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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

E-mail: principal.tccollege@gmail.com

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 Q_LM 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 Program & Course Outcomes for Academic Year 2022 - 2023





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of BBA

Under Graduate Program: BBA

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	BBA3501	SUPPLY CHAIN LOGISTIC MANAGEMENT	71	59.15	2	1.2	97.18	3	1.2	2.4
	BBA3502	ENTREPRENEURSHIP DEVELOPMENT	71	52.11	2	1.2	78.87	3	1.2	2.4
	BBA3503	BUSINESS LAW	71	16.9	1	0.6	76.06	3	1.2	1.8
	BBA3504	RESEARCH METHODOLOGY	71	69.01	3	1.8	98.59	3	1.2	3
	BBA3505(A)	HUMAN RESOURCE MANAGEMENT-I	20	65	3	1.8	80	3	1.2	3
	BBA3505(B)	FINANCIAL MANAGEMENT-I	33	42.42	2	1.2	96.97	3	1.2	2.4
	BBA3505(C)	MARKETING MANAGEMENT-I	18	61.11	3	1.8	100	3	1.2	3
	BBA3506(A)	HUMAN RESOURCE MANAGEMENT-II	20	45	2	1.2	95	3	1.2	2.4
	BBA3506(B)	FINANCIAL MANAGEMENT-II	33	63.64	3	1.8	96.97	3	1.2	3
	BBA3506(C)	MARKETING MANAGEMENT-II	18	50	2	1.2	55.56	2	0.8	2
	BBA3507(A)	HUMAN RESOURCE MANAGEMENT PROJECT	20	100	3	1.8	NA	NA	NA	1.8
	BBA3507(B)	FINANCE PROJECT	33	100	3	1.8	NA	NA	NA	1.8
	BBA3507(C)	MARKETING PROJECT	18	94.44	3	1.8	NA	NA	NA	1.8
VI	BBA3601	BUSINESS PLANNING AND PROJECT MANAGEMENT	71	49.3	2	1.2	95.77	3	1.2	2.4
	BBA3602	MANAGEMENT CONTROL SYSTEM	71	57.75	2	1.2	67.61	3	1.2	2.4
	BBA3603	E- BUSINESS	71	42.25	2	1.2	84.51	3	1.2	2.4
	BBA3604	BUSINESS ANALYTICS	71	78.87	3	1.8	98.59	3	1.2	3
	BBA3605(A)	HUMAN RESOURCE MANAGEMENT-I	20	15	1	0.6	80	3	1.2	1.8
	BBA3605(B)	FINANCIAL MANAGEMENT-I	33	75.76	3	1.8	100	3	1.2	3

VI	BBA3605(C)	MARKETING MANAGEMENT-I	18	50	2	1.2	94.44	3	1.2	2.4
	BBA3606(A)	HUMAN RESOURCE MANAGEMENT-II	20	15	1	0.6	80	3	1.2	1.8
	BBA3606(B)	FINANCIAL MANAGEMENT-II	33	93.94	3	1.8	72.73	3	1.2	3
	BBA3606(C)	MARKETING MANAGEMENT-II	18	72.22	3	1.8	50	2	0.8	2.6
	BBA3607(A)	HUMAN RESOURCE MANAGEMENT PROJECT	20	100	3	1.8	NA	NA	NA	1.8
	BBA3607(B)	FINANCIAL PROJECT	33	100	3	1.8	NA	NA	NA	1.8
	BBA3607(C)	MARKETING PROJECT	18	94.44	3	1.8	NA	NA	NA	1.8
		Total	994	1663.31	63	37.8	698.85	58	23.2	61
		Average	38.23	63.97	2.42	1.45	65.34	2.23	0.89	2.35



	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of BCA

Under Graduate Program : BCA

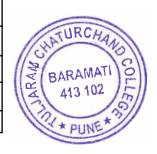
Attainment of Course Outcomes (Direct Attainment) for Academic Year 2022 - 2023

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in endliterm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	BCA3501	ANDROID APPLICATION PROGRAMMING	73	9.59	1	0.6	57.53	2	0.8	1.4
	BCA3502	.NET PROGRAMMING	73	9.59	1	0.6	94.52	3	1.2	1.8
	BCA3503(A)	CLOUD COMPUTING	73	2.74	1	0.6	42.47	2	0.8	1.4
	BCA3504(B)	MACHINE LEARNING	73	9.59	1	0.6	91.78	3	1.2	1.8
	BCA3505	PROJECT	73	100	3	1.8	NA	NA	NA	1.8
	BCA3506	PRACTICAL-I	73	71.23	3	1.8	57.53	2	0.8	2.6
	BCA3507	PRACTICAL – II	73	76.71	3	1.8	50.68	2	0.8	2.6
	BCA3508	PRACTICAL-III	73	75.34	3	1.8	87.67	3	1.2	3
VI	BCA3601	DATA ANALYTICS USING PYTHON	73	5.48	1	0.6	86.3	3	1.2	1.8
	BCA3602	NOSQL DATABASES	73	20.55	1	0.6	89.04	3	1.2	1.8
	BCA3603(A)	BIG DATA	73	15.07	1	0.6	80.82	3	1.2	1.8
	BCA3604(A)	DATA MINING	73	23.29	1	0.6	54.79	2	0.8	1.4
	BCA3605	PROJECT	73	98.63	3	1.8	NA	NA	NA	1.8
	BCA3606	PRACTICAL - I	73	95.89	3	1.8	91.78	3	1.2	3
	BCA3607	PRACTICAL – II	73	82.19	3	1.8	80.82	3	1.2	3
		Total	1095	695.89	29	17.4	965.73	34	13.6	31
		Average	73	46.39	1.93	1.16	64.38	2.27	0.91	2.07

	Levels of End Semester Examination					
Level 1	I 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
2.07	3	1.45	0.9	2.35	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



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

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	DT-501 T	QUALITY ASSURANCE AND WASTE MANAGEMENT	45	53.33	2	1.2	84.44	3	1.2	2.4
	DT-502 T	FAT RICH MILK PRODUCTS	45	71.11	3	1.8	88.89	3	1.2	3
	DT-503 T	DAIRY PLANT MANAGEMENT	45	35.56	1	0.6	42.22	2	0.8	1.4
	DT-5.1 P	QUALITY ASSURANCE AND WASTE MANAGEMENT-I	45	66.67	3	1.8	51.11	2	0.8	2.6
	DT-5.2 P	FAT RICH MILK PRODUCTS-I	45	68.89	3	1.8	64.44	3	1.2	3
	DT-5.3 P	PROJECT	45	91.11	3	1.8	62.22	3	1.2	3
VI	DT-601 T	DAIRY PRODUCT DEVELOPMENT	45	84.44	3	1.8	73.33	3	1.2	3
	DT-602 T	PACKAGING TECHNOLOGY	45	53.33	2	1.2	44.44	2	0.8	2
	DT-603 T	ENTREPRENEURSHIP DEVELOPMENT	45	77.78	3	1.8	82.22	3	1.2	3
	DT-6.1 P	DAIRY PRODUCT DEVELOPMENT-I	45	84.44	3	1.8	53.33	2	0.8	2.6
	DT-6.2 P	PACKAGING TECHNOLOGY-I	45	26.67	1	0.6	28.89	1	0.4	1
	DT-6.3 P	IN-PLANT TRAINING	45	95.56	3	1.8	84.44	3	1.2	3
		Total	540	808.89	30	18	759.97	30	12	30
		Average	45	67.41	2.5	1.5	63.33	2.5	1	2.5



