



SWARNIM SCHOOL OF MANAGEMENT, COMMERCE AND LIBERAL ARTS											
PROGRAM NAME:- BBA											
YEAR: - 1ST - 3RD/FINAL YEAR											
THIS DATA IS COMPILED FROM CRITERIA 1.1.1											
CO PO MATRIX ALL COURSES											
SUBJECT CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO1	OVERALL
BBA230101	2.8	2.4	2.6	2.8	2.8	2.2	3.0	1.4	2	2.8	2.48
BBA230102	2.4	2.6	2.8	2.8	2.2	3.0	1.4	2.0	2.8	2.5	2.4
BBA230103	1.0	1.4	1.2	1.2	1.8	1.6	1.6	1.2	1.8	1	1.4
IKS230101	1.0	1.0	1.0	1.0	2.0	2.0	1.3	1.0	1.3	1.3	1.3
AEC230101	1.3	1.3	1.3	1.5	1.3	1.3	1.5	1.3	1.8	1.5	1.4
BBA230104	1.8	1.8	1.6	1.8	1.8	2.0	1.8	2.0	1.6	1.6	1.8
SEC230101	1.3	1.3	1.5	1.3	1.5	1.8	1.5	1.3	1.5	1.5	1.4
BBA230201	1.4	1.8	1.6	1.2	1.6	1.8	1.6	1.0	1.4	1.6	1.5
BBA230202	1.4	1.8	1.6	1.2	1.6	1.8	1.6	1.0	1.4	1.6	1.5
BBA230203	1.0	1.2	1.4	1.0	1.2	1.0	1.0	1.0	1	1.4	1.1
BBA230204	1.2	1.4	1.6	1.6	2.0	1.6	1.4	1.2	1.6	1.8	1.5
AEC230202	1.0	1.0	1.0	1.0	1.3	2.0	2.0	1.7	1.3	1	1.3
SEC230202	1.3	1.3	1.5	1.5	1.3	1.5	1.3	1.3	1.5	1.3	1.4
VAC230201	1.0	1.0	1.3	1.3	1.0	1.0	2.0	1.0	2	2	1.4
14020301	2.5	3.0	2.5	2.8	2.0	2.8	3.0	2.5	2.5	1.5	2.5
14020302	1.0	1.0	2.3	1.0	1.0	1.0	2.3	1.0	1	2.7	1.4
14020303	3.0	2.5	2.5	2.3	2.3	1.8	2.5	2.3	3	2	2.4
14020304	1.6	1.4	1.0	1.0	1.6	1.0	3.0	1.0	1	1.4	1.4
14020305	3.0	2.7	2.3	2.3	2.3	2.0	2.7	2.3	3	2	2.5
14020306	2.0	2.7	2.3	3.0	2.0	2.3	2.3	2.0	1.7	2.3	2.3
12300011	1.6	1.4	1.0	1.0	1.6	1.0	3.0	1.0	1	1.4	1.4
14020401	2.5	2.3	1.8	1.5	1.5	3.0	2.3	1.8	1	2.3	2
14020402	2.4	2.2	1.6	1.8	1.4	3.0	2.4	1.8	1	2.4	2
14020403	3.0	1.8	2.5	2.0	2.3	2.8	2.0	1.3	1.5	3	2.2
14020404	3.0	1.8	2.5	2.0	2.3	2.8	2.0	1.3	1.5	3	2.2
14020405	3.0	1.8	2.5	2.0	2.3	2.8	2.0	1.3	1.5	3	2.2
14020406	3.0	2.0	2.5	2.0	2.8	2.8	2.0	1.3	2	3	2.3
12300012	2.8	2.8	2.8	2.8	2.8	2.3	3.0	1.5	2	2.8	2.5
14020501	2.8	2.5	2.8	2.8	2.8	2.5	3.0	1.5	2	2.8	2.5
14020502	2.5	2.3	2.5	2.3	2.5	2.8	2.3	2.3	2.5	3	2.5
14020503	2	2.7	2.3	1.7	2	1.7	2.7	1	1.7	1.7	1.9
14020504	3	2.7	2.7	2.7	2.7	2.3	3	1.3	2	2.7	2.5
14020505	3	3.0	3	1	1.3	2	2	1.3	2	2	2.1
14020508	3	2.3	2.5	1	1.3	1	3	1	1	2.5	1.9
14020509	2.5	2.3	2	2.3	3	2.5	2	2.5	1	3	2.3
14020510	2.3	2	2	2.3	3	2.3	2.7	2	2.7	3	2.4
12300013	2	2	2	2	1	3	2.3	3	1.5	1.8	2.1
14020601	2.5	2.3	2	2.3	3	2.5	2	2.5	1	3	2.3
14020602	2.5	2.3	2	2.3	3	2.5	2	2.5	1	3	2.3
14020603	3	2.8	2	2.3	3	2.5	2	2.5	1	3	2.4
14020604	3	2.3	1.3	3	1.3	1.3	2.3	3	3	3	2.3
14020605	3	3	2.3	1	1.7	1	1.3	1	1.7	2	1.8
14020608	2.5	2.3	2	2.3	3	2.5	2	2.5	1	3	2.3
14020609	2.5	2.3	2.5	2.3	2.5	2.8	2.3	2.3	2.5	3	2.5
12300014	1.8	1.8	1.6	1.2	1.4	1.2	1.2	2.8	2	1	1.6
AVERAGE	2.2	2.0	2.0	1.9	2.0	2.1	2.1	1.7	1.7	2.2	2.0





SWARNIM SCHOOL OF MANAGEMENT, COMMERCE AND LIBERAL ARTS				
PROGRAM NAME:- BBA				
YEAR: - 1ST - 3RD/FINAL YEAR				
TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-2024				
FOR 1ST TO 3RD YEAR				
SMCLA BBA				
TARGET LEVEL		MARKS		
1		<=60		
2		>60 to 70<		
3		>=70		
1ST BBA				
Course Name	Course Code	Percentage	Levelk	Target
Principles of Management	BBA230101	60	1	1
Financial Accounting	BBA230102	60	1	1
Marketing Management	BBA230103	60	1	1
Indian Economy & Business Model	IKS230101	60	1	1
Communication Skills	AEC230101	60	1	1
Office Automation	BBA230104	60	1	1
Foundation Of Entrepreneurship	SEC230101	60	1	1
Organisational Behaviour	BBA230201	60	1	1
Fundamentals of Economics	BBA230202	60	1	1
Financial Management	BBA230203	60	1	1
Foundation in Statistical Method	BBA230204	60	1	1
Logical and Critical Thinking	AEC230202	60	1	1
Identifying Entrepreneurial Opportunities	SEC230202	60	1	1
Environmental Studie	VAC230201	60	1	1
II YEAR BBA				
Financial Statement Analysis	14020301	60	1	1
Business Statistics	14020302	60	1	1
Employee Behavior & Relationship Management	14020303	60	1	1
Advertisement & sales	14020304	60	1	1
Environment law	14020305	60	1	1
Family Business Management	14020306	60	1	1
Intellectual Property Rights	12300011	60	1	1
Introduction to Business Law	14020401	60	1	1
Global marketing Management	14020402	60	1	1
Business Research Methods	14020403	60	1	1
Financial Management	14020404	60	1	1
Human Resource Management	14020405	60	1	1
Supply Chain Management	14020406	60	1	1
Intermediate Program in Entrepreneurship	12300012	60	1	1
III YEAR BBA				
Company Law	14020501	60	1	1
Negotiation Skill	14020502	60	1	1
Management outcomes with the Shrimad Bhagwat Geeta	14020503	60	1	1
Industrial Relation	14020504	60	1	1
Recruitment and Selection	14020505	60	1	1
Advance Financial Management	14020508	60	1	1
Banking Finance Institute	14020509	60	1	1
Project Management	14020510	60	1	1
Advanced Program in Entrepreneurship	12300013	60	1	1
Industry Law	14020601	60	1	1
Business plan	14020602	60	1	1
Business Ethics	14020603	60	1	1
International HRM	14020604	60	1	1
Human value & training & development	14020605	60	1	1
Security Analysis	14020608	60	1	1
Portfolio Management	14020609	60	1	1
Start-Up Project	12300014	60	1	1

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PROGRAM NAME:- BBA					
YEAR: - 1ST - 3RD/FINAL YEAR					
TARGETSET					
Level 1		<=60			
Level 2		>60 to 64<			
Level 3		>65			
Course	Course Code	No. of Students appeared	No. of Students scoring more than 60% (in internal & external exam)	% students scoring defined marks	Attainment level
I SEMESTER OF ACEDEMIC YEAR 2023-24					
Principles of Management	BBA230101	28	19	68	2
Financial Accounting	BBA230102	28	21	75	3
Marketing Management	BBA230103	28	24	86	3
Indian Economy & Business Model	IKS230101	28	16	57	1
Communication Skills	AEC230101	28	23	82	3
Office Automation	BBA230104	28	24	86	3
Foundation Of Entrepreneurship	SEC230101	28	24	86	3
II SEMESTER OF ACADEMIC YEAR 2023-24					
Organisational Behaviour	BBA230201	26	19	73	3
Fundamentals of Economics	BBA230202	26	26	100	3
Financial Management	BBA230203	26	14	54	1
Foundation in Statistical Method	BBA230204	26	26	100	3
Logical and Critical Thinking	AEC230202	26	26	100	3
Identifying Entrepreneurial Opportunities	SEC230202	26	26	100	3
Environmental Studie	VAC230201	26	25	96	3
III SEMESTER OF ACADEMIC YEAR 2023-24					
Financial Statement Analysis	14020301	25	23	92	3
Business Statistics	14020302	25	25	100	3
Employee Behavior & Relationship Management	14020303	25	23	92	3
Advertisement & sales	14020304	25	24	96	3
Environment law	14020305	25	22	88	3
Family Business Management	14020306	25	21	84	3
Intellectual Property Rights	12300011	25	21	84	3
IV SEMESTER OF ACADEMIC YEAR 2023-24					
Introduction to Business Law	14020401	24	23	96	3
Global marketing Management	14020402	24	24	100	3
Business Research Methods	14020403	24	23	96	3
Financial Management	14020404	24	18	75	3
Human Resource Management	14020405	24	22	92	3
Supply Chain Management	14020406	24	21	88	3
Intermediate Program in Entrepreneurship	12300012	24	21	88	3
V SEMESTER OF ACADEMIC YEAR 2023-24					
Company Law	14020501	28	25	89	3
Negotiation Skill	14020502	28	27	96	3
Management outcomes with the Shrimad	14020503	28	25	89	3
Industrial Relation	14020504	15	13	87	3
Recruitment and Selection	14020505	15	11	73	3
Advance Financial Management	14020508	13	13	100	3
Banking Finance Institute	14020509	13	13	100	3
Project Management	14020510	28	20	71	3
Advanced Program in Entrepreneurship	12300013	28	20	71	3
VI SEMESTER OF ACADEMIC YEAR 2023-24					
Industry Law	14020601	26	26	100	3
Business plan	14020602	26	26	100	3
Business Ethics	14020603	26	26	100	3
International HRM	14020604	13	13	100	3
Human value & training & development	14020605	13	12	92	3
Security Analysis	14020608	13	13	100	3
Portfolio Management	14020609	13	13	100	3
Start-Up Project	12300014	26	23	88	3

