b>889.47</b>	<b>27</b>	<b>10.8</b>	<b>28.8</b>
<b>Average</b>			<b>19</b>	<b>100</b>	<b>3</b>	<b>1.8</b>	<b>88.95</b>	<b>2.7</b>	<b>1.08</b>	<b>2.88</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.88	3	2.02	0.9	2.92	5

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





Anekant Education Society's  
**Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)**  
**Course and Program Outcome Attainment**  
**Department of Journalism**  
**Post Graduate Program : M.Voc. Journalism**  
**Attainment of Course Outcomes (Direct Attainment) for Academic Year 2021 - 2022**

Sem	Course Code	Course Title	Total No. of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end term exam (I)	% of Students above 60 % in CIA	Level of Attainment CIA	40 % Attainment Level in CIA exam (II)	Attainment of Course (I+II)
III	MS 301B	DIGITAL JOURNALISM	5	100	3	1.8	100	3	1.2	3
	MS 302B	SOCIAL MEDIA MARKETING	5	40	2	1.2	100	3	1.2	2.4
	MS 303B	ADVERTISING	5	100	3	1.8	40	2	0.8	2.6
	MS 304B	GROUP PROJECT	5	100	3	1.8	80	3	1.2	3
	MS 305B	BROADCAST JOURNALISM	5	100	3	1.8	100	3	1.2	3
	MS 306B	DIGITAL CONTENT DEVELOPMENT	5	100	3	1.8	100	3	1.2	3
IV	MS 404B	INDUSTRIAL INTERNSHIP	5	100	3	1.8	100	3	1.2	3
	MS 405B	STUDY VISITS AND REPORT	5	100	3	1.8	20	1	0.4	2.2
	MS 406B	RESEARCH PROJECT/IN-DEPTH REPORTING	5	100	3	1.8	100	3	1.2	3
<b>Total</b>			<b>45</b>	<b>840</b>	<b>26</b>	<b>15.6</b>	<b>740</b>	<b>24</b>	<b>9.6</b>	<b>25.2</b>
<b>Average</b>			<b>5</b>	<b>93.33</b>	<b>2.89</b>	<b>1.73</b>	<b>82.22</b>	<b>2.67</b>	<b>1.07</b>	<b>2.8</b>

Levels of End Semester Examination	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scored more than average marks
Level 3	60 % and above students scoring more than average marks
Levels of Continuous Internal Assessment	
Level 1	Below 40 % of students scoring more than average marks
Level 2	40-59.99 % of students scoring more than average marks
Level 3	60 % and above students scoring more than average marks

Average Attainment by Direct Method	Average Attainment by Indirect Method	70% of Average Attainment by direct method	30 % of Average Attainment by indirect method	Average	Attainment Level
2.8	3	1.96	0.9	2.86	5

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