	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Electronics

Under Graduate Program : B.Sc.Electronics

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	ELE3501	ADVANCED DIGITAL SYSTEM DESIGN USING VERILOG	10	10	1	0.6	100	3	1.2	1.8
	ELE3502	8051 MICROCONTROLLER	10	10	1	0.6	100	3	1.2	1.8
	ELE3503	ANALOG CIRCUIT DESIGN AND APPLICATIONS OF LINEAR ICS	10	10	1	0.6	100	3	1.2	1.8
	ELE3504	PRINCIPLES OF SEMICONDUCTOR DEVICES	10	10	1	0.6	100	3	1.2	1.8
	ELE3505	FUNDAMENTALS OF 'C' PROGRAMMING	10	10	1	0.6	100	3	1.2	1.8
	ELE3506	OPTICAL FIBER COMMUNICATION	10	10	1	0.6	100	3	1.2	1.8
	ELE3507	ELECTRONICS PRACTICAL-I	10	100	3	1.8	100	3	1.2	3
	ELE3508	ELECTRONICS PRACTICAL – II	10	80	3	1.8	100	3	1.2	3
	ELE3509	ELECTRONICS PRACTICAL – III (PROJECT)	10	90	3	1.8	100	3	1.2	3
VI	ELE3601	ADVANCED COMMUNICATION SYSTEMS	10	30	1	0.6	100	3	1.2	1.8
	ELE3602	8051 'C' PROGRAMMING AND EMBEDDED SYSTEMS	10	10	1	0.6	100	3	1.2	1.8
	ELE3603	POWER DEVICES AND CIRCUITS	10	20	1	0.6	100	3	1.2	1.8
	ELE3604	FOUNDATION OF NANO ELECTRONICS	10	30	1	0.6	100	3	1.2	1.8
	ELE3605	MATHEMATICAL METHODS AND CIRCUIT SIMULATION USING MATLAB	10	30	1	0.6	100	3	1.2	1.8
	ELE3606	INDUSTRIAL AUTOMATION	10				100	3	1.2	1.2
	ELE3607	ELECTRONICS PRACTICAL - I	10	100	3	1.8	100	3	1.2	3
	ELE3608	ELECTRONICS PRACTICAL – II	10	100	3	1.8	100	3	1.2	3
	ELE3609	ELECTRONICS PRACTICAL – III (PROJECT)	10	100	3	1.8	100	3	1.2	3

Total	180	730	27	16.2	1800	54	21.6	37.8
Average	10	40.56	1.5	0.9	100	3	1.2	2.1



	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of Environment

Under Graduate Program : B.Sc.Environment

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	EVS3501	ECOSYSTEM MANAGEMENT	3	66.67	3	1.8	100	3	1.2	3
	EVS3502	WILDLIFE BIOLOGY	3	66.67	3	1.8	100	3	1.2	3
	EVS3503	GEOSCIENCE	3	66.67	3	1.8	100	3	1.2	3
	EVS3504	NATURE CONSERVATION	3	66.67	3	1.8	100	3	1.2	3
	EVS3505	ENVIRONMENTAL GOVERNANCE, LAWS AND ETHICS	3	66.67	3	1.8	100	3	1.2	3
	EVS3506	ENVIRONMENTAL BIOTECHNOLOGY	3	66.67	3	1.8	100	3	1.2	3
	EVS3507	ENVIRONMENTAL SCIENCE PRACTICAL-I	3	66.67	3	1.8	66.67	3	1.2	3
	EVS3508	ENVIRONMENTAL SCIENCE PRACTICAL – II	3	66.67	3	1.8	66.67	3	1.2	3
	EVS3509	ENVIRONMENTAL SCIENCE PRACTICAL – III	3	100	3	1.8	66.67	3	1.2	3
VI	EVS3601	CLIMATE CHANGE	3	66.67	3	1.8	100	3	1.2	3
	EVS3602	ANALYTICAL METHODS	3	100	3	1.8	100	3	1.2	3
	EVS3603	SUSTAINABLE DEVELOPMENT	3	100	3	1.8	100	3	1.2	3
	EVS3604	ENVIRONMENTAL STATISTICS	3	66.67	3	1.8	100	3	1.2	3
	EVS3605	ENVIRONMENTAL RISK AND ASSESSMENT MANAGEMENT	3	66.67	3	1.8	100	3	1.2	3
	EVS3606	ENVIRONMENTAL ECONOMICS AND AUDIT	3	100	3	1.8	100	3	1.2	3
	EVS3607	ENVIRONMENTAL SCIENCE PRACTICAL - I	3	100	3	1.8	100	3	1.2	3
	EVS3608	ENVIRONMENTAL SCIENCE PRACTICAL – II	3	100	3	1.8	100	3	1.2	3
	EVS3609	PROJECT	3	100	3	1.8	100	3	1.2	3

Total	54	1433.37	54	32.4	700.01	54	21.6	54
Average	3	79.63	3	1.8	94.44	3	1.2	3



	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



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 2022 - 2023

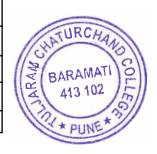
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	DEFGEN3501	INDIAS NATIONAL SECURITY IN 21ST CENTURY OR WAR AND CONTEMPORY WARFARE	22	22.73	1	0.6	45.45	2	0.8	1.4
	DEFSPL3502	INTERNATIONAL AND REGIONAL ORGANIZATIONS	5	20	1	0.6	100	3	1.2	1.8
	DEFSPL3503	DEFENCE ECONOMICS	5	60	3	1.8	80	3	1.2	3
VI	DEFGEN3601	INDIAS NATIONAL SECURITY IN 21ST CENTURY OR WAR AND CONTEMPORY	22	63.64	3	1.8	45.45	2	0.8	2.6
	DEFSPL3602	INTERNATIONAL AND REGIONAL ORGANIZATIONS	5	80	3	1.8	60	3	1.2	3
	DEFSPL3603	DEFENCE ECONOMICS	5	60	3	1.8	60	3	1.2	3
		Total	64	306.37	14	8.4	390.9	16	6.4	14.8
		Average	10.67	51.06	2.33	1.4	65.15	2.67	1.07	2.47



	Levels of End Semester Examination			
Level 1	vel 1 Below 40 % of students scoring more than average marks			
Level 2	evel 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	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



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

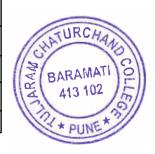
Sem	Course Code	Course Title		% of Students above 60	Level of Attainment ESE		% of Students above 60	Level of Attain ment	40 % Attainment Level in	Attain ment of Course
				% in ESE		enditerm exam (I)	% in CIA	CIA	CIA exam (II)	(I+II)
٧	ECDM-501T	ENTREPRENEURSHIP DEVELOPMENT & PROJECT MANAGEMENT	9	77.78	3	1.8	100	3	1.2	3
	ECDM-502T	MARKETING RESEARCH	9	77.78	3	1.8	100	3	1.2	3
	ECDM-503T	HUMAN RESOURCES MANAGEMENT	9	88.89	3	1.8	100	3	1.2	3
	ECDM-504P	SOCIAL MEDIA MARKETING-II	9	100	3	1.8	100	3	1.2	3
	ECDM-505P	GRAPHICS DESIGNS FOR DIGITAL MARKETING	9	100	3	1.8	100	3	1.2	3
	ECDM-506P	PROJECT-I PROJECT REPORT ON SOCIAL MEDIA MARKETING	9	100	3	1.8	100	3	1.2	3
VI	ECDM-601T	DIGITAL MEDIA AND THE LAW	9	55.56	2	1.2	100	3	1.2	2.4
	ECDM-602T	INTEGRATED MARKETING COMMUNICATION	9	55.56	2	1.2	100	3	1.2	2.4
	ECDM-603T	ADVANCE DIGITAL MARKETING - I	9	55.56	2	1.2	100	3	1.2	2.4
	ECDM-604P	ADVANCE DIGITAL MARKETING - II	9	100	3	1.8	100	3	1.2	3
	ECDM-605P	PROJECT - II PROJECT REPORT ON WEB DEVELOPMENT	9	100	3	1.8	100	3	1.2	3
	ECDM-606P	PROJECT - III PROJECT REPORT ON ADVANCE DIGITAL MARKETING	9	100	3	1.8	100	3	1.2	3
		Total	108	1011.13	33	19.8	1200	36	14.4	34.2
		Average	9	84.26	2.75	1.65	100	3	1.2	2.85



	Levels of End Semester Examination			
Level 1	vel 1 Below 40 % of students scoring more than average marks			
Level 2	_evel 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	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of Environment