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SWARNIM SCHOOL OF MANAGEMENT, COMMERCE AND LIBERAL ARTS										
PROGRAM NAME:- BBA										
YEAR: - 1ST - 3RD/FINAL YEAR										
FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BBA230101	0.62	0.53	0.58	0.62	0.62	0.49	0.67	0.31	0.44	0.62
BBA230102	0.80	0.87	0.93	0.93	0.73	1.00	0.47	0.67	0.93	0.83
BBA230103	0.33	0.47	0.40	0.40	0.60	0.53	0.53	0.40	0.60	0.33
IKS230101	0.33	0.33	0.33	0.33	0.67	0.67	0.44	0.33	0.44	0.44
AEC230101	0.42	0.42	0.42	0.50	0.42	0.42	0.50	0.42	0.58	0.50
BBA230104	0.60	0.60	0.53	0.60	0.60	0.67	0.60	0.67	0.53	0.53
SEC230101	0.42	0.42	0.50	0.42	0.50	0.58	0.50	0.42	0.50	0.50
BBA230201	0.47	0.60	0.53	0.40	0.53	0.60	0.53	0.33	0.47	0.53
BBA230202	0.47	0.60	0.53	0.40	0.53	0.60	0.53	0.33	0.47	0.53
BBA230203	0.11	0.13	0.16	0.11	0.13	0.11	0.11	0.11	0.11	0.16
BBA230204	0.40	0.47	0.53	0.53	0.67	0.53	0.47	0.40	0.53	0.60
AEC230202	0.33	0.33	0.33	0.33	0.44	0.67	0.67	0.56	0.44	0.33
SEC230202	0.42	0.42	0.50	0.50	0.42	0.50	0.42	0.42	0.50	0.42
VAC230201	0.33	0.33	0.44	0.44	0.33	0.33	0.67	0.33	0.67	0.67
14020301	0.83	1.00	0.83	0.92	0.67	0.92	1.00	0.83	0.83	0.50
14020302	0.33	0.33	0.77	0.33	0.33	0.33	0.77	0.33	0.33	0.90
14020303	1.00	0.83	0.83	0.77	0.77	0.60	0.83	0.77	1.00	0.67
14020304	0.53	0.47	0.33	0.33	0.53	0.33	1.00	0.33	0.33	0.47
14020305	1.00	0.90	0.77	0.77	0.77	0.67	0.90	0.77	1.00	0.67
14020306	0.67	0.90	0.77	1.00	0.67	0.77	0.77	0.67	0.57	0.77
12300011	0.53	0.47	0.33	0.33	0.53	0.33	1.00	0.33	0.33	0.47
14020401	0.83	0.77	0.60	0.50	0.50	1.00	0.77	0.60	0.33	0.77
14020402	0.80	0.73	0.53	0.60	0.47	1.00	0.80	0.60	0.33	0.80
14020403	1.00	0.60	0.83	0.67	0.77	0.93	0.67	0.43	0.50	1.00
14020404	1.00	0.60	0.83	0.67	0.77	0.93	0.67	0.43	0.50	1.00
14020405	1.00	0.60	0.83	0.67	0.77	0.93	0.67	0.43	0.50	1.00
14020406	1.00	0.67	0.83	0.67	0.93	0.93	0.67	0.43	0.67	1.00
12300012	0.93	0.93	0.93	0.93	0.93	0.77	1.00	0.50	0.67	0.93
14020501	0.93	0.83	0.93	0.93	0.93	0.83	1.00	0.50	0.67	0.93
14020502	0.83	0.77	0.83	0.77	0.83	0.93	0.77	0.77	0.83	1.00
14020503	0.67	0.90	0.77	0.57	0.67	0.57	0.90	0.33	0.57	0.57
14020504	1.00	0.90	0.90	0.90	0.90	0.77	1.00	0.43	0.67	0.90
14020505	1.00	1.00	1.00	0.33	0.43	0.67	0.67	0.43	0.67	0.67
14020508	1.00	0.77	0.83	0.33	0.43	0.33	1.00	0.33	0.33	0.83
14020509	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020510	0.77	0.67	0.67	0.77	1.00	0.77	0.90	0.67	0.90	1.00
12300013	0.67	0.67	0.67	0.67	0.33	1.00	0.77	1.00	0.50	0.60
14020601	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020602	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020603	1.00	0.93	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020604	1.00	0.77	0.43	1.00	0.43	0.43	0.77	1.00	1.00	1.00
14020605	1.00	1.00	0.77	0.33	0.57	0.33	0.43	0.33	0.57	0.67
14020608	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020609	0.83	0.77	0.83	0.77	0.83	0.93	0.77	0.77	0.83	1.00
12300014	0.60	0.60	0.53	0.40	0.47	0.40	0.40	0.93	0.67	0.33
TOTAL PO DIRECT ATTAINMENT	32.12	29.99	29.22	27.29	29.43	30.25	31.36	24.79	24.96	32.44
COUNT	45	45	45	45	45	45	45	45	45	45
AVERAGE DIRECT ATTAINMENT	0.71	0.67	0.65	0.61	0.65	0.67	0.70	0.55	0.55	0.72

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PROGRAM NAME:- BBA										
YEAR: - 1ST - 3RD/FINAL YEAR										
TARGET LEVEL FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO8	PO8
BBA230101	0.93	0.80	0.87	0.93	0.93	0.73	1.00	0.47	0.67	0.93
BBA230102	0.80	0.87	0.93	0.93	0.73	1.00	0.47	0.67	0.93	0.83
BBA230103	0.33	0.47	0.40	0.40	0.60	0.53	0.53	0.40	0.60	0.33
IKS230101	0.33	0.33	0.33	0.33	0.67	0.67	0.44	0.33	0.44	0.44
AEC230101	0.42	0.42	0.42	0.50	0.42	0.42	0.50	0.42	0.58	0.50
BBA230104	0.60	0.60	0.53	0.60	0.60	0.67	0.60	0.67	0.53	0.53
SEC230101	0.42	0.42	0.50	0.42	0.50	0.58	0.50	0.42	0.50	0.50
BBA230201	0.47	0.60	0.53	0.40	0.53	0.60	0.53	0.33	0.47	0.53
BBA230202	0.47	0.60	0.53	0.40	0.53	0.60	0.53	0.33	0.47	0.53
BBA230203	0.33	0.40	0.47	0.33	0.40	0.33	0.33	0.33	0.33	0.47
BBA230204	0.40	0.47	0.53	0.53	0.67	0.53	0.47	0.40	0.53	0.60
AEC230202	0.33	0.33	0.33	0.33	0.44	0.67	0.67	0.56	0.44	0.33
SEC230202	0.42	0.42	0.50	0.50	0.42	0.50	0.42	0.42	0.50	0.42
VAC230201	0.33	0.33	0.44	0.44	0.33	0.33	0.67	0.33	0.67	0.67
14020301	0.83	1.00	0.83	0.92	0.67	0.92	1.00	0.83	0.83	0.50
14020302	0.33	0.33	0.77	0.33	0.33	0.33	0.77	0.33	0.33	0.90
14020303	1.00	0.83	0.83	0.77	0.77	0.60	0.83	0.77	1.00	0.67
14020304	0.53	0.47	0.33	0.33	0.53	0.33	1.00	0.33	0.33	0.47
14020305	1.00	0.90	0.77	0.77	0.77	0.67	0.90	0.77	1.00	0.67
14020306	0.67	0.90	0.77	1.00	0.67	0.77	0.77	0.67	0.57	0.77
12300011	0.53	0.47	0.33	0.33	0.53	0.33	1.00	0.33	0.33	0.47
14020401	0.83	0.77	0.60	0.50	0.50	1.00	0.77	0.60	0.33	0.77
14020402	0.80	0.73	0.53	0.60	0.47	1.00	0.80	0.60	0.33	0.80
14020403	1.00	0.60	0.83	0.67	0.77	0.93	0.67	0.43	0.50	1.00
14020404	1.00	0.60	0.83	0.67	0.77	0.93	0.67	0.43	0.50	1.00
14020405	1.00	0.60	0.83	0.67	0.77	0.93	0.67	0.43	0.50	1.00
14020406	1.00	0.67	0.83	0.67	0.93	0.93	0.67	0.43	0.67	1.00
12300012	0.93	0.93	0.93	0.93	0.93	0.77	1.00	0.50	0.67	0.93
14020501	0.93	0.83	0.93	0.93	0.93	0.83	1.00	0.50	0.67	0.93
14020502	0.83	0.77	0.83	0.77	0.83	0.93	0.77	0.77	0.83	1.00
14020503	0.67	0.90	0.77	0.57	0.67	0.57	0.90	0.33	0.57	0.57
14020504	1.00	0.90	0.90	0.90	0.90	0.77	1.00	0.43	0.67	0.90
14020505	1.00	1.00	1.00	0.33	0.43	0.67	0.67	0.43	0.67	0.67
14020508	1.00	0.77	0.83	0.33	0.43	0.33	1.00	0.33	0.33	0.83
14020509	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020510	0.77	0.67	0.67	0.77	1.00	0.77	0.90	0.67	0.90	1.00
12300013	0.67	0.67	0.67	0.67	0.33	1.00	0.77	1.00	0.50	0.60
14020601	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020602	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020603	1.00	0.93	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020604	1.00	0.77	0.43	1.00	0.43	0.43	0.77	1.00	1.00	1.00
14020605	1.00	1.00	0.77	0.33	0.57	0.33	0.43	0.33	0.57	0.67
14020608	0.83	0.77	0.67	0.77	1.00	0.83	0.67	0.83	0.33	1.00
14020609	0.83	0.77	0.83	0.77	0.83	0.93	0.77	0.77	0.83	1.00
12300014	0.60	0.60	0.53	0.40	0.47	0.40	0.40	0.93	0.67	0.33
SUM OF PO	32.65	30.52	29.83	27.82	30.00	30.71	31.91	25.17	25.41	33.06
COUNT OF PO	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00	45.00
DIRECT TARGET (AVG)	0.73	0.68	0.66	0.62	0.67	0.68	0.71	0.56	0.56	0.73
ATTAINMENT OF PO DIRECT (Average value found)	0.71	0.67	0.65	0.61	0.65	0.67	0.70	0.55	0.55	0.72
80% OF DIRECT ATT	0.57	0.54	0.52	0.49	0.52	0.54	0.56	0.44	0.44	0.58
20% OF INDIRECT ATTAINMENT	0.73	0.73	0.71	0.72	0.73	0.71	0.72	0.72	0.72	0.72
TOTAL	1.29	1.26	1.23	1.20	1.25	1.25	1.28	1.16	1.16	1.30

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PROGRAMNAME:- MBA											
YEAR: - 1ST - 2ND/FINAL YEAR											
THIS DATA IS COMPILED FROM CRITERIA 1.1.1											
CO PO MATRIX ALL COURSES											
SUBJECT Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	OVERALL PO AVG
MBA101MAE	2.6	2.8	2.6	1.4	2	2.8	2.4	1	1.8	3	2.24
MBA102PPM	3.0	2.0	1.0	2.8	2.0	1.5	3.0	3.0	1.5	3.0	2.3
MBA103MAM	2.8	2.2	2.0	2.0	2.6	1.8	2.0	1.8	1.4	3.0	2.2
MBA104ORE	3.0	2.5	2.5	3.0	1.0	1.0	2.0	2.8	2.8	3.0	2.4
MBA105POM	3.0	2.8	2.5	3.0	1.5	1.3	2.0	3.0	1.8	3.0	2.4
MBA106AFM	3.0	2.6	1.4	1.0	1.6	3.0	1.0	1.4	1.2	3.0	1.9
MBA107EAS	3.0	2.8	2.8	2.3	2.0	1.5	3.0	2.3	1.8	3.0	2.4
MBA201BUS	2.2	2.0	2.4	1.4	3.0	2.6	2.2	1.0	2.4	1.2	2.0
MBA202HRM	3.0	2.2	1.2	3.0	1.2	1.2	2.4	3.0	3.0	3.0	2.3
MBA203ITM	1.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	3.0	1.4
MBA204FIM	2.8	2.4	1.8	1.0	1.0	3.0	2.4	1.8	1.0	2.0	1.9
MBA205PSE	1.25	1.25	1.50	1.50	1.25	1.50	1.25	1.25	1.50	1.25	1.35
MBA206BRM	3.00	3.00	3.00	2.00	1.00	1.00	2.00	1.00	1.00	1.00	1.80
16040301	3.0	2.8	2.8	2.3	2.0	1.5	3.0	2.3	1.8	3.0	2.4
16040302	2.5	2.3	1.8	1.5	1.5	3.0	2.3	1.8	1.0	2.3	2.0
16040303	3.0	2.3	1.8	1.5	1.5	3.0	2.3	1.8	1.0	2.3	2.0
16050301	3.0	2.0	3.0	1.0	3.0	1.0	2.0	3.0	2.0	3.0	2.3
16050302	3.0	2.0	3.0	1.0	3.0	1.0	2.0	3.0	2.0	3.0	2.3
16070301	3.0	2.0	2.0	3.0	1.0	1.0	2.0	3.0	3.0	3.0	2.3
16070302	2.8	2.2	2.2	2.6	1.0	1.2	2.6	3.0	3.0	3.0	2.4
16060301	3.0	1.3	1.0	1.0	1.0	3.0	2.8	1.0	1.0	2.0	1.7
16060302	2.5	2.3	2.0	2.3	3.0	2.5	2.0	2.5	1.0	3.0	2.3
16040401	3.0	2.0	3.0	1.0	3.0	1.0	2.0	3.0	2.0	3.0	2.3
16040402	2.50	2.25	2.00	2.25	3.00	2.50	2.00	2.50	1.00	3.00	2.30
16050401	2.50	2.25	2.00	2.25	3.00	2.50	2.00	2.50	1.00	3.00	2.30
16050402	2.50	2.25	2.00	2.25	3.00	2.50	2.00	2.50	1.00	3.00	2.30
16070401	3.00	2.00	2.00	3.00	1.00	1.00	2.00	3.00	3.00	3.00	2.30
16070402	3.00	2.00	2.00	3.00	1.00	1.00	2.00	3.00	3.00	3.00	2.30
16060401	2.50	2.25	2.00	2.25	3.00	2.50	2.00	2.50	1.00	3.00	2.30
16060402	2.50	2.25	2.00	2.25	3.00	2.50	2.00	2.50	1.00	3.00	2.30
AVERAGE	2.7	2.2	2.1	2.0	1.9	1.9	2.1	2.3	1.7	2.7	2.2



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SWARNIM SCHOOL OF MANAGEMENT, COMMERCE AND LIBERAL ARTS				
PROGRAM NAME:- MBA				
YEAR: - 1ST - 2ND/FINAL YEAR				
TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-2024				
FOR 1ST - 2ND YEAR				
SMCLA MBA				
TARGET LEVEL		PERCENTAGE		
1		<=65		
2		>65 to 75<		
3		>=75		
1ST YEAR MBA				
Course Name	Course Code	Percentage	Level	Target
1ST YEAR MBA ACADEMIC YEAR 2023-2024				
Managerial Economics	MBA101MAE	65	1	1
Principles & Practices of Management	MBA102PPM	65	1	1
Marketing Management	MBA103MAM	65	1	1
Organization Behaviour	MBA104ORE	65	1	1
Production and Operation Management	MBA105POM	65	1	1
Accounting for Managers	MBA106AFM	65	1	1
Entrepreneurship and Startups	MBA107EAS	65	1	1
Business Statistics	MBA201BUS	65	1	1
Human Resource Management	MBA202HRM	65	1	1
Information Technology for Mangers	MBA203ITM	65	1	1
Financial Management	MBA204FIM	65	1	1
Professional Skills & Etiquettes	MBA205PSE	65	1	1
Business Research Methods	MBA206BRM	65	1	1
2ND YEAR MBA ACADEMIC YEAR 2023-2024				
New Enterprise and Innovation Management	16040301	65	1	1
Business Law	16040302	65	1	1
Business Strategy	16040303	65	1	1
Digital Marketing	16050301	65	1	1
Intergrated Marketing Communication	16050302	65	1	1
Stategic Human Resource Management	16070301	65	1	1
Compensation Management	16070302	65	1	1
Management of Financial Services	16060301	65	1	1
Security Analysis & Portfolio Management	16060302	65	1	1
Legal Aspects of Business	16040401	65	1	1
Global Marketing Management	16040402	65	1	1
Product and Brand Management	16050401	65	1	1
Services and Relationship Marketing	16050402	65	1	1
International Human Resource Mgmt	16070401	65	1	1
Change Management and Organizational Development	16070402	65	1	1
Risk Management	16060401	65	1	1
Merger Acquisition	16060402	65	1	1



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YEAR: - 1ST - 2ND/FINAL YEAR						
TARGET SET	PERCENTAGE					
Level 1	<=65					
Level 2	>65 to 75<					
Level 3	>=75					
Course	Course Code	Semester	No. of Students appeared	No. of Students scoring more than 60 % (in internal & external exam)	% students scoring defined marks	Attainment level
I SEMESTER OF ACEDEMIC YEAR 2023-24						
Managerial Economics	MBA101MAE	I	18	16	88.89	3
Principles & Practices of Management	MBA102PPM	I	18	18	100.00	3
Marketing Management	MBA103MAM	I	18	16	88.89	3
Organization Behaviour	MBA104ORE	I	18	14	77.78	3
Production and Operation Management	MBA105POM	I	18	18	100.00	3
Accounting for Managers	MBA106AFM	I	18	13	72.22	2
Entrepreneurship and Startups	MBA107EAS	I	18	16	88.89	3
2 SEMESTER OF ACEDEMIC YEAR 2023-24						
Business Statistics	MBA201BUS	II	18	15	83.33	3
Human Resource Management	MBA202HRM	II	18	16	88.89	3
Information Technology for Managers	MBA203ITM	II	18	12	66.67	2
Financial Management	MBA204FIM	II	18	14	77.78	3
Professional Skills & Etiquettes	MBA205PSE	II	18	12	66.67	2
Business Research Methods	MBA206BRM	II	18	13	72.22	2
3 SEMESTER OF ACEDEMIC YEAR 2023-24						
New Enterprise and Innovation Management	16040301	III	41	36	87.80	3
Business Law	16040302	III	41	33	80.49	3
Business Strategy	16040303	III	41	26	63.41	2
Digital Marketing	16050301	III	20	18	90.00	3
Intergrated Marketing Communication	16050302	III	20	13	65.00	2
Stategic Human Resource Management	16070301	III	34	15	44.12	1
Compensation Management	16070302	III	34	28	82.35	3
Management of Financial Services	16060301	III	29	27	93.10	3
Security Analysis & Portfolio Management	16060302	III	29	25	86.21	3
4 SEMESTER OF ACEDEMIC YEAR 2023-24						
Legal Aspects of Business	16040401	IV	38	32	84.21	3
Global Marketing Management	16040402	IV	38	35	92.11	3
Product and Brand Management	16050401	IV	21	20	95.24	3
Services and Relationship Marketing	16050402	IV	21	18	85.71	3
International Human Resource Mgmt	16070401	IV	38	26	68.42	2
Change Management and Organizational Development	16070402	IV	30	22	73.33	2
Risk Management	16060401	IV	25	20	80.00	3
Merger Acquisition	16060402	IV	25	23	92.00	3



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PROGRAMNAME:- MBA										
YEAR: - 1ST - 2ND/FINAL YEAR										
FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MBA 101MAE	0.87	0.93	0.87	0.47	0.67	0.93	0.80	0.33	0.60	1.00
MBA 102PPM	1.00	0.67	0.33	0.92	0.67	0.50	1.00	1.00	0.50	1.00
MBA 103MAM	0.93	0.73	0.67	0.67	0.87	0.60	0.67	0.60	0.47	1.00
MBA 104ORE	1.00	0.83	0.83	1.00	0.33	0.33	0.67	0.92	0.92	1.00
MBA 105POM	1.00	0.92	0.83	1.00	0.50	0.42	0.67	1.00	0.58	1.00
MBA 106AFM	0.67	0.58	0.31	0.22	0.36	0.67	0.22	0.31	0.27	0.67
MBA 107EAS	1.00	0.92	0.92	0.75	0.67	0.50	1.00	0.75	0.58	1.00
MBA 201BUS	0.73	0.67	0.80	0.47	1.00	0.87	0.73	0.33	0.80	0.40
MBA 202HRM	1.00	0.73	0.40	1.00	0.40	0.40	0.80	1.00	1.00	1.00
MBA 203ITM	0.22	0.44	0.22	0.22	0.22	0.22	0.22	0.44	0.22	0.67
MBA 204FIM	0.93	0.80	0.60	0.33	0.33	1.00	0.80	0.60	0.33	0.67
MBA 205PSE	0.28	0.28	0.33	0.33	0.28	0.33	0.28	0.28	0.33	0.28
MBA 206BRM	0.67	0.67	0.67	0.44	0.22	0.22	0.44	0.22	0.22	0.22
16040301	1.00	0.92	0.92	0.75	0.67	0.50	1.00	0.75	0.58	1.00
16040302	2.50	2.25	1.75	1.50	1.50	3.00	2.25	1.75	1.00	2.25
16040303	0.67	0.50	0.39	0.33	0.33	0.67	0.50	0.39	0.22	0.50
16050301	1.00	0.67	1.00	0.33	1.00	0.33	0.67	1.00	0.67	1.00
16050302	0.67	0.44	0.67	0.22	0.67	0.22	0.44	0.67	0.44	0.67
16070301	0.33	0.22	0.22	0.33	0.11	0.11	0.22	0.33	0.33	0.33
16070302	0.93	0.73	0.73	0.87	0.33	0.40	0.87	1.00	1.00	1.00
16060301	1.00	0.42	0.33	0.33	0.33	1.00	0.92	0.33	0.33	0.67
16060302	1.07	0.38	0.30	0.38	0.33	0.83	0.71	0.33	0.33	0.67
16040401	1.00	0.67	0.67	1.00	0.33	0.33	0.67	1.00	1.00	1.00
16040402	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
16050401	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
16050402	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
16070401	0.69	0.84	0.67	0.56	3.00	2.08	0.67	0.69	0.11	1.00
16070402	0.67	0.44	0.44	0.67	0.22	0.22	0.44	0.67	0.67	0.67
16060401	0.69	0.84	0.67	0.56	3.00	2.08	0.67	0.69	0.11	1.00
16060402	0.56	0.50	0.44	0.50	0.67	0.56	0.44	0.56	0.22	0.67
TOTAL PO DIRECT ATTAINMENT	25.58	21.24	18.99	18.42	22.01	21.84	20.76	20.46	14.86	25.32
COUNT	30	30	30	30	30	30	30	30	30	30
AVERAGE DIRECT ATTAINMENT	0.85	0.71	0.63	0.61	0.73	0.73	0.69	0.68	0.50	0.84