Under Graduate Program : B.Sc.Environment

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	EVS3501	ECOSYSTEM MANAGEMENT	3	66.67	3	1.8	100	3	1.2	3
	EVS3502	WILDLIFE BIOLOGY	3	66.67	3	1.8	100	3	1.2	3
	EVS3503	GEOSCIENCE	3	66.67	3	1.8	100	3	1.2	3
	EVS3504	NATURE CONSERVATION	3	66.67	3	1.8	100	3	1.2	3
	EVS3505	ENVIRONMENTAL GOVERNANCE, LAWS AND ETHICS	3	66.67	3	1.8	100	3	1.2	3
	EVS3506	ENVIRONMENTAL BIOTECHNOLOGY	3	66.67	3	1.8	100	3	1.2	3
	EVS3507	ENVIRONMENTAL SCIENCE PRACTICAL-I	3	66.67	3	1.8	66.67	3	1.2	3
	EVS3508	ENVIRONMENTAL SCIENCE PRACTICAL – II	3	66.67	3	1.8	66.67	3	1.2	3
	EVS3509	ENVIRONMENTAL SCIENCE PRACTICAL – III	3	100	3	1.8	66.67	3	1.2	3
VI	EVS3601	CLIMATE CHANGE	3	66.67	3	1.8	100	3	1.2	3
	EVS3602	ANALYTICAL METHODS	3	100	3	1.8	100	3	1.2	3
	EVS3603	SUSTAINABLE DEVELOPMENT	3	100	3	1.8	100	3	1.2	3
	EVS3604	ENVIRONMENTAL STATISTICS	3	66.67	3	1.8	100	3	1.2	3
	EVS3605	ENVIRONMENTAL RISK AND ASSESSMENT MANAGEMENT	3	66.67	3	1.8	100	3	1.2	3
	EVS3606	ENVIRONMENTAL ECONOMICS AND AUDIT	3	100	3	1.8	100	3	1.2	3
	EVS3607	ENVIRONMENTAL SCIENCE PRACTICAL - I	3	100	3	1.8	100	3	1.2	3
	EVS3608	ENVIRONMENTAL SCIENCE PRACTICAL – II	3	100	3	1.8	100	3	1.2	3
	EVS3609	PROJECT	3	100	3	1.8	100	3	1.2	3

Total	54	1433.37	54	32.4	700.01	54	21.6	54
Average	3	79.63	3	1.8	94.44	3	1.2	3



	Levels of End Semester Examination			
Level 1	Below 40 % of students scoring more than average marks			
Level 2	evel 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	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Yoga

Under Graduate Program: B.A.Yoga

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	Level in	% of Students above 60 % in CIA	ment	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	YOGGEN3501	YOGA VIDYA-I	25	72	3	1.8	92	3	1.2	3
VI	YOGGEN3601	YOGA VIDYA - I	25	80	3	1.8	100	3	1.2	3
		Total	50	152	6	3.6	192	6	2.4	6
		Average	25	76	3	1.8	96	3	1.2	3



	Levels of End Semester Examination				
Level 1	Below 40 % of students scoring more than average marks				
Level 2	vel 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	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Philosophy

Under Graduate Program: B.A.Philosophy

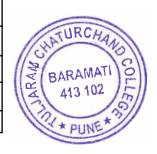
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	PHILGEN3501	MODERN INDIAN PHILOSOPHER	11	36.36	1	0.6	81.82	3	1.2	1.8
	PHILSPL3502	INDIAN & WESTERN PHILOSOPHY	6	16.67	1	0.6	83.33	3	1.2	1.8
	PHILSPL3503	JAIN PHILOSOPHY	6	16.67	1	0.6	83.33	3	1.2	1.8
VI	PHILGEN3601	MODERN INDIAN PHILOSOPHER	11	18.18	1	0.6	90.91	3	1.2	1.8
	PHILSPL3602	INDIAN & WESTERN PHILOSOPHY	6	33.33	1	0.6	100	3	1.2	1.8
	PHILSPL3603	JAIN PHILOSOPHY	6	50	2	1.2	100	3	1.2	2.4
		Total	46	171.21	7	4.2	539.39	18	7.2	11.4
		Average	7.67	28.53	1.17	0.7	89.9	3	1.2	1.9



	Levels of End Semester Examination				
Level 1	Below 40 % of students scoring more than average marks				
Level 2	vel 2 40-59.99 % of students scored more than average marks				
Level 3	vel 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
1.9	3	1.33	0.9	2.23	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Retail

Under Graduate Program : B.Voc.Retail

Attainment of Course Outcomes (Direct Attainment) for Academic Year 2022 - 2023

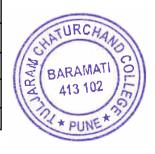
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 %	Level of Attainment ESE	I II!	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA	Attain ment of Course (I+II)
				in ESE		exam (I)	% III CIA	UIA	exam (II)	(1 · 11)
V	RM-1501 T	MARKETING RESEARCH	32	21.88	1	0.6	25	1	0.4	1
	RM-1502 T	BANK FINANCE	32	37.5	1	0.6	46.88	2	0.8	1.4
	RM-1503 T	HUMAN RESOURCE MANAGEMENT FOR RETAIL MANAGEMENT	32	31.25	1	0.6	25	1	0.4	1
	RM-1504 P	INTERNSHIP	32	46.88	2	1.2	62.5	3	1.2	2.4
	RM-1505 P	MATERIAL AND LOGISTICS MANAGEMENT	32	21.88	1	0.6	28.12	1	0.4	1
	RM-1506 P	RETAIL STORE OPERATION-III	32	46.88	2	1.2	53.12	2	0.8	2
VI	RM-1601 T	MARKETING MANAGEMENT	32	37.5	1	0.6	50	2	0.8	1.4
	RM-1602 T	RETAIL FINANCIAL SERVICES	32	71.88	3	1.8	68.75	3	1.2	3
	RM-1603 T	ENTREPRENEURSHIP DEVELOPMENT	32	43.75	2	1.2	43.75	2	0.8	2
	RM-1604 P	INTERNSHIP	32	78.12	3	1.8	81.25	3	1.2	3
	RM-1605 P	E-COMMERCE AND DIGITAL MARKETING	32	25	1	0.6	34.38	1	0.4	1
	RM-1606 P	RETAIL STORE OPERATION-IV	32	46.88	2	1.2	56.25	2	0.8	2
		Total	384	509.4	20	12	575	23	9.2	21.2
		Average	32	42.45	1.67	1	47.92	1.92	0.77	1.77



	Levels of End Semester Examination				
Level 1	Below 40 % of students scoring more than average marks				
Level 2	vel 2 40-59.99 % of students scored more than average marks				
Level 3	vel 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
1.77	3	1.24	0.9	2.14	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Sanskrit

Under Graduate Program: B.A.Sanskrit

Sem	Course Code	Course Title	i Otuuciito	% of Students above 60 % in ESE	Level of Attainment ESE	Level in	% of Students above 60 % in CIA	ment	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	SANGEN3501	SANSKRIT BHASHA PRABODH-I	7	14.29	1	0.6	85.71	3	1.2	1.8
VI	SANGEN3601	SANSKRIT BHASHA PRABODH - II	7	28.57	1	0.6	42.86	2	0.8	1.4
		Total	14	42.86	2	1.2	128.57	5	2	3.2
		Average	7	21.43	1	0.6	64.28	2.5	1	1.6



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
1.6	3	1.12	0.9	2.02	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Sociology

Under Graduate Program : B.A.Sociology

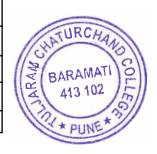
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in end⊓term exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	SOCGEN3501	WORK AND SOCIETY / CRIME AND SOCIETY	38	36.84	1	0.6	86.84	3	1.2	1.8
soc	SPL3502	SOCIAL RESEARCH METHODS	12	25	1	0.6	83.33	3	1.2	1.8
SOC	SPL3503	CONTEMPORARY INDIAN SOCIETY	12	70	3	1.8	91.67	3	1.2	3
VI	SOCGEN3601	WORK AND SOCIETY / CRIME AND SOCIETY	38	57.89	2	1.2	89.47	3	1.2	2.4
SOC	SPL3602	SOCIAL RESEARCH METHODS	12	16.67	1	0.6	66.67	3	1.2	1.8
SOC	SPL3603	CONTEMPORARY INDIAN SOCIETY	12	50	2	1.2	75	3	1.2	2.4
		Total	124	186.4	7	4.2	492.98	18	7.2	11.4
		Average	20.67	31.07	1.17	0.7	82.16	3	1.2	1.9



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
1.9	3	1.33	0.9	2.23	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



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

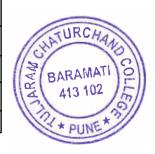
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60	Level of Attainment ESE	Level in enditerm	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA	Attain ment of Course (I+II)
V	FP-13 T	DAIRY TECHNOLOGY	44	in ESE 70.45	3	exam (I) 1.8	100	3	exam (II) 1.2	3
	FP-14 T	FOOD QUALITY, LAWS AND REGULATIONS	44	43.18	2	1.2	100	3	1.2	2.4
	FP-15 T	PRINCIPLE OF POST HARVEST TECHNOLOGY		65.91	3	1.8	100	3	1.2	3
	FP-5.1 P	PRACTICAL OF DAIRY TECHNOLOGY	44	36.36	1	0.6	100	3	1.2	1.8
	FP-5.2 P	ENTREPRENEURSHIP DEVELOPMENT	44	34.09	1	0.6	100	3	1.2	1.8
	FP-5.3 P	PROJECT	44	52.27	2	1.2	100	3	1.2	2.4
VI	FP-16 T	ANIMAL PRODUCT TECHNOLOGY	44	86.36	3	1.8	97.73	3	1.2	3
	FP-17 T	FOOD, SAFETY, HYGIENE AND SANITATION	44	72.73	3	1.8	97.73	3	1.2	3
	FP-18 T	PACKAGING TECHNOLOGY	44	61.36	3	1.8	97.73	3	1.2	3
	FP-6.1 P	ANIMAL PRODUCT TECHNOLOGY	44	9.09	1	0.6	97.73	3	1.2	1.8
	FP-6.2 P	PRACTICAL OF PACKAGING TECHNOLOGY	44	25	1	0.6	97.73	3	1.2	1.8
	FP-6.3 P	INTERNSHIP	44	25	1	0.6	97.73	3	1.2	1.8
		Total	528	581.8	24	14.4	186.38	36	14.4	28.8
		Average	44	48.48	2	1.2	98.86	3	1.2	2.4



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
2.4	3	1.68	0.9	2.58	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Journailism

Under Graduate Program : B.Voc.Journalism

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 %	Level of Attainment ESE	Level in enditerm	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA	Attain ment of Course (I+II)
V	JR-501 T	INTRODUCTION TO DIGITAL MEDIA	21	in ESE 23.81	1	exam (I) 0.6	66.67	3	exam (II) 1.2	1.8
	JR-502 T	INTRODUCTION TO MEDIA RESEARCH	21	19.05	1	0.6	90.48	3	1.2	1.8
	JR-503 T	MASS COMMUNICATION THEORY	21	4.76	1	0.6	38.1	1	0.4	1
	JR-504 P	CONTENT DEVELOPMENT FOR DIGITAL MEDIA	21	71.43	3	1.8	80.95	3	1.2	3
	JR-505 P	VIDEO PRODUCTION PROJECT	21	38.1	1	0.6	28.57	1	0.4	1
	JR-506 P	INDUSTRY INTERNSHIP	21	71.43	3	1.8	NA	NA	NA	1.8
VI	JR-601 T	BASICS OF ADVERTISING	21	23.81	1	0.6	23.81	1	0.4	1
	JR-602 T	BASICS OF PUBLIC RELATIONS	21	19.05	1	0.6	61.9	3	1.2	1.8
	JR-603 T	MEDIA MANAGEMENT	21	19.05	1	0.6	66.67	3	1.2	1.8
	JR-604 P	ADVERTISING PRACTICES	21	57.14	2	1.2	85.71	3	1.2	2.4
	JR-605 P	DISSERTATION/IN-DEPTH REPORTING (IDR)	21	90.48	3	1.8	85.71	3	1.2	3
	JR-606 P	INTERNSHIP	21	90.48	3	1.8	NA	NA	NA	1.8
		Total	252	528.59	21	12.6	628.57	24	9.6	22.2
		Average	21	44.05	1.75	1.05	52.38	2	0.8	1.85



	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	evel 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
1.85	3	1.3	0.9	2.2	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





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

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	CSCO3501	SYSTEM PROGRAMMING & OPERATING SYSTEM	128	17.19	1	0.6	90.62	3	1.2	1.8
	CSCO3502	THEORETICAL COMPUTER SCIENCE	128	21.09	1	0.6	92.97	3	1.2	1.8
	CSCO3503	COMPUTER NETWORKS-I	128	24.22	1	0.6	82.03	3	1.2	1.8
	CSCO3504	WEB DEVELOPMENT – I		11.72	1	0.6	70.31	3	1.2	1.8
	CSCO3505	ADVANCED PROGRAMMING IN JAVA	128	4.69	1	0.6	75.78	3	1.2	1.8
	CSCO3506	OBJECT ORIENTED SOFTWARE ENGINEERING	128	23.44	1	0.6	96.09	3	1.2	1.8
	CSCO3507	LAB COURSE I: BASED ON CSCO3501	128	35.16	1	0.6	91.41	3	1.2	1.8
	CSCO3508	LAB COURSE II: BASED ON CSCO3505	128	40.62	2	1.2	36.72	1	0.4	1.6
	CSCO3509	LAB COURSE III: BASED ON CSCO3504	128	46.09	2	1.2	58.59	2	0.8	2
VI	CSCO3601	ADVANCED OPERATING SYSTEM	128	25	1	0.6	87.5	3	1.2	1.8
	CSCO3602	COMPILER CONSTRUCTION	128	45.31	2	1.2	82.81	3	1.2	2.4
	CSCO3603	COMPUTER NETWORKS - II	128	54.69	2	1.2	84.38	3	1.2	2.4
	CSCO3604	WEB DEVELOPMENT-II	128	28.12	1	0.6	92.19	3	1.2	1.8
	CSCO3605	ADVANCED JAVA TECHNOLOGIES – FRAMEWORKS	128	23.44	1	0.6	76.56	3	1.2	1.8
	CSCO3606	SOFTWARE METRICS & PROJECT MANAGEMENT	128	46.09	2	1.2	94.53	3	1.2	2.4
	CSCO3607	LAB COURSE I: BASED ON CSCO3601	128	47.66	2	1.2	75.78	3	1.2	2.4
	CSCO3608	LAB COURSE II: BASED ON CSCO3605 & MINI PROJECT USING JAVA	128	41.41	2	1.2	60.16	3	1.2	2.4
	CSCO3609	LAB COURSE III: BASED ON CSCO3604 & MINI PROJECT USING PHP.	128	78.91	3	1.8	76.56	3	1.2	3

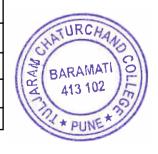
Total	2304	614.85	27	16.2	1424.99	51	20.4	36.6
Average	128	34.16	1.5	0.9	79.17	2.83	1.13	2.03



	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of Statistics

Under Graduate Program: B.Sc.Statistics

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	STAT3501	DISTRIBUTION THEORY	36	52.78	2	1.2	97.22	3	1.2	2.4
	STAT3502	STATISTICAL INFERENCE- I	36	50	2	1.2	100	3	1.2	2.4
	STAT3503	SAMPLING METHODS	36	22.22	1	0.6	94.44	3	1.2	1.8
	STAT3504	DESIGN OF EXPERIMENTS	36	61.11	3	1.8	100	3	1.2	3
	STAT3505	C- PROGRAMMING	36	30.56	1	0.6	100	3	1.2	1.8
	STAT3506(A)	INTRODUCTION TO STOCHASTIC PROCESSES	36	47.22	2	1.2	94.44	3	1.2	2.4
	STAT3507	STATISTICS PRACTICAL- V	36	91.67	3	1.8	100	3	1.2	3
	STAT3508	STATISTICS PRACTICAL- VI	36	100	3	1.8	100	3	1.2	3
	STAT3509	STATISTICS PRACTICAL- VII	36	97.22	3	1.8	100	3	1.2	3
VI	STAT3601	INTRODUCTION TO REGRESSION ANALYSIS	36	72.22	3	1.8	94.44	3	1.2	3
	STAT3602	STATISTICAL INFERENCE- II	36	69.44	3	1.8	88.89	3	1.2	3
	STAT3603	STATISTICAL QUALITY CONTROL AND RELIABILITY	36	75	3	1.8	86.11	3	1.2	3
	STAT3604	OPERATIONS RESEARCH	36	80.56	3	1.8	94.44	3	1.2	3
	STAT3605	STATISTICAL COMPUTING USING R- SOFTWARE	36	80.56	3	1.8	100	3	1.2	3
	STAT3606(B)	ACTURIAL STATISTICS	36	50	2	1.2	86.11	3	1.2	2.4
	STAT3607	STATISTICS PRACTICAL- VIII	36	75	3	1.8	97.22	3	1.2	3
	STAT3608	STATISTICS PRACTICAL- IX	36	91.67	3	1.8	97.22	3	1.2	3
	STAT3609	PROJECT	36	100	3	1.8	100	3	1.2	3