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YEAR: - 1ST - 2ND/FINAL YEAR										
TARGET LEVELS FOR PO'S FOR ALL COURSES)										
SUBJECT CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
MBA 101MAE	0.87	0.93	0.87	0.47	0.67	0.93	0.80	0.33	0.60	1.00
MBA 102PPM	1.00	0.67	0.33	0.92	0.67	0.50	1.00	1.00	0.50	1.00
MBA 103MAM	0.93	0.73	0.67	0.67	0.87	0.60	0.67	0.60	0.47	1.00
MBA 104ORE	1.00	0.83	0.83	1.00	0.33	0.33	0.67	0.92	0.92	1.00
MBA 105POM	1.00	0.92	0.83	1.00	0.50	0.42	0.67	1.00	0.58	1.00
MBA 106AFM	1.00	0.87	0.47	0.33	0.53	1.00	0.33	0.47	0.40	1.00
MBA 107EAS	1.00	0.92	0.92	0.75	0.67	0.50	1.00	0.75	0.58	1.00
MBA201BUS	0.73	0.67	0.80	0.47	1.00	0.87	0.73	0.33	0.80	0.40
MBA202HRM	1.00	0.73	0.40	1.00	0.40	0.40	0.80	1.00	1.00	1.00
MBA203ITM	0.33	0.67	0.33	0.33	0.33	0.33	0.33	0.67	0.33	1.00
MBA204FIM	0.93	0.80	0.60	0.33	0.33	1.00	0.80	0.60	0.33	0.67
MBA205PSE	0.42	0.42	0.50	0.50	0.42	0.50	0.42	0.42	0.50	0.42
MBA206BRM	1.00	1.00	1.00	0.67	0.33	0.33	0.67	0.33	0.33	0.33
16040301	1.00	0.92	0.92	0.75	0.67	0.50	1.00	0.75	0.58	1.00
16040302	2.5	2.3	1.8	1.5	1.5	3.0	2.3	1.8	1.0	2.3
16040303	1.00	0.75	0.58	0.50	0.50	1.00	0.75	0.58	0.33	0.75
16050301	1.00	0.67	1.00	0.33	1.00	0.33	0.67	1.00	0.67	1.00
16050302	1.00	0.67	1.00	0.33	1.00	0.33	0.67	1.00	0.67	1.00
16070301	1.00	0.67	0.67	1.00	0.33	0.33	0.67	1.00	1.00	1.00
16070302	0.93	0.73	0.73	0.87	0.33	0.40	0.87	1.00	1.00	1.00
16060301	1.00	0.42	0.33	0.33	0.33	1.00	0.92	0.33	0.33	0.67
16060302	1.07	0.38	0.30	0.38	0.33	0.83	0.71	0.33	0.33	0.67
16040401	1.00	0.67	0.67	1.00	0.33	0.33	0.67	1.00	1.00	1.00
16040402	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
16050401	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
16050402	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
16070401	1.00	0.67	0.67	1.00	0.33	0.33	0.67	1.00	1.00	1.00
16070402	1.00	0.67	0.67	1.00	0.33	0.33	0.67	1.00	1.00	1.00
16060401	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
16060402	0.83	0.75	0.67	0.75	1.00	0.83	0.67	0.83	0.33	1.00
SUM OF PO	28.89	23.35	21.17	21.18	19.05	20.62	22.71	23.33	17.93	28.15
COUNT OF PO	30	30	30	30	30	30	30	30	30	30
DIRECT TARGET (AVG)	0.96	0.78	0.71	0.71	0.64	0.69	0.76	0.78	0.6	0.94
ATTAINMENT OF PO DIRECT (Average value)	0.85	0.71	0.63	0.61	0.73	0.73	0.69	0.68	0.50	0.84
80% OF DIRECT ATT	0.68	0.57	0.51	0.49	0.59	0.58	0.55	0.55	0.40	0.68
20% OF INDIRECT	0.45	0.53	0.51	0.53	0.55	0.51	0.51	0.54	0.54	0.57
TOTAL	1.13	1.10	1.01	1.02	1.13	1.09	1.07	1.09	0.94	1.24



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SWARNIM SCHOOL OF COMPUTING AND IT											
PROGRAM NAME:- BCA											
YEAR: - 2ND AND 3RD YEAR											
THIS DATA IS COMPILED FROM CRITERIA 1.1.1											
CO PO MATRIX ALL COURSES											
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	OVERALL CO AVG
13030301	2.0	2.1	2.0	2.6	2.1	2.0	2.3	2.3	2.3	2.4	2.2
13030302	2.1	2.0	2.1	2.4	2.3	2.4	2.0	2.3	2.1	2.4	2.2
13030303	2.3	2.1	2.1	2.7	2.6	2.0	2.1	2.1	2.4	2.4	2.3
13030304	2.3	2.1	2.1	2.8	2.5	2.0	2.1	2.0	2.4	2.4	2.3
13030305	2.1	2.4	2.0	2.1	2.7	2.1	2.3	2.3	2.1	2.0	2.2
12300011	2.2	2.2	2.2	2.2	2.6	2.4	2.4	2.4	2.2	2.0	2.3
13030401	2.1	2.3	2.0	2.3	2.3	2.3	2.4	2.4	2.0	2.1	2.2
13030402	2.4	2.0	2.1	2.4	2.3	2.3	2.1	1.4	2.1	2.4	2.2
13030403	2.3	2.1	2.1	2.5	2.5	2.1	1.9	2.1	2.5	2.0	2.2
13030404	2.1	2.0	2.1	2.3	2.0	2.1	2.4	2.1	2.6	2.0	2.2
13030405	2.0	2.1	2.1	2.0	2.1	2.3	2.4	2.0	2.3	2.2	2.2
12300012	2.2	2.4	2.4	2.2	2.4	2.8	2.4	2.2	2.2	2.4	2.4
13030501	2.3	2.0	2.1	2.8	2.3	2.1	2.4	2.1	2.6	2.1	2.3
13030502	2.1	2.1	2.8	2.9	2.5	2.1	2.4	2.3	2.4	2.4	2.3
13030504	2.3	2.1	2.5	2.9	2.5	2.1	2.4	2.0	2.4	2.4	2.4
13030503	2.1	2.1	2.8	2.9	2.5	2.1	2.4	2.3	2.4	2.4	2.4
12300013	2.0	2.3	2.1	2.1	2.1	2.4	2.5	2.1	2.4	2.1	2.2
13030601	2.6	2.6	3.0	2.0	2.2	2.0	2.8	2.2	2.0	2.2	2.4
13030602	2.6	2.6	3.0	2.0	2.2	2.0	2.8	2.2	2.0	2.2	2.4
13030605	2.6	2.6	3.0	2.0	1.8	2.2	2.8	2.0	2.2	2.4	2.4
13030603	2.6	2.6	3.0	2.4	2.2	2.2	2.8	2.2	2.2	2.4	2.5
12300014	2.6	2.6	3.0	2.2	2.2	2.2	2.8	2.2	2.4	2.2	2.4
AVERAGE	2.2	2.1	2.2	2.4	2.4	2.2	2.3	2.1	2.3	2.2	2.2

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SWARNIM SCHOOL OF COMPUTING AND IT					
PROGRAM NAME:- BCA					
YEAR: - 2ND AND 3RD YEAR					
TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-2024					
FOR 2ND AND 3RD YEAR					
BCA					
TARGET LEVEL	MARKS				
1	<=60				
2	>60 to 64<				
3	>65				
BCA					
Course Name	Course Code	Semester	Percentage	Level	Target
Data and File Structure	13030301	III	60	1	1
Relational Data Base Management System	13030302	III	60	1	1
Operating System	13030303	III	60	1	1
Object Oriented Programming - I	13030304	III	60	1	1
Software Engineering	13030305	III	60	1	1
Intellectual Property Rights	12300011	III	60	1	1
Object Oriented Programming - II	13030401	IV	60	1	1
Open Source Technology	13030402	IV	60	1	1
Object Oriented Web Technology	13030403	IV	60	1	1
Data Communication and Network	13030404	IV	60	1	1
Data Center Management	13030405	IV	60	1	1
INTERMEDIATE PROGRAM IN ENTREPRENEURSHIP	12300012	IV	60	1	1
Object Oriented Programming - III	13030501	V	60	1	1
Object Oriented Analysis and Design	13030502	V	60	1	1
Android Programming	13030504	V	60	1	1
Software Development Project-I	13030503	V	60	1	1
ADVANCED PROGRAM IN ENTREPRENEURSHIP	12300013	V	60	1	1
Cyber Security	13030601	VI	60	1	1



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Cloud Computing	13030602	VI	60	1	1
Data Warehousing and Data Mining	13030605	VI	60	1	1
Software Development Project-II	13030603	VI	60	1	1
Start-Up Project	12300014	VI	60	1	1



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SWARNIM SCHOOL OF COMPUTING AND IT						
PROGRAM NAME:- BCA						
YEAR: - 2ND AND 3RD YEAR						
TARGET SET						
Level 1						<=60
Level 2						>60 to 64<
Level 3						>65
Course	Course Code	Semester	No. of Students appeared	No. of Students scoring more than 60% (in internal & external exam)	% students scoring defined marks	Attainment level
Data and File Structure	13030301	III	44	32	72.73	3
Relational Data Base Management System	13030302	III	44	35	79.55	3
Operating System	13030303	III	44	34	77.27	3
Object Oriented Programming - I	13030304	III	44	32	72.73	3
Software Engineering	13030305	III	44	34	77.27	3
Intellectual Property Rights	12300011	III	44	31	70.45	3
Object Oriented Programming - II	13030401	IV	45	32	71.11	3
Open Source Technology	13030402	IV	45	30	66.67	3
Object Oriented Web Technology	13030403	IV	45	34	75.56	3
Data Communication and Network	13030404	IV	45	35	77.78	3
Data Center Management	13030405	IV	45	35	77.78	3
INTERMEDIATE PROGRAM IN ENTREPRENEURSHIP	12300012	IV	45	23	51.11	1
Object Oriented Programming - III	13030501	V	45	34	75.56	3
Object Oriented Analysis and Design	13030502	V	45	34	75.56	3
Android Programming	13030504	V	45	34	75.56	3
Software Development Project-I	13030503	V	45	34	75.56	3
ADVANCED PROGRAM IN ENTREPRENEURSHIP	12300013	V	45	30	65.78	3



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Cyber Security	13030601	VI	45	26	57.78	1
Cloud Computing	13030602	VI	45	27	60.00	1
Data Warehousing and Data Mining	13030605	VI	45	27	60.00	1
Software Development Project-II	13030603	VI	45	33	73.33	3
Start-Up Project	12300014	VI	45	42	92.22	3



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SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- BCA										
YEAR: - 2ND AND 3RD YEAR										
FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
13030301	0.67	0.71	0.67	0.86	0.71	0.67	0.76	0.76	0.76	0.81
13030302	0.71	0.67	0.71	0.81	0.76	0.81	0.67	0.76	0.71	0.81
13030303	0.78	0.70	0.70	0.89	0.85	0.67	0.70	0.70	0.81	0.81
13030304	0.75	0.71	0.71	0.92	0.83	0.67	0.71	0.67	0.79	0.79
13030305	0.71	0.81	0.67	0.71	0.90	0.71	0.76	0.76	0.71	0.67
12300011	0.73	0.73	0.73	0.73	0.87	0.80	0.80	0.80	0.73	0.67
13030401	0.71	0.75	0.67	0.75	0.75	0.75	0.79	0.79	0.67	0.71
13030402	0.81	0.67	0.71	0.81	0.76	0.76	0.71	0.48	0.71	0.81
13030403	0.75	0.71	0.71	0.83	0.83	0.71	0.63	0.71	0.83	0.67
13030404	0.71	0.67	0.71	0.76	0.67	0.71	0.81	0.71	0.86	0.67
13030405	0.67	0.70	0.70	0.67	0.70	0.78	0.81	0.67	0.78	0.74
12300012	0.24	0.27	0.27	0.24	0.27	0.31	0.27	0.24	0.24	0.27
13030501	0.75	0.67	0.71	0.92	0.75	0.71	0.79	0.71	0.88	0.71
13030502	0.71	0.71	0.92	0.96	0.83	0.71	0.79	0.75	0.79	0.79
13030504	0.75	0.71	0.83	0.96	0.83	0.71	0.79	0.67	0.79	0.79
13030503	0.71	0.71	0.92	0.96	0.83	0.71	0.79	0.75	0.79	0.79
12300013	0.67	0.75	0.71	0.71	0.71	0.79	0.83	0.71	0.79	0.71
13030601	0.29	0.29	0.33	0.22	0.24	0.22	0.31	0.24	0.22	0.24
13030602	0.29	0.29	0.33	0.22	0.24	0.22	0.31	0.24	0.22	0.24
13030605	0.29	0.29	0.33	0.22	0.20	0.24	0.31	0.22	0.24	0.27
13030603	0.87	0.87	1.00	0.80	0.73	0.73	0.93	0.73	0.73	0.80
12300014	0.87	0.87	1.00	0.73	0.73	0.73	0.93	0.73	0.80	0.73