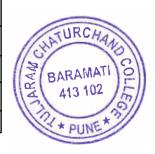
Total	648	1247.23	46	27.6	730.53	54	21.6	49.2
Average	36	69.29	2.56	1.53	96.14	3	1.2	2.73



	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of Zoology

Under Graduate Program: B.Sc.Zoology

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	ZOO3501	ANIMAL SYSTEMATICS & DIVERSITY-V	46	17.39	1	0.6	86.96	3	1.2	1.8
	ZOO3502	MAMMALIAN HISTOLOGY	46	36.96	1	0.6	89.13	3	1.2	1.8
	ZOO3503	BIOCHEMISTRY	46	23.91	1	0.6	67.39	3	1.2	1.8
	ZOO3504	ENVIRONMENTAL BIOLOGY & TOXICOLOGY	46	43.48	2	1.2	91.3	3	1.2	2.4
	ZOO3505	PARASITOLOGY	46	28.26	1	0.6	80.43	3	1.2	1.8
	ZOO3506	CELL BIOLOGY	46	13.04	1	0.6	63.04	3	1.2	1.8
	ZOO3507	ZOOLOGY PRACTICAL-V	46	41.3	2	1.2	91.3	3	1.2	2.4
	ZOO3508	ZOOLOGY PRACTICAL-VI	46	63.04	3	1.8	95.65	3	1.2	3
	ZOO3509	ZOOLOGY PRACTICAL-VII	46	47.83	2	1.2	78.26	3	1.2	2.4
VI	ZOO3601	BIOLOGICAL TECHNIQUES	46	43.48	2	1.2	89.13	3	1.2	2.4
	ZOO3602	MAMMALIAN PHYSIOLOGY & ENDOCRINOLOGY	46	32.61	1	0.6	86.96	3	1.2	1.8
	ZOO3603	GENETICS & MOLECULAR BIOLOGY	46	41.3	2	1.2	84.78	3	1.2	2.4
	ZOO3604	ORGANIC EVOLUTION	46	39.13	1	0.6	80.43	3	1.2	1.8
	ZOO3605	GENERAL EMBRYOLOGY	46	36.96	1	0.6	97.83	3	1.2	1.8
	ZOO3606	MEDICAL ENTOMOLOGY	46	28.26	1	0.6	100	3	1.2	1.8
	ZOO3607	ZOOLOGY PRACTICAL-VIII	46	67.39	3	1.8	93.48	3	1.2	3
	ZOO3608	ZOOLOGY PRACTICAL-IX	46	67.39	3	1.8	97.83	3	1.2	3
	ZOO3609	PROJECT	46	52.17	2	1.2	91.3	3	1.2	2.4

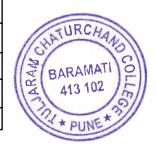
Total	828	723.9	30	18	1565.2	54	21.6	39.6
Average	46	40.22	1.67	1	86.96	3	1.2	2.2



	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of Botany

Under Graduate Program : B.Sc.Botany

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	BOT3501	CRYPTOGAMIC BOTANY (ALGAE, FUNGI, BRYOPHYTES & PTERIDOPHYTES)	37	35.14	1	0.6	89.19	3	1.2	1.8
	BOT3502	SPERMATOPHYTA AND PALAEOBOTANY	37	8.11	1	0.6	78.38	3	1.2	1.8
	BOT3503	CELL AND MOLECULAR BIOLOGY	37	24.32	1	0.6	100	3	1.2	1.8
	BOT3504	INDUSTRIAL BOTANY	37	67.57	3	1.8	94.59	3	1.2	3
	BOT3505	BIOSTATISTICS	37	16.22	1	0.6	100	3	1.2	1.8
	BOT3506	RESEARCH METHODOLOGY	37	21.62	1	0.6	43.24	2	0.8	1.4
	BOT3507	BOTANY PRACTICAL-I	37	64.86	3	1.8	43.24	2	0.8	2.6
	BOT3508	BOTANY PRACTICAL-II	37	78.38	3	1.8	59.46	2	0.8	2.6
	BOT3509	BOTANY PRACTICAL-III	37	67.57	3	1.8	62.16	3	1.2	3
VI	BOT3601	PLANT PHYSIOLOGY AND BIOCHEMISTRY	37	24.32	1	0.6	45.95	2	0.8	1.4
	BOT3602	PLANT BIOTECHNOLOGY	37	21.62	1	0.6	51.35	2	0.8	1.4
	BOT3603	GENETICS AND PLANT BREEDING	37	18.92	1	0.6	54.05	2	0.8	1.4
	BOT3604	PLANT PATHOLOGY	37	48.65	2	1.2	81.08	3	1.2	2.4
	BOT3605	PHARMACOGNOSY	37	29.73	1	0.6	94.59	3	1.2	1.8
	BOT3606	BOTANICAL TECHNIQUES	37	21.62	1	0.6	100	3	1.2	1.8
	BOT3607	BOTANY PRACTICAL - I	37	70.27	3	1.8	59.46	2	0.8	2.6
	BOT3608	BOTANY PRACTICAL - II	37	89.19	3	1.8	40.54	2	0.8	2.6
	BOT3609	PROJECT	37	89.19	3	1.8	27.03	1	0.4	2.2

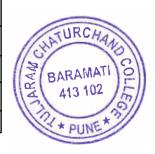
Total	666	797.3	33	19.8	1224.31	44	17.6	37.4
Average	37	44.29	1.83	1.1	68.02	2.44	0.98	2.08



	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of Chemistry

Under Graduate Program : B.Sc.Chemistry

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in endlterm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	CHEM3501	PHYSICAL CHEMISTRY- I	64	35.94	1	0.6	93.75	3	1.2	1.8
	CHEM3502	INORGANIC CHEMISTRY-I	64	34.38	1	0.6	98.44	3	1.2	1.8
	CHEM3503	ORGANIC CHEMISTRY-I	64	12.5	1	0.6	73.44	3	1.2	1.8
	CHEM3504	ANALYTICAL CHEMISTRY-I	64	32.81	1	0.6	90.62	3	1.2	1.8
	CHEM3505	INDUSTRIAL CHEMISTRY-I	64	51.56	2	1.2	93.75	3	1.2	2.4
	CHEM3506(D)	ENVIRONMENTAL AND GREEN CHEMISTRY-I	64	23.44	1	0.6	85.94	3	1.2	1.8
	CHEM3507	PHYSICAL CHEMISTRY PRACTICAL-I	64	92.19	3	1.8	96.88	3	1.2	3
	CHEM3508	INORGANIC CHEMISTRY PRACTICAL- I	64	98.44	3	1.8	92.19	3	1.2	3
	CHEM3509	ORGANIC CHEMISTRY PRACTICAL-I	64	89.06	3	1.8	90.62	3	1.2	3
VI	CHEM3601	PHYSICAL CHEMISTRY- II	64	37.5	1	0.6	98.44	3	1.2	1.8
	CHEM3602	INORGANIC CHEMISTRY-II	64	43.75	2	1.2	98.44	3	1.2	2.4
	CHEM3603	ORGANIC CHEMISTRY-II	64	18.75	1	0.6	90.62	3	1.2	1.8
	CHEM3604	ANALYTICAL CHEMISTRY-II	64	54.69	2	1.2	98.44	3	1.2	2.4
	CHEM3605	INDUSTRIAL CHEMISTRY-II	64	37.5	1	0.6	95.31	3	1.2	1.8
	CHEM3606(D)	ENVIRONMENTAL AND GREEN CHEMISTRY-II	64	28.12	1	0.6	95.31	3	1.2	1.8
	CHEM3607	PHYSICAL CHEMISTRY PRACTICAL-II OR PHYSICAL CHEMISTRY PROJECT	64	95.31	3	1.8	100	3	1.2	3
	CHEM3608	INORGANIC CHEMISTRY PRACTICAL- II OR INORGANIC CHEMISTRY PROJECT	64	85.94	3	1.8	100	3	1.2	3
	CHEM3609	ORGANIC CHEMISTRY PRACTICAL – II OR ORGANIC CHEMISTRY PROJECT	64	92.19	3	1.8	98.44	3	1.2	3

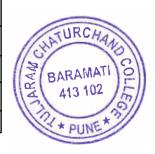
Total	1152	964.07	33	19.8	690.63	54	21.6	41.4
Average	64	53.56	1.83	1.1	93.92	3	1.2	2.3



	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



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Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Commerce

Under Graduate Program: B.Com.