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TOTAL PO ATTAINMENT	14.43	14.25	15.05	15.69	15.03	14.14	15.24	13.83	14.89	14.51
COUNT	22	22	22	22	22	22	22	22	22	22
AVERAGE ATTAINMENT	0.66	0.65	0.68	0.71	0.68	0.64	0.69	0.63	0.68	0.66



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SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- BCA										
YEAR: - 2ND AND 3RD YEAR										
TARGET LEVEL FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
13030301	0.67	0.71	0.67	0.86	0.71	0.67	0.76	0.76	0.76	0.81
13030302	0.71	0.67	0.71	0.81	0.76	0.81	0.67	0.76	0.71	0.81
13030303	0.78	0.70	0.70	0.89	0.85	0.67	0.70	0.70	0.81	0.81
13030304	0.75	0.71	0.71	0.92	0.83	0.67	0.71	0.67	0.79	0.79
13030305	0.71	0.81	0.67	0.71	0.90	0.71	0.76	0.76	0.71	0.67
12300011	0.73	0.73	0.73	0.73	0.87	0.80	0.80	0.80	0.73	0.67
13030401	0.71	0.75	0.67	0.75	0.75	0.75	0.79	0.79	0.67	0.71
13030402	0.81	0.67	0.71	0.81	0.76	0.76	0.71	0.48	0.71	0.81
13030403	0.75	0.71	0.71	0.83	0.83	0.71	0.63	0.71	0.83	0.67
13030404	0.71	0.67	0.71	0.76	0.67	0.71	0.81	0.71	0.86	0.67
13030405	0.67	0.70	0.70	0.67	0.70	0.78	0.81	0.67	0.78	0.74
12300012	0.73	0.80	0.80	0.73	0.80	0.93	0.80	0.73	0.73	0.80
13030501	0.75	0.67	0.71	0.92	0.75	0.71	0.79	0.71	0.88	0.71
13030502	0.71	0.71	0.92	0.96	0.83	0.71	0.79	0.75	0.79	0.79
13030504	0.75	0.71	0.83	0.96	0.83	0.71	0.79	0.67	0.79	0.79
13030503	0.71	0.71	0.92	0.96	0.83	0.71	0.79	0.75	0.79	0.79
12300013	0.67	0.75	0.71	0.71	0.71	0.79	0.83	0.71	0.79	0.71
13030601	0.87	0.87	1.00	0.67	0.73	0.67	0.93	0.73	0.67	0.73
13030602	0.87	0.87	1.00	0.67	0.73	0.67	0.93	0.73	0.67	0.73
13030605	0.87	0.87	1.00	0.67	0.60	0.73	0.93	0.67	0.73	0.80
13030603	0.87	0.87	1.00	0.80	0.73	0.73	0.93	0.73	0.73	0.80
12300014	0.87	0.87	1.00	0.73	0.73	0.73	0.93	0.73	0.80	0.73
SUM OF PO	16.66	16.51	17.59	17.52	16.94	16.14	17.64	15.74	16.76	16.55



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COUNT OF PO	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
DIRECT TARGET (AVG)	0.76	0.75	0.80	0.80	0.77	0.73	0.80	0.72	0.76	0.75
ATTAINMENT OF PO DIRECT (Average value found)	0.66	0.65	0.68	0.71	0.68	0.64	0.69	0.63	0.68	0.66
80% OF DIRECT ATT	0.52	0.52	0.55	0.57	0.55	0.51	0.55	0.50	0.54	0.53
20% OF INDIRECT ATTAINMENT	0.52	0.53	0.50	0.54	0.53	0.53	0.53	0.53	0.54	0.54
TOTAL	1.04	1.05	1.05	1.11	1.08	1.04	1.08	1.03	1.08	1.07



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SWARNIM SCHOOL OF COMPUTING AND IT											
PROGRAM NAME:- BCA(Honours)											
YEAR: - 1ST YEAR											
THIS DATA IS COMPILED FROM CRITERIA 1.1.1											
CO PO MATRIX ALL COURSES											
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	OVERAL L CO AVG
BCA230101	2.4	2.4	2.2	2.2	2.2	2.2	2.4	2.2	2.0	2.0	2.2
BCA230102	2.4	2.4	2.2	2.2	2.0	2.0	2.0	2.0	2.2	2.4	2.2
BCA230103	2.6	2.8	2.6	2.0	2.2	2.2	2.2	2.2	2.0	2.2	2.3
BCA230104	2.8	2.4	2.4	2.2	2.0	2.2	2.2	2.0	2.0	2.2	2.2
AEC230101	2.4	2.4	2.4	2.6	2.4	2.2	2.0	2.2	2.2	2.4	2.3
SEC230101	2.5	2.8	2.3	2.3	2.5	2.8	2.8	2.5	2.5	2.3	2.5
IKS230101	2.6	2.4	2.4	2.4	2.4	2.0	2.4	2.6	2.2	2.2	2.4
BCA230201	2.8	2.6	2.4	2.2	2.2	2.2	2.2	2.2	2.6	2.2	2.4
BCA230202	2.8	2.6	2.2	2.4	2.2	2.2	2.2	2.2	2.2	2.4	2.3
BCA230203	2.8	2.5	2.5	2.3	2.5	2.3	2.5	2.3	2.5	2.3	2.4
BCA230204	2.8	2.5	2.3	2.3	2.3	2.8	2.8	2.0	2.8	2.5	2.5
AEC230202	2.8	2.5	2.3	2.0	2.8	2.3	2.3	2.5	2.5	2.3	2.4
SEC230202	2.5	2.5	2.0	2.5	2.0	2.5	2.5	2.5	2.5	2.5	2.4
VAC230202	2.8	2.5	2.0	2.3	2.0	2.0	2.5	2.0	2.0	2.5	2.3
AVERAGE	2.6	2.5	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3

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SWARNIM SCHOOL OF COMPUTING AND IT					
PROGRAM NAME:- BCA (Honours)					
YEAR: - 1ST YEAR					
TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-2024					
FOR 1ST YEAR					
BCA					
TARGET LEVEL	MARKS				
1	<=60				
2	>60 to 64<				
3	>65				
BCA (Honours)					
Course Name	Course Code	Semester	Percentage	Level	Target
Fundamentals of Computers	BCA230101	I	60	1	1
Programming in C	BCA230102	I	60	1	1
Web Development Using HTML, CSS & XML	BCA230103	I	60	1	1
Mathematical Foundation	BCA230104	I	60	1	1
Communication Skills	AEC230101	I	60	1	1
Foundation of Entrepreneurship	SEC230101	I	60	1	1
Indian Science and Technology	IKS230101	I	60	1	1
Data Structures using C	BCA230201	II	60	1	1
Object Oriented Concepts using C++	BCA230202	II	60	1	1
Core Java	BCA230203	II	60	1	1
Foundation in Statistical Methods	BCA230204	II	60	1	1
Logical & Critical Thinking	AEC230202	II	60	1	1
Identifying Entrepreneurial Opportunities	SEC230202	II	60	1	1
Environmental Studies	VAC230202	II	60	1	1



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SWARNIM SCHOOL OF COMPUTING AND IT						
PROGRAM NAME:- BCA(Honours)						
YEAR: - 1ST YEAR						
TARGET SET						
Level 1			<=60			
Level 2			>60 to 64<			
Level 3			>65			
Course	Course Code	Semester	No. of Students appeared	No. of Students scoring more than 60% (in internal & external exam)	% students scoring defined marks	Attainment level
Fundamentals of Computers	BCA230101	I	47	37	78.72	3
Programming in C	BCA230102	I	47	31	65.96	3
Web Development Using HTML, CSS & XML	BCA230103	I	47	37	78.72	3
Mathematical Foundation	BCA230104	I	47	12	25.53	1
Communication Skills	AEC230101	I	47	29	61.70	2
Foundation of Entrepreneurship	SEC230101	I	47	26	55.32	1
Indian Science and Technology	IKS230101	I	47	14	29.79	1
Data Structures using C	BCA230201	II	41	34	82.93	3
Object Oriented Concepts using C++	BCA230202	II	41	32	78.05	3
Core Java	BCA230203	II	41	34	82.93	3
Foundation in Statistical Methods	BCA230204	II	41	15	36.59	1
Logical & Critical Thinking	AEC230202	II	41	31	75.61	3
Identifying Entrepreneurial Opportunities	SEC230202	II	41	35	85.37	3
Environmental Studies	VAC230202	II	41	24	58.54	1

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PROGRAM NAME:- BCA (Honours)										
YEAR: - 1ST YEAR										
FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BCA230101	0.80	0.80	0.73	0.73	0.73	0.73	0.80	0.73	0.67	0.67
BCA230102	0.80	0.80	0.73	0.73	0.67	0.67	0.67	0.67	0.73	0.80
BCA230103	0.87	0.93	0.87	0.67	0.73	0.73	0.73	0.73	0.67	0.73
BCA230104	0.31	0.27	0.27	0.24	0.22	0.24	0.24	0.22	0.22	0.24
AEC230101	0.53	0.53	0.53	0.58	0.53	0.49	0.44	0.49	0.49	0.53
SEC230101	0.28	0.31	0.25	0.25	0.28	0.31	0.31	0.28	0.28	0.25
IKS230101	0.29	0.27	0.27	0.27	0.27	0.22	0.27	0.29	0.24	0.24
BCA230201	0.93	0.87	0.80	0.73	0.73	0.73	0.73	0.73	0.87	0.73
BCA230202	0.93	0.87	0.73	0.80	0.73	0.73	0.73	0.73	0.73	0.80
BCA230203	0.92	0.83	0.83	0.75	0.83	0.75	0.83	0.75	0.83	0.75
BCA230204	0.31	0.28	0.25	0.25	0.25	0.31	0.31	0.22	0.31	0.28
AEC230202	0.92	0.83	0.75	0.67	0.92	0.75	0.75	0.83	0.83	0.75
SEC230202	0.83	0.83	0.67	0.83	0.67	0.83	0.83	0.83	0.83	0.83
VAC230202	0.31	0.28	0.22	0.25	0.22	0.22	0.28	0.22	0.22	0.28
TOTAL PO ATTAINMENT	9.02	8.69	7.91	7.76	7.79	7.72	7.93	7.74	7.93	7.89
COUNT	14	14	14	14	14	14	14	14	14	14
AVERAGE ATTAINMENT	0.64	0.62	0.56	0.55	0.56	0.55	0.57	0.55	0.57	0.56





SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- BCA (Honours)										
YEAR: - 1ST YEAR										
TARGET LEVEL FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BCA230101	0.80	0.80	0.73	0.73	0.73	0.73	0.80	0.73	0.67	0.67
BCA230102	0.80	0.80	0.73	0.73	0.67	0.67	0.67	0.67	0.73	0.80
BCA230103	0.87	0.93	0.87	0.67	0.73	0.73	0.73	0.73	0.67	0.73
BCA230104	0.93	0.80	0.80	0.73	0.67	0.73	0.73	0.67	0.67	0.73
AEC230101	0.80	0.80	0.80	0.87	0.80	0.73	0.67	0.73	0.73	0.80
SEC230101	0.83	0.92	0.75	0.75	0.83	0.92	0.92	0.83	0.83	0.75
IKS230101	0.87	0.80	0.80	0.80	0.80	0.67	0.80	0.87	0.73	0.73
BCA230201	0.93	0.87	0.80	0.73	0.73	0.73	0.73	0.73	0.87	0.73
BCA230202	0.93	0.87	0.73	0.80	0.73	0.73	0.73	0.73	0.73	0.80
BCA230203	0.92	0.83	0.83	0.75	0.83	0.75	0.83	0.75	0.83	0.75
BCA230204	0.92	0.83	0.75	0.75	0.75	0.92	0.92	0.67	0.92	0.83
AEC230202	0.92	0.83	0.75	0.67	0.92	0.75	0.75	0.83	0.83	0.75
SEC230202	0.83	0.83	0.67	0.83	0.67	0.83	0.83	0.83	0.83	0.83
VAC230202	0.92	0.83	0.67	0.75	0.67	0.67	0.83	0.67	0.67	0.83
SUM OF PO	12.27	11.75	10.68	10.57	10.53	10.57	10.95	10.45	10.72	10.75
COUNT OF PO	14	14	14	14	14	14	14	14	14	14
DIRECT TARGET (AVG)	0.88	0.84	0.76	0.75	0.75	0.75	0.78	0.75	0.77	0.77
ATTAINMENT OF PO DIRECT (Average value found)	0.64	0.62	0.56	0.55	0.56	0.55	0.57	0.55	0.57	0.56
80% OF DIRECT ATT	0.52	0.50	0.45	0.44	0.45	0.44	0.45	0.44	0.45	0.45
20% OF INDIRECT ATTAINMENT	0.53	0.55	0.55	0.57	0.55	0.56	0.55	0.56	0.55	0.55



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TOTAL	1.05	1.05	1.00	1.01	1.00	1.00	1.00	1.00	1.00	1.00
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SWARNIM SCHOOL OF COMPUTING AND IT											
PROGRAM NAME:- BSCIT											
YEAR: - 2ND YEAR											
THIS DATA IS COMPILED FROM CRITERIA 1.1.1											
CO PO MATRIX ALL COURSES											
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	OVERALL CO AVG
14360301	2.6	2.6	3.0	2.2	2.2	2.2	2.4	2.4	2.2	2.6	2.4
14360302	2.6	2.8	3.0	2.0	2.2	2.2	2.4	2.2	2.2	2.8	2.4
14360303	2.8	3.0	3.0	2.0	2.2	2.4	2.6	2.2	2.2	2.8	2.5
14360304	2.8	3.0	3.0	2.0	2.0	2.0	2.2	2.2	2.0	2.8	2.4
12300011	2.8	3.0	3.0	2.2	2.0	2.2	2.2	2.2	2.6	2.8	2.5
14360401	2.5	2.8	2.8	2.0	2.2	2.2	2.3	2.0	2.2	2.8	2.4
14360402	2.6	2.8	3.0	2.0	2.2	2.2	2.4	2.0	2.2	2.8	2.4
14360403	2.6	2.8	3.0	2.2	2.2	2.2	2.6	2.2	2.2	2.8	2.5
14360404	2.6	2.8	3.0	2.0	2.4	2.2	2.4	2.4	2.2	2.8	2.5
12300012	2.6	2.8	3.0	2.2	2.2	2.2	2.4	2.2	2.2	2.8	2.5
AVERAGE	2.7	2.8	3.0	2.1	2.2	2.2	2.4	2.2	2.2	2.8	2.5



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SWARNIM SCHOOL OF COMPUTING AND IT					
PROGRAM NAME:- BSCIT					
YEAR: - 2ND YEAR					
TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-2024					
FOR 2ND YEAR					
BSCIT					
TARGET LEVEL	MARKS				
1	<=60				
2	>60 to 64<				
3	>65				
BSCIT					
Course Name	Course Code	Semester	Percentage	Level	Target
SAD, Software Quality Assurance and Testing	14360301	III	60	1	1
C++ and Object Oriented Programming	14360302	III	60	1	1
RDBMS Using Oracle	14360303	III	60	1	1
Web development using Joomla! CMS	14360304	III	60	1	1
Intellectual Property Rights	12300011	III	60	1	1
Programming with JAVA	14360401	IV	60	1	1
Network Technology and Administration	14360402	IV	60	1	1
Operating Systems Concepts With Unix and Linux	14360403	IV	60	1	1
Programming with C#	14360404	IV	60	1	1
Intermediate Program in Entrepreneurship	12300012	IV	60	1	1



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PROGRAM NAME:- BSCIT						
YEAR: - 2ND YEAR						
TARGET SET						
Level 1						<=60
Level 2						>60 to 64<
Level 3						>65
Course	Course Code	Semester	No. of Students appeared	No. of Students scoring more than 60% (in internal & external exam)	% students scoring defined marks	Attainment level
SAD, Software Quality Assurance and Testing	14360301	III	9	7	77.78	3
C++ and Object Oriented Programming	14360302	III	9	7	77.78	3
RDBMS Using Oracle	14360303	III	9	7	77.78	3
Web development using Joomla! CMS	14360304	III	9	7	77.78	3
Intellectual Property Rights	12300011	III	9	5	55.56	1
Programming with JAVA	14360401	IV	9	6	66.67	3
Network Technology and Administration	14360402	IV	9	6	66.67	3
Operating Systems Concepts With Unix and Linux	14360403	IV	9	6	66.67	3
Programming with C#	14360404	IV	9	6	66.67	3
Intermediate Program in Entrepreneurship	12300012	IV	9	4	44.44	1



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SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- BSCIT										
YEAR: - 2ND YEAR										
FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
14360301	0.87	0.87	1.00	0.73	0.73	0.73	0.80	0.80	0.73	0.87
14360302	0.87	0.93	1.00	0.67	0.73	0.73	0.80	0.73	0.73	0.93
14360303	0.93	1.00	1.00	0.67	0.73	0.80	0.87	0.73	0.73	0.93
14360304	0.93	1.00	1.00	0.67	0.67	0.67	0.73	0.73	0.67	0.93
12300011	0.31	0.33	0.33	0.24	0.22	0.24	0.24	0.24	0.29	0.31
14360401	0.83	0.94	0.94	0.67	0.72	0.72	0.78	0.67	0.72	0.94
14360402	0.87	0.93	1.00	0.67	0.73	0.73	0.80	0.67	0.73	0.93
14360403	0.87	0.93	1.00	0.73	0.73	0.73	0.87	0.73	0.73	0.93
14360404	0.87	0.93	1.00	0.67	0.80	0.73	0.80	0.80	0.73	0.93
12300012	0.29	0.31	0.33	0.24	0.24	0.24	0.27	0.24	0.24	0.31
TOTAL PO ATTAINMENT	7.63	8.19	8.61	5.96	6.32	6.35	6.95	6.36	6.32	8.03
COUNT	10	10	10	10	10	10	10	10	10	10
AVERAGE ATTAINMENT	0.76	0.82	0.86	0.60	0.63	0.63	0.70	0.64	0.63	0.80



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SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- BSCIT										
YEAR: - 2ND YEAR										
TARGET LEVEL FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
14360301	0.87	0.87	1.00	0.73	0.73	0.73	0.80	0.80	0.73	0.87
14360302	0.87	0.93	1.00	0.67	0.73	0.73	0.80	0.73	0.73	0.93
14360303	0.93	1.00	1.00	0.67	0.73	0.80	0.87	0.73	0.73	0.93
14360304	0.93	1.00	1.00	0.67	0.67	0.67	0.73	0.73	0.67	0.93
12300011	0.93	1.00	1.00	0.73	0.67	0.73	0.73	0.73	0.87	0.93
14360401	0.83	0.94	0.94	0.67	0.72	0.72	0.78	0.67	0.72	0.94
14360402	0.87	0.93	1.00	0.67	0.73	0.73	0.80	0.67	0.73	0.93
14360403	0.87	0.93	1.00	0.73	0.73	0.73	0.87	0.73	0.73	0.93
14360404	0.87	0.93	1.00	0.67	0.80	0.73	0.80	0.80	0.73	0.93
12300012	0.87	0.93	1.00	0.73	0.73	0.73	0.80	0.73	0.73	0.93
SUM OF PO	8.83	9.48	9.94	6.93	7.26	7.32	7.98	7.33	7.39	9.28
COUNT OF PO	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
DIRECT TARGET (AVG)	0.88	0.95	0.99	0.69	0.73	0.73	0.80	0.73	0.74	0.93
ATTAINMENT OF PO DIRECT (Average value found)	0.76	0.82	0.86	0.60	0.63	0.63	0.70	0.64	0.63	0.80
80% OF DIRECT ATT	0.61	0.66	0.69	0.48	0.51	0.51	0.56	0.51	0.51	0.64
20% OF INDIRECT ATTAINMENT	0.50	0.53	0.47	0.53	0.50	0.50	0.53	0.50	0.57	0.57
TOTAL	1.11	1.19	1.16	1.01	1.01	1.01	1.09	1.01	1.08	1.21





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SWARNIM SCHOOL OF COMPUTING AND IT											
PROGRAM NAME:- BSCIT (Honours)											
YEAR: - 1ST YEAR											
THIS DATA IS COMPILED FROM CRITERIA 1.1.1											
CO PO MATRIX ALL COURSES											
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	OVERALL CO AVG
BSCIT230101	3.0	2.4	2.4	2.6	2.6	2.6	2.6	2.6	2.8	2.4	2.6
BSCIT230102	2.8	3.0	2.6	2.6	2.2	2.2	2.6	2.8	2.2	2.0	2.5
BSCIT230103	2.6	2.8	2.6	2.0	2.4	2.6	2.2	2.8	2.4	2.4	2.5
BSCIT230104	2.8	2.4	2.4	3.0	2.2	2.6	2.6	2.8	2.6	2.4	2.6
AEC230101	2.4	2.4	2.4	2.6	3.0	2.2	2.6	2.6	2.6	2.4	2.5
SEC230101	2.5	2.8	2.3	2.3	2.0	3.0	3.0	2.8	2.0	2.5	2.5
IKS230101	2.6	2.4	2.0	2.4	2.4	2.0	3.0	2.6	2.4	2.2	2.4
BSCIT230201	2.8	2.6	2.4	2.0	2.2	2.0	2.0	3.0	2.2	2.2	2.3
BSCIT230202	2.4	2.4	2.4	2.6	2.4	2.6	2.4	2.6	3.0	2.4	2.5
BSCIT230203	2.8	2.4	2.6	2.2	2.2	2.0	2.2	2.6	2.0	3.0	2.4
BSCIT230204	3.0	2.8	2.6	2.0	2.4	2.8	2.2	2.8	2.0	2.0	2.5
AEC230202	2.4	3.0	2.4	2.2	2.0	2.0	2.2	2.6	1.6	2.0	2.2
SEC230202	2.8	2.8	3.0	2.3	2.0	2.0	3.0	2.5	2.3	2.3	2.5
VAC230202	2.8	2.5	2.0	3.0	2.3	2.3	2.3	3.0	2.0	2.5	2.5
AVERAGE	2.7	2.6	2.4	2.4	2.3	2.3	2.5	2.7	2.3	2.3	2.5



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SWARNIM SCHOOL OF COMPUTING AND IT					
PROGRAM NAME:- BSCIT (Honours)					
YEAR: - 1ST YEAR					
TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-2024					
FOR 1ST YEAR					
BSCIT (NEP)					
TARGET LEVEL	MARKS				
1	<=60				
2	>60 to 64<				
3	>65				
BSCIT(Honours)					
Course Name	Course Code	Semester	Percentage	Level	Target
Fundamentals of Computers	BSCIT230101	I	60	1	1
Programming in C	BSCIT230102	I	60	1	1
Web Development Using HTML, CSS & XML	BSCIT230103	I	60	1	1
Mathematical Foundation	BSCIT230104	I	60	1	1
Communication Skills	AEC230101	I	60	1	1
Foundation of Entrepreneurship	SEC230101	I	60	1	1
Indian Science and Technology	IKS230101	I	60	1	1
Data Structures using C	BSCIT230201	II	60	1	1
Database Management System	BSCIT230202	II	60	1	1
Mobile Application	BSCIT230203	II	60	1	1
Foundation in Statistical Methods	BSCIT230204	II	60	1	1
Logical & Critical Thinking	AEC230202	II	60	1	1
Identifying Entrepreneurial Opportunities	SEC230202	II	60	1	1
Environmental Studies	VAC230202	II	60	1	1



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SWARNIM SCHOOL OF COMPUTING AND IT						
PROGRAM NAME:- BSCIT (Honours)						
YEAR: - 1ST YEAR						
TARGET SET						
Level 1						<=60
Level 2						>60 to 64<
Level 3						>65
Course	Course Code	Semester	No. of Students appeared	No. of Students scoring more than 60% (in internal & external exam)	% students scoring defined marks	Attainment level
Fundamentals of Computers	BSCIT230101	I	28	17	60.71	2
Programming in C	BSCIT230102	I	28	18	64.29	2
Web Development Using HTML, CSS & XML	BSCIT230103	I	28	19	67.86	3
Mathematical Foundation	BSCIT230104	I	28	16	57.14	1
Communication Skills	AEC230101	I	28	18	64.29	2
Foundation of Entrepreneurship	SEC230101	I	28	16	57.14	1
Indian Science and Technology	IKS230101	I	28	18	64.29	2
Data Structures using C	BSCIT230201	II	26	16	61.54	2
Database Management System	BSCIT230202	II	26	18	69.23	3
Mobile Application	BSCIT230203	II	26	18	69.23	3
Foundation in Statistical Methods	BSCIT230204	II	26	15	57.69	1
Logical & Critical Thinking	AEC230202	II	26	16	61.54	2
Identifying Entrepreneurial Opportunities	SEC230202	II	26	17	65.38	3
Environmental Studies	VAC230202	II	26	15	57.69	1

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SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- BSCIT (Honours)										
YEAR: - 1ST YEAR										
FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BSCIT230101	0.67	0.53	0.53	0.58	0.58	0.58	0.58	0.58	0.62	0.53
BSCIT230102	0.62	0.67	0.58	0.58	0.49	0.49	0.58	0.62	0.49	0.44
BSCIT230103	0.87	0.93	0.87	0.67	0.80	0.87	0.73	0.93	0.80	0.80
BSCIT230104	0.31	0.27	0.27	0.33	0.24	0.29	0.29	0.31	0.29	0.27
AEC230101	0.53	0.53	0.53	0.58	0.67	0.49	0.58	0.58	0.58	0.53
SEC230101	0.28	0.31	0.25	0.25	0.22	0.33	0.33	0.31	0.22	0.28
IKS230101	0.58	0.53	0.44	0.53	0.53	0.44	0.67	0.58	0.53	0.49
BSCIT230201	0.62	0.58	0.53	0.44	0.49	0.44	0.44	0.67	0.49	0.49
BSCIT230202	0.80	0.80	0.80	0.87	0.80	0.87	0.80	0.87	1.00	0.80
BSCIT230203	0.93	0.80	0.87	0.73	0.73	0.67	0.73	0.87	0.67	1.00
BSCIT230204	0.33	0.31	0.29	0.22	0.27	0.31	0.24	0.31	0.22	0.22
AEC230202	0.53	0.67	0.53	0.49	0.44	0.44	0.49	0.58	0.36	0.44
SEC230202	0.92	0.92	1.00	0.75	0.67	0.67	1.00	0.83	0.75	0.75
VAC230202	0.31	0.28	0.22	0.33	0.25	0.25	0.25	0.33	0.22	0.28
TOTAL PO ATTAINMENT	8.30	8.12	7.72	7.36	7.18	7.14	7.72	8.36	7.24	7.33
COUNT	14	14	14	14	14	14	14	14	14	14
AVERAGE ATTAINMENT	0.59	0.58	0.55	0.53	0.51	0.51	0.55	0.60	0.52	0.52



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SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- BSCIT (Honours)										
YEAR: - 1ST YEAR										
TARGET LEVEL FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
BSCIT230101	1.00	0.80	0.80	0.87	0.87	0.87	0.87	0.87	0.93	0.80
BSCIT230102	0.93	1.00	0.87	0.87	0.73	0.73	0.87	0.93	0.73	0.67
BSCIT230103	0.87	0.93	0.87	0.67	0.80	0.87	0.73	0.93	0.80	0.80
BSCIT230104	0.93	0.80	0.80	1.00	0.73	0.87	0.87	0.93	0.87	0.80
AEC230101	0.80	0.80	0.80	0.87	1.00	0.73	0.87	0.87	0.87	0.80
SEC230101	0.83	0.92	0.75	0.75	0.67	1.00	1.00	0.92	0.67	0.83
IKS230101	0.87	0.80	0.67	0.80	0.80	0.67	1.00	0.87	0.80	0.73
BSCIT230201	0.93	0.87	0.80	0.67	0.73	0.67	0.67	1.00	0.73	0.73
BSCIT230202	0.80	0.80	0.80	0.87	0.80	0.87	0.80	0.87	1.00	0.80
BSCIT230203	0.93	0.80	0.87	0.73	0.73	0.67	0.73	0.87	0.67	1.00
BSCIT230204	1.00	0.93	0.87	0.67	0.80	0.93	0.73	0.93	0.67	0.67
AEC230202	0.80	1.00	0.80	0.73	0.67	0.67	0.73	0.87	0.53	0.67
SEC230202	0.92	0.92	1.00	0.75	0.67	0.67	1.00	0.83	0.75	0.75
VAC230202	0.92	0.83	0.67	1.00	0.75	0.75	0.75	1.00	0.67	0.83
SUM OF PO	12.53	12.20	11.35	11.23	10.75	10.95	11.62	12.68	10.68	10.88
COUNT OF PO	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
DIRECT TARGET (AVG)	0.90	0.87	0.81	0.80	0.77	0.78	0.83	0.91	0.76	0.78
ATTAINMENT OF PO DIRECT (Average value found)	0.59	0.58	0.55	0.53	0.51	0.51	0.55	0.60	0.52	0.52
80% OF DIRECT ATT	0.47	0.46	0.44	0.42	0.41	0.41	0.44	0.48	0.41	0.42
20% OF INDIRECT ATTAINMENT	0.54	0.56	0.56	0.59	0.59	0.59	0.57	0.54	0.59	0.59
TOTAL	1.01	1.02	1.00	1.01	1.00	1.00	1.01	1.02	1.00	1.01





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SWARNIM SCHOOL OF COMPUTING AND IT											
PROGRAM NAME:- MCA											
YEAR: - 1ST - 2ND/FINAL YEAR											
THIS DATA IS COMPILED FROM CRITERIA 1.1.1											
CO PO MATRIX ALL COURSES											
SUBJECT CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO1	OVERALL PO AVG
16110101	2.5	2.5	3.0	2.3	2.3	2.0	2.3	2.0	2.0	2.8	2.4
16110102	2.7	1.8	2.8	2.5	2.3	2.0	2.3	2.3	2.2	2.2	2.3
16110103	2.3	2.5	2.5	1.8	1.5	2.2	2.5	2.3	2.2	2.5	2.2
16110106	2.4	2.4	2.8	1.6	1.6	2.2	2.4	2.6	2.2	2.8	2.3
16110112	2.6	2.6	3.0	2.2	2.0	2.4	2.4	2.2	2.4	2.8	2.5
16110201	2.4	2.6	2.8	1.6	1.6	1.6	2.2	2.6	2.6	2.8	2.3
16110202	2.5	2.7	2.8	1.7	1.5	2.5	2.5	2.3	2.2	2.8	2.4
16110203	2.5	2.7	2.8	1.8	1.3	2.0	2.0	2.0	2.2	2.2	2.2
16110204	2.5	2.7	2.8	2.2	2.0	2.2	2.0	2.0	2.2	2.8	2.3
16110213	2.7	2.7	2.7	2.0	2.2	2.0	2.0	2.2	2.0	2.8	2.3
16110301	2.4	2.6	2.4	2.0	2.0	2.2	2.2	2.0	1.8	2.8	2.2
16110302	2.6	2.6	2.8	2.2	2.2	2.2	2.2	2.2	2.0	2.8	2.4
16110303	2.4	2.8	2.8	2.2	2.4	2.2	2.2	2.6	2.4	2.8	2.5
16110304	2.5	2.7	2.7	1.7	2.5	2.3	2.3	2.2	2.3	2.8	2.4
16110312	2.4	2.8	2.6	2.0	3.0	1.6	2.0	2.2	2.6	2.8	2.4
16110401	2.7	2.7	2.8	1.8	2.8	2.0	2.0	2.8	1.7	1.7	2.3
AVERAGE	2.5	2.6	2.8	2.0	2.1	2.1	2.2	2.3	2.2	2.6	2.3



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SWARNIM SCHOOL OF COMPUTING AND IT					
PROGRAM NAME:- MCA					
YEAR: - 1ST - 2ND/FINAL YEAR					
TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-2024					
FOR 1ST TO 2ND YEAR					
MCA					
TARGET LEVEL	MARKS				
1	<=60				
2	>60 to 64<				
3	>65				
MCA					
Course Name	Course Code	Semester	Percentage	Level	Target
Basic Mathematics	16110101	I	60	1	1
Basic ComputerScience-1	16110102	I	60	1	1
Basic ComputerScience-2	16110103	I	60	1	1
Programming with Python	16110106	I	60	1	1
Information Security	16110112	I	60	1	1
Basic Statistics	16110201	II	60	1	1
Basic ComputerScience-3	16110202	II	60	1	1
Basic ComputerScience-4	16110203	II	60	1	1
Network Security	16110204	II	60	1	1
Android Programming	16110213	II	60	1	1
Design & Analysis of Algorithms	16110301	III	60	1	1
Artificial Intelligence	16110302	III	60	1	1
Digital Technology Trends	16110303	III	60	1	1
Big Data Analytics	16110304	III	60	1	1
Cloud Computing	16110312	III	60	1	1
Project	16110401	IV	60	1	1