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	COMBRF3501	BUSINESS REGULATORY FRAMEWORK-I	459	18.95	1	0.6	59.04	2	8.0	1.4
	COMAA3502	ADVANCED ACCOUNTING-I	459	13.94	1	0.6	44.44	2	0.8	1.4
	COMIE3503	INTERNATIONAL ECONOMICS-I	459	19.83	1	0.6	72.77	3	1.2	1.8
	COMA3504	AUDITING	459	15.03	1	0.6	39.65	1	0.4	1
	COMMM3505A	MARKETING MANAGEMENT-III	120	14.17	1	0.6	46.67	2	0.8	1.4
	COMCWA3505	COST AND WORKS ACCOUNTING-III	117	34.19	1	0.6	40.17	2	0.8	1.4
	COMBF3505C	BANKING AND FINANCE-III	177	26.55	1	0.6	53.67	2	0.8	1.4
	COMBS3505D	BUSINESS STATISTICS-III	45	17.78	1	0.6	46.67	2	0.8	1.4
	COMMM3506A	MARKETING MANAGEMENT-IV	120	12.5	1	0.6	64.17	3	1.2	1.8
	COMCWA3506	COST AND WORKS ACCOUNTING-IV	117	43.59	2	1.2	62.39	3	1.2	2.4
	COMBF3506C	BANKING AND FINANCE-IV	177	24.86	1	0.6	89.83	3	1.2	1.8
	COMBS3506D	BUSINESS STATISTICS-IV	45	31.11	1	0.6	62.22	3	1.2	1.8
VI	COMBRF3601	BUSINESS REGULATORY FRAMEWORK-II	459	37.25	1	0.6	53.81	2	0.8	1.4
	COMAA3602	ADVANCED ACCOUNTING - II	459	37.47	1	0.6	57.3	2	0.8	1.4
	COMIE3603	INTERNATIONAL ECONOMICS - II	459	23.97	1	0.6	85.19	3	1.2	1.8
	COMT3604	TAXATION	459	51.2	2	1.2	58.39	2	0.8	2
	COMMM3605A	MARKETING MANAGEMENT - V	120	33.33	1	0.6	58.33	2	0.8	1.4
	COMCWA3605	COST AND WORKS ACCOUNTING - V	117	46.15	2	1.2	61.54	3	1.2	2.4
	COMBF3605C	BANKING AND FINANCE - V	177	34.46	1	0.6	42.94	2	0.8	1.4

VI	COMBS3605D	BUSINESS STATISTICS - V	45	35.56	1	0.6	60	3	1.2	1.8
	COMMM3606A	MARKETING MANAGEMENT - VI	120	11.67	1	0.6	54.17	2	0.8	1.4
	COMCWA3606	COST AND WORKS ACCOUNTING- VI	117	39.32	1	0.6	45.3	2	0.8	1.4
	COMBF3606C	BANKING AND FINANCE – VI	177	41.81	2	1.2	96.05	3	1.2	2.4
	COMBS3606D	BUSINESS STATISTICS - VI	45	33.33	1	0.6	80	3	1.2	1.8
		Total	5508	698.02	28	16.8	434.71	57	22.8	39.6
		Average	229.5	29.08	1.17	0.7	59.78	2.38	0.95	1.65



	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
1.65	3	1.16	0.9	2.06	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Economics

Under Graduate Program: B.A.Economics

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	ECOGEN3501	ECONOMIC DEVELOPMENT AND PLANNING-I	62	20.97	1	0.6	64.52	3	1.2	1.8
	ECOSPL3502	INTERNATIONAL ECONOMICS-I	32	9.38	1	0.6	75	3	1.2	1.8
	ECOSPL3503	ELEMENTARY QUANTITATIVE TECHNIQUE-I	32	15.62	1	0.6	53.12	2	0.8	1.4
VI	ECOGEN3601	ECONOMIC DEVELOPMENT AND PLANNING-II	62	12.9	1	0.6	58.06	2	0.8	1.4
	ECOSPL3602	INTERNATIONAL ECONOMICS-II	32	18.75	1	0.6	75	3	1.2	1.8
	ECOSPL3603	ELEMENTARY QUANTITATIVE TECHNIQUE-II	32	21.88	1	0.6	40.62	2	0.8	1.4
		Total	252	99.5	6	3.6	366.32	15	6	9.6
		Average	42	16.58	1	0.6	61.05	2.5	1	1.6



	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
1.6	3	1.12	0.9	2.02	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous) Course and Program Outcome Attainment

Department of Electronics

Under Graduate Program : B.Sc.Electronics

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	ELE3501	ADVANCED DIGITAL SYSTEM DESIGN USING VERILOG	10	10	1	0.6	100	3	1.2	1.8
	ELE3502	8051 MICROCONTROLLER	10	10	1	0.6	100	3	1.2	1.8
	ELE3503	ANALOG CIRCUIT DESIGN AND APPLICATIONS OF LINEAR ICS	10	10	1	0.6	100	3	1.2	1.8
	ELE3504	PRINCIPLES OF SEMICONDUCTOR DEVICES	10	10	1	0.6	100	3	1.2	1.8
	ELE3505	FUNDAMENTALS OF 'C' PROGRAMMING	10	10	1	0.6	100	3	1.2	1.8
	ELE3506	OPTICAL FIBER COMMUNICATION	10	10	1	0.6	100	3	1.2	1.8
	ELE3507	ELECTRONICS PRACTICAL-I	10	100	3	1.8	100	3	1.2	3
	ELE3508	ELECTRONICS PRACTICAL – II	10	80	3	1.8	100	3	1.2	3
	ELE3509	ELECTRONICS PRACTICAL – III (PROJECT)	10	90	3	1.8	100	3	1.2	3
VI	ELE3601	ADVANCED COMMUNICATION SYSTEMS	10	30	1	0.6	100	3	1.2	1.8
	ELE3602	8051 'C' PROGRAMMING AND EMBEDDED SYSTEMS	10	10	1	0.6	100	3	1.2	1.8
	ELE3603	POWER DEVICES AND CIRCUITS	10	20	1	0.6	100	3	1.2	1.8
	ELE3604	FOUNDATION OF NANO ELECTRONICS	10	30	1	0.6	100	3	1.2	1.8
	ELE3605	MATHEMATICAL METHODS AND CIRCUIT SIMULATION USING MATLAB	10	30	1	0.6	100	3	1.2	1.8
	ELE3606	INDUSTRIAL AUTOMATION	10	90	3	1.8	100	3	1.2	3
	ELE3607	ELECTRONICS PRACTICAL - I	10	100	3	1.8	100	3	1.2	3
	ELE3608	ELECTRONICS PRACTICAL – II	10	100	3	1.8	100	3	1.2	3
	ELE3609	ELECTRONICS PRACTICAL – III (PROJECT)	10	100	3	1.8	100	3	1.2	3

Total	180	730	27	16.2	1800	54	21.6	37.8
Average	10	40.56	1.5	0.9	100	3	1.2	2.1



	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of English

Under Graduate Program: B.A.English

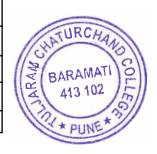
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	ENGCO3501	COMPULSORY ENGLISH	167	4.79	1	0.6	37.72	1	0.4	1
	ENGGEN3502	ADVANCED STUDY OF ENGLISH LANGUAGE AND LITERATURE	14	21.43	1	0.6	42.86	2	0.8	1.4
	ENGSPL3503	APPRECIATING NOVEL	5	40	2	1.2	60	3	1.2	2.4
	ENGSPL3504	INTRODUCTION TO LITERARY CRITICISM	5	40	2	1.2	100	3	1.2	2.4
VI	ENGCO3601	COMPULSORY ENGLISH	167	7.78	1	0.6	27.54	1	0.4	1
	ENGGE3602	ADVANCED STUDY OF ENGLISHLANGUAGE AND LITERATURE	14	42.86	2	1.2	35.71	1	0.4	1.6
	ENGSPL3603	APPRECIATING NOVEL	5	60	3	1.8	100	3	1.2	3
	ENGSPL3604	INTRODUCTION TO LITERARY CRITICISM	5	40	2	1.2	100	3	1.2	2.4
		Total	382	256.86	14	8.4	503.83	17	6.8	15.2
		Average	47.75	32.11	1.75	1.05	62.98	2.12	0.85	1.9



	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
1.9	3	1.33	0.9	2.23	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Geography

Under Graduate Program: B.A.Geography

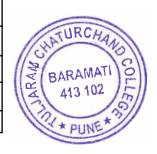
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	!	% of Students above 60 % in CIA	ment	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	GEOGEN3501	GEOGRAPHY OF TOURISM-I	45	62.22	3	1.8	80	3	1.2	3
	GEOSPL3502	PHYSICAL GEOGRAPHY OF INDIA	17	58.82	2	1.2	58.82	2	0.8	2
	GEOSPL3503	PRACTICAL IN MAP READING AND MAP MAKING	17	47.06	2	1.2	41.18	2	0.8	2
VI	GEOGEN3601	GEOGRAPHY OF TOURISM-II	45	71.11	3	1.8	80	3	1.2	3
	GEOSPL3602	HUMAN GEOGRAPHY OF INDIA	17	52.94	2	1.2	76.47	3	1.2	2.4
	GEOSPL3603	PRACTICAL IN STATISTICAL TECHNIQUES	17	47.06	2	1.2	94.12	3	1.2	2.4
		Total	158	339.21	14	8.4	430.59	16	6.4	14.8
		Average	26.33	56.54	2.33	1.4	71.76	2.67	1.07	2.47



	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment Department of Hindi

Under Graduate Program : B.A.Hindi

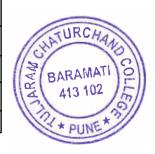
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	1 1 !	% of Students above 60 % in CIA		40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	HINGEN3501	HINDI SAMANYA	30	10	1	0.6	83.33	3	1.2	1.8
HINS	SPL3502	HINDI SAHITYA KA ITIHAS	5	1	1	0/6	80	3	1.2	1.8
HINS	SPL3503	HINDI BHASHA KA VIKAS	5	20	1	0.6	100	3	1.2	1.8
VI	HINGEN3601	HINDI SAMANYA	30	30	1	0.6	73.33	3	1.2	1.8
HINS	SPL3602	HINDI SAHITYA KA ITIHAS	5	20	1	0.6	60	3	1.2	1.8
HINS	SPL3603	HINDI BHASHA KA VIKAS	5	20	1	0.6	80	3	1.2	1.8
		Total	80	100	5	3	476.66	18	7.2	10.2
		Average	13.33	16.67	0.83	0.5	79.44	3	1.2	1.7



	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
1.7	3	1.19	0.9	2.09	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



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 2022 - 2023

Sem	Course Code	Course Title		% of Students above 60 % in ESE	Level of Attainment ESE	I II!	% of Students above 60 % in CIA	ment	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	HISGEN3501	HISTORY OF THE WORLD IN 20TH CENTURY (1914-1992) PART I	72	19.44	1	0.6	63.89	3	1.2	1.8
	HISSPL3502	INTRODUCTION TO HISTORY PART I	11	45.45	2	1.2	54.55	2	0.8	2
	HISSPL3503	HISTORY OF ASIA IN 20TH CENTURY (1914-1992) PART I	11	54.55	2	1.2	63.64	3	1.2	2.4
VI	HISGEN3601	HISTORY OF THE WORLD IN 20TH CENTURY (1914-1992) PART II	72	41.67	2	1.2	81.94	3	1.2	2.4
	HISSPL3602	INTRODUCTION TO HISTORY PART II	11	27.27	1	0.6	100	3	1.2	1.8
	HISSPL3603	HISTORY OF ASIA IN 20TH CENTURY (1914-1992) PART II	11	54.55	2	1.2	100	3	1.2	2.4
		Total	188	242.93	10	6	464.02	17	6.8	12.8
		Average	31.33	40.49	1.67	1	77.34	2.83	1.13	2.13



	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
2.13	3	1.49	0.9	2.39	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Logic

Under Graduate Program: B.A.Logic

Attainment of Course Outcomes (Direct Attainment) for Academic Year 2022 - 2023

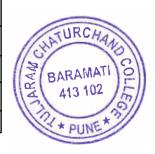
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	Level in	% of Students above 60 % in CIA	ment	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	LOGGEN3501	LOGIC: METHODOLOGY OF SOCIAL SCIENCE	12	33.33	1	0.6	75	3	1.2	1.8
VI	LOGGEN3601	LOGIC: METHODOLOGY OF SOCIAL SCIENCE	12	16.67	1	0.6	83.33	3	1.2	1.8
	•	Total	24	50	2	1.2	158.33	6	2.4	3.6
		Average	12	25	1	0.6	79.16	3	1.2	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



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 2022 - 2023

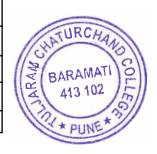
Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE		% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	MARGEN3501	ADHUNIK MARATHI SAHITYA PRAKARANCHA ABHYAS	55	21.82	1	0.6	60	3	1.2	1.8
	MARSPL3502	SAHITYAVICHAR	14	42.86	2	1.2	64.29	3	1.2	2.4
	MARSPL3503	MARATHICHA BHASHIK ABHYAS (ETIHASIK)	14	28.57	1	0.6	42.86	2	0.8	1.4
VI	MARGEN3601	ADHUNIK MARATHI SAHITYA PRAKARANCHA ABHYAS	55	50.91	2	1.2	89.09	3	1.2	2.4
	MARSPL3602	SAHITYAVICHAR	14	50	2	1.2	85.71	3	1.2	2.4
	MARSPL3603	MARATHICHA BHASHIK ABHYAS (ETIHASIK)	14	28.57	1	0.6	85.71	3	1.2	1.8
		Total	166	222.73	9	5.4	427.66	17	6.8	12.2
		Average	27.67	37.12	1.5	0.9	71.28	2.83	1.13	2.03



	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment Department of Mathematics

Under Graduate Program : B.Sc.Mathematics

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
V	MAT3501	METRIC SPACES	11	36.36	1	0.6	100	3	1.2	1.8
	MAT3502	REAL ANALYSIS I	11	27.27	1	0.6	90.91	3	1.2	1.8
	MAT3503	GROUP THEORY	11	45.45	2	1.2	81.82	3	1.2	2.4
	MAT3504	ORDINARY DIFFERENTIAL EQUATION	11	54.55	2	1.2	72.73	3	1.2	2.4
	MAT3505	OPERATION RESEARCH	11	54.55	2	1.2	100	3	1.2	2.4
	MAT3506	NUMBER THEORY	11	18.18	1	0.6	100	3	1.2	1.8
	MAT3507	MATHEMATICS PRACTICAL-I	11	72.73	3	1.8	100	3	1.2	3
	MAT3508	MATHEMATICS PRACTICAL – II	11	63.64	3	1.8	100	3	1.2	3
	MAT3509	MATHEMATICS PRACTICAL-III	11	63.64	3	1.8	100	3	1.2	3
VI	MAT3601	COMPLEX ANALYSIS	11	63.64	3	1.8	100	3	1.2	3
	MAT3602	REAL ANALYSIS II	11	45.45	2	1.2	100	3	1.2	2.4
	MAT3603	RING THEORY	11	54.55	2	1.2	90.91	3	1.2	2.4
	MAT3604	PARTIAL DIFFERENTIAL EQUATION	11	63.64	3	1.8	90.91	3	1.2	3
	MAT3605	OPTIMIZATION TECHNIQUES	11	81.82	3	1.8	100	3	1.2	3
	MAT3606	LEBESGUE INTEGRATION	11	63.64	3	1.8	100	3	1.2	3
	MAT3607	MATHEMATICS PRACTICAL - I	11	90.91	3	1.8	100	3	1.2	3
	MAT3608	MATHEMATICS PRACTICAL – II	11	81.82	3	1.8	100	3	1.2	3
	MAT3609	PROJECT	11	100	3	1.8	100	3	1.2	3

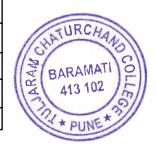
Total	198	1081.84	43	25.8	727.28	54	21.6	47.4
Average	11	60.1	2.39	1.43	95.96	3	1.2	2.63



	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	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
2.63	3	1.84	0.9	2.74	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







Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Microbiology

Under Graduate Program : B.Sc.Microbiology

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in enditerm exam (I)	% of Students above 60 % in CIA	,	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	MICRO3501	MEDICAL MICROBIOLOGY-I	46	32.61	1	0.6	100	3	1.2	1.8
	MICRO3502	GENETICS AND MOLECULAR BIOLOGY- I	46	36.96	1	0.6	100	3	1.2	1.8
	MICRO3503	ENZYMOLOGY	46	6.52	1	0.6	100	3	1.2	1.8
	MICRO3504	IMMUNOLOGY – I	46	2.17	1	0.6	100	3	1.2	1.8
	MICRO3505	FERMENTATION TECHNOLOGY-I	46	8.7	1	0.6	100	3	1.2	1.8
	MICRO3506	FOOD AND DAIRY MICROBIOLOGY	46	15.22	1	0.6	100	3	1.2	1.8
	MICRO3507	MICROBIOLOGY PRACTICAL-I	46	86.96	3	1.8	100	3	1.2	3
	MICRO3508	MICROBIOLOGY PRACTICAL-II	46	86.96	3	1.8	95.65	3	1.2	3
	MICRO3509	MICROBIOLOGY PRACTICAL-III	46	89.13	3	1.8	95.65	3	1.2	3
VI	MICRO3601	MEDICAL MICROBIOLOGY-II	46	21.74	1	0.6	100	3	1.2	1.8
	MICRO3602	GENETICS AND MOLECULAR BIOLOGY- II	46	43.48	2	1.2	100	3	1.2	2.4
	MICRO3603	METABOLISM	46	10.87	1	0.6	89.13	3	1.2	1.8
	MICRO3604	IMMUNOLOGY – II	46	26.09	1	0.6	97.83	3	1.2	1.8
	MICRO3605	FERMENTATION TECHNOLOGY-II	46	41.3	2	1.2	100	3	1.2	2.4
	MICRO3606	AGRICULTURAL AND ENVIRONMENTAL MICROBIOLOGY	46	23.91	1	0.6	97.83	3	1.2	1.8
	MICRO3607	MICROBIOLOGY PRACTICAL - IV	46	97.83	3	1.8	97.83	3	1.2	3
	MICRO3608	MICROBIOLOGY PRACTICAL - V	46	97.83	3	1.8	97.83	3	1.2	3
	MICRO3609	PROJECT	46	97.83	3	1.8	97.83	3	1.2	3

	Total	828	826.11	32	19.2	769.58	54	21.6	40.8
	Average	46	45.9	1.78	1.07	98.31	3	1.2	2.27



	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	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
2.27	3	1.59	0.9	2.49	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





Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment Department of Physics

Under Graduate Program : B.Sc.Physics

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 Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	PHY3501	MATHEMATICAL METHODS OF PHYSICS-II	24	8.33	1	0.6	100	3	1.2	1.8
	PHY3502	CLASSICAL MECHANICS	24	4.17	1	0.6	87.5	3	1.2	1.8
	PHY3503	OPTICS	24	37.5	1	0.6	87.5	3	1.2	1.8
	PHY3504	SOLID STATE PHYSICS	24	25	1	0.6	100	3	1.2	1.8
	PHY3505	ATOMIC AND MOLECULAR PHYSICS	24	20.83	1	0.6	100	3	1.2	1.8
	PHY3506A	ELEMENTS OF MATERIAL SCIENCE	11	63.64	3	1.8	100	3	1.2	3
	PHY3506B	RENEWABLE ENERGY SOURCES	13	7.69	1	0.6	69.23	3	1.2	1.8
	PHY3507	PHYSICS PRACTICAL -I	24	83.33	3	1.8	95.83	3	1.2	3
	PHY3508	PHYSICS PRACTICAL -II	24	79.17	3	1.8	87.5	3	1.2	3
	PHY3509	PHYSICS PROJECT -I	24	79.17	3	1.8	91.67	3	1.2	3
VI	PHY3601	ELECTRODYNAMICS	24	33.33	1	0.6	100	3	1.2	1.8
	PHY3602	QUANTUM MECHANICS	24	4.17	1	0.6	100	3	1.2	1.8
	PHY3603	STATISTICAL PHYSICS	24	37.5	1	0.6	100	3	1.2	1.8
	PHY3604	NUCLEAR PHYSICS	24	37.5	1	0.6	100	3	1.2	1.8
	PHY3605(A)	ELECTRONICS II	20	25	1	0.6	35	1	0.4	1
	PHY3605(B)	ADVANCED ELECTRONICS	4	50	2	1.2	100	3	1.2	2.4
	PHY3606(A)	PHYSICS OF NANOMATERIALS	11	100	3	1.8	100	3	1.2	3
	PHY3606(B)	SOLAR ENERGY CONVERSION DEVICES	13	38.46	1	0.6	92.31	3	1.2	1.8
	PHY3607	PHYSICS PRACTICAL -III	24	79.17	3	1.8	100	3	1.2	3

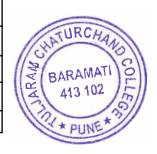
VI	PHY3608	PHYSICS PRACTICAL -IV	24	83.33	3	1.8	83.33	3	1.2	3
	PHY3609	PHYSICS PROJECT - II	24	75	3	1.8	100	3	1.2	3
		Total	432	972.29	38	22.8	1929.87	61	24.4	47.2
		Average	20.57	46.3	1.81	1.09	91.9	2.9	1.16	2.25



	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Politics

Under Graduate Program: B.A.Politics

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE		% of Students above 60 % in CIA		40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	POLGEN3501	POLITICAL IDEOLOGIES	91	6.59	1	0.6	35.16	1	0.4	1
	POLSPL3502	PUBLIC ADMINISTRATION	50	8	1	0.6	44	2	8.0	1.4
	POLSPL3503	INTERNATIONAL POLITICS	50	6	1	0.6	32	1	0.4	1
VI	POLGEN 3601	POLITICAL IDEOLOGIES	91	20.88	1	0.6	43.96	2	0.8	1.4
	POLSPL 3602	PUBLIC ADMINISTRATION	50	12	1	0.6	68	3	1.2	1.8
	POLSPL 3603	INTERNATIONAL POLITICS	50	14	1	0.6	56	2	0.8	1.4
		Total	382	67.47	6	3.6	279.12	11	4.4	8
		Average	63.67	11.24	1	0.6	46.52	1.83	0.73	1.33



	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
1.33	3	0.93	0.9	1.83	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



Tuljaram Chaturchand College of Arts, Science & Commerce, Baramati (Autonomous)

Course and Program Outcome Attainment

Department of Psychology

Under Graduate Program : B.A.Psychology

Sem	Course Code	Course Title	Total No.of Students	% of Students above 60 % in ESE	Level of Attainment ESE	60 % Attainment Level in endlterm exam (I)	% of Students above 60 % in CIA	Level of Attain ment CIA	40 % Attainment Level in CIA exam (II)	Attain ment of Course (I+II)
٧	PSYGEN3501(ORGANIZATIONAL PSYCHOLOGY	1	100	3	1.8	100	3	1.2	3
	PSYGEN3501(APPLIED PSYCHOLOGY -I	16	12.5	1	0.6	43.75	2	0.8	1.4
	PSYSPL3502	PSYCHOLOGICAL REASEARCH	10	10	1	0.6	60	3	1.2	1.8
	PSYSPL3503	PSYCHOLOGY PRACTICAL: TEST	10	90	3	1.8	50	2	0.8	2.6
VI	PSYGEN3601(APPLIED PSYCHOLOGY-II	16	31.25	1	0.6	43.75	2	0.8	1.4
	PSYSPL3602	EXPERIMENTAL PSYCHOLOGY	10	20	1	0.6	90	3	1.2	1.8
	PSYSPL3603	PSYCHOLOGY PRACTICAL: EXPERIMENTS	10	80	3	1.8	70	3	1.2	3
		Total	73	343.75	13	7.8	457.5	18	7.2	15
		Average	10.43	49.11	1.86	1.11	65.36	2.57	1.03	2.14



	Levels of End Semester Examination					
Level 1	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
2.14	3	1.5	0.9	2.4	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