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SWARNIM SCHOOL OF COMPUTING AND IT						
PROGRAM NAME:- MCA						
YEAR: - 1ST - 2ND/FINAL YEAR						
TARGET SET						
Level 1					<=60	
Level 2					>60 to 64<	
Level 3					>65	
Course	Course Code	Semester	No. of Students appeared	No. of Students scoring more than 60% (in internal & external exam)	% students scoring defined marks	Attainment level
Basic Mathematics	16110101	I	7	6	85.71	3
Basic ComputerScience-1	16110102	I	7	4	57.14	1
Basic ComputerScience-2	16110103	I	7	5	71.43	3
Programming with Python	16110106	I	7	5	71.43	3
Information Security	16110112	I	7	5	71.43	3
Basic Statistics	16110201	II	7	5	71.43	3
Basic ComputerScience-3	16110202	II	7	4	57.14	1
Basic ComputerScience-4	16110203	II	7	5	71.43	3
Network Security	16110204	II	7	5	71.43	3
Android Programming	16110213	II	7	4	57.14	1
Design & Analysis of Algorithms	16110301	III	4	3	75.00	3
Artificial Intelligence	16110302	III	4	3	75.00	3
Digital Technology Trends	16110303	III	4	3	75.00	3
Big Data Analytics	16110304	III	4	3	75.00	3
Cloud Computing	16110312	III	4	3	75.00	3
Project	16110401	IV	4	4	100.00	3



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SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- MCA										
YEAR: - 1ST - 2ND/FINAL YEAR										
FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
16110101	0.83	0.83	1.00	0.75	0.75	0.67	0.75	0.67	0.67	0.92
16110102	0.30	0.20	0.31	0.28	0.26	0.22	0.26	0.26	0.24	0.24
16110103	0.78	0.83	0.83	0.61	0.50	0.72	0.83	0.78	0.72	0.83
16110106	0.80	0.80	0.93	0.53	0.53	0.73	0.80	0.87	0.73	0.93
16110112	0.87	0.87	1.00	0.73	0.67	0.80	0.80	0.73	0.80	0.93
16110201	0.80	0.87	0.93	0.53	0.53	0.53	0.73	0.87	0.87	0.93
16110202	0.28	0.30	0.31	0.19	0.17	0.28	0.28	0.26	0.24	0.31
16110203	0.83	0.89	0.94	0.61	0.44	0.67	0.67	0.67	0.72	0.72
16110204	0.83	0.89	0.94	0.72	0.67	0.72	0.67	0.67	0.72	0.94
16110213	0.30	0.30	0.30	0.22	0.24	0.22	0.22	0.24	0.22	0.31
16110301	0.80	0.87	0.80	0.67	0.67	0.73	0.73	0.67	0.60	0.93
16110302	0.87	0.87	0.93	0.73	0.73	0.73	0.73	0.73	0.67	0.93
16110303	0.80	0.93	0.93	0.73	0.80	0.73	0.73	0.87	0.80	0.93
16110304	0.83	0.89	0.89	0.56	0.83	0.78	0.78	0.72	0.78	0.94
16110312	0.80	0.93	0.87	0.67	1.00	0.53	0.67	0.73	0.87	0.93
16110401	0.89	0.89	0.94	0.61	0.94	0.67	0.67	0.94	0.56	0.56
TOTAL PO ATTAINMENT	11.60	12.16	12.88	9.15	9.74	9.75	10.32	10.67	10.21	12.32
COUNT	16	16	16	16	16	16	16	16	16	16
AVERAGE ATTAINMENT	0.73	0.76	0.80	0.57	0.61	0.61	0.64	0.67	0.64	0.77





SWARNIM SCHOOL OF COMPUTING AND IT										
PROGRAM NAME:- MCA										
YEAR: - 1ST - 2ND/FINAL YEAR										
TARGET LEVEL FOR PO'S (ALL COURSES)										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
16110101	0.83	0.83	1.00	0.75	0.75	0.67	0.75	0.67	0.67	0.92
16110102	0.89	0.61	0.94	0.83	0.78	0.67	0.78	0.78	0.72	0.72
16110103	0.78	0.83	0.83	0.61	0.50	0.72	0.83	0.78	0.72	0.83
16110106	0.80	0.80	0.93	0.53	0.53	0.73	0.80	0.87	0.73	0.93
16110112	0.87	0.87	1.00	0.73	0.67	0.80	0.80	0.73	0.80	0.93
16110201	0.80	0.87	0.93	0.53	0.53	0.53	0.73	0.87	0.87	0.93
16110202	0.83	0.89	0.94	0.56	0.50	0.83	0.83	0.78	0.72	0.94
16110203	0.83	0.89	0.94	0.61	0.44	0.67	0.67	0.67	0.72	0.72
16110204	0.83	0.89	0.94	0.72	0.67	0.72	0.67	0.67	0.72	0.94
16110213	0.89	0.89	0.89	0.67	0.72	0.67	0.67	0.72	0.67	0.94
16110301	0.80	0.87	0.80	0.67	0.67	0.73	0.73	0.67	0.60	0.93
16110302	0.87	0.87	0.93	0.73	0.73	0.73	0.73	0.73	0.67	0.93
16110303	0.80	0.93	0.93	0.73	0.80	0.73	0.73	0.87	0.80	0.93
16110304	0.83	0.89	0.89	0.56	0.83	0.78	0.78	0.72	0.78	0.94
16110312	0.80	0.93	0.87	0.67	1.00	0.53	0.67	0.73	0.87	0.93
16110401	0.89	0.89	0.94	0.61	0.94	0.67	0.67	0.94	0.56	0.56
SUM OF PO	13.35	13.75	14.73	10.52	11.07	11.19	11.84	12.19	11.62	14.06
COUNT OF PO	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00
DIRECT TARGET (AVG)	0.83	0.86	0.92	0.66	0.69	0.70	0.74	0.76	0.73	0.88
ATTAINMENT OF PO DIRECT (Average value found)	0.73	0.76	0.80	0.57	0.61	0.61	0.64	0.67	0.64	0.77
80% OF DIRECT ATT	0.58	0.61	0.64	0.46	0.49	0.49	0.52	0.53	0.51	0.62
20% OF INDIRECT ATTAINMENT	0.48	0.47	0.55	0.56	0.58	0.54	0.50	0.51	0.54	0.57



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TOTAL	1.06	1.08	1.19	1.02	1.07	1.03	1.02	1.04	1.05	1.19
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SWARNIM INSTITUTE OF DESIGN

PROGRAM NAME: B.FD

YEAR: - FINAL YEAR

THIS DATA IS COMPILED FROM CRITERIA 1.1.1

CO PO MATRIX ALL COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	OVERALL CO AVG
33050701	1.8	1.8	2	2.2	2	2	2.2	2	2	2	2.0
33050702	1.8	1.8	2	2.2	2	2	2.2	2	2	2	2.0
33050703	1.8	1.8	2	2.2	2	2	2.2	2	2	2	2.0
33050704	1.8	1.8	2	2.2	2	2	2.2	2	2	2	2.0
33050705	1.8	1.8	2	2.2	2	2	2.2	2	2	2	2.0
33050706	1.8	1.8	2	2.2	2	2	2.2	2	2	2	2.0
33050801	1.8	1.8	2	2.2	2	2	2.2	2	2	2	2.0
AVERAGE	1.8	1.8	2.0	2.2	2.0	2.0	2.2	2.0	2.0	2.0	2.0



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SWARNIM INSTITUTE OF DESIGN
PROGRAM NAME: B.FAD
YEAR: - FINAL YEAR

TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-24

**FOR 7th to 8th SEM
TARGET LEVEL**

Target level	Range
1	60
2	61-70
3	>70

Course Name	Course Code	Marks		Level		50% Internal	50% External	Target
		IA	Final	T_IA	T_Final			
VII SEM (New syllabus)								
Industry Work Culture	33050701	60	60	1	1	0.5	0.5	1
Jeans Culture	33050702	60	60	1	1	0.5	0.5	1
Denim Wear	33050703	60	60	1	1	0.5	0.5	1
Advance Pattern Making	33050704	60	60	1	1	0.5	0.5	1
New-Age illustration (Digital)	33050705	60	60	1	1	0.5	0.5	1
Fashion Sustainability	33050706	60	60	1	1	0.5	0.5	1
VIII SEM (New syllabus)								
Graduation Project (Internship)	33050801	60	60	1	1	0.5	0.5	1



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SWARNIM INSTITUTE OF DESIGN
 PROGRAM NAME: B.FAD
 YEAR: - FINAL YEAR

Target level	Range
1	60
2	61-70
3	>70

Course	Course Code	Exam	No. of Students appeared	No. of Students scoring more than 12/32 marks (in internal & external	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
VII SEMESTER OF ACADEMIC YEAR 2023-24								
Industry Work Culture	33050801	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Jeans Culture	33050702	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Denim Wear	33050703	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Advance Pattern Making	33050704	INT	1	0	0.00	3	0.6	3
		EXT	0	0	#DIV/0!	3	2.4	
New-Age illustration (Digital)	33050705	INT	1	0	0.00	3	0.6	3
		EXT	0	0	#DIV/0!	3	2.4	
Fashion Sustainability	33050706	INT	11	1	9.09	3	0.6	3
		EXT	0	0	#DIV/0!	3	2.4	
VIII SEMESTER OF ACADEMIC YEAR 2023-24								
 Graduation Project (Internship)	33050801	INT	1	1	100.00	0	0	2.4
		EXT	0	0	#DIV/0!	3	2.4	



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SWARNIM INSTITUTE OF DESIGN
PROGRAM NAME: B.FAD
YEAR: - FINAL YEAR

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
33050701	0.73333	0.73333	0.66667	0.66667	0.58667	0.53333	0.66667	0.53333	0.58667	0.58667
33050702	0.73333	0.73333	0.66667	0.66667	0.58667	0.53333	0.66667	0.53333	0.58667	0.58667
33050703	0.73333	0.73333	0.66667	0.66667	0.58667	0.53333	0.66667	0.53333	0.58667	0.58667
33050704	0.73333	0.73333	0.66667	0.66667	0.58667	0.53333	0.66667	0.53333	0.58667	0.58667
33050705	0.73333	0.73333	0.66667	0.66667	0.58667	0.53333	0.66667	0.53333	0.58667	0.58667
33050706	0.73333	0.73333	0.66667	0.66667	0.58667	0.53333	0.66667	0.53333	0.58667	0.58667
33050801	0.73333	0.73333	0.66667	0.66667	0.58667	0.53333	0.66667	0.53333	0.58667	0.58667
TOTAL PO ATTAINMENT	5.13	5.13	4.67	4.67	4.11	3.73	4.67	3.73	4.11	0.58667
COUNT	7	7	7	7	7	7	7	7	7	7
AVERAGE ATTAINMENT	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59



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SWARNIM INSTITUTE OF DESIGN
PROGRAM NAME: B.FAD
YEAR: - FINAL YEAR

SUBJECT	PO 1	PO 2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
33050701	0.60	0.67	0.733 333	0.6666 67	0.66 6667	0.733 333	0.6666 67	0.666 667	0.6666 67	0.666667
33050702	0.60	0.60	0.666 667	0.7333 33	0.66 6667	0.666 667	0.7333 33	0.666 667	0.6666 67	0.666667
33050703	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33050704	0.60	0.67	0.733 333	0.6666 67	0.66 6667	0.733 333	0.6666 67	0.666 667	0.6666 67	0.666667
33050705	0.60	0.67	0.733 333	0.6666 67	0.66 6667	0.733 333	0.6666 67	0.666 667	0.6666 67	0.666667
33050706	0.60	0.67	0.733 333	0.6666 67	0.66 6667	0.733 333	0.6666 67	0.666 667	0.6666 67	0.666667
33050801	0.60	0.67	0.733 33333	0.6666 667	0.66 6666 7	0.733 3333	0.6666 667	0.666 6667	0.6666 667	0.666666 7
SUM OF PO	4.20	4.60	5.07	4.73	4.67	5.07	4.73	4.67	4.67	4.67
COUNT OF PO	7	7	7	7	7	7	7	7	7	7
DIRECT TARGET (AVG)	0.6	0.65 714 3	0.723 81	0.6761 9	0.66 6667	0.723 81	0.6761 9	0.666 667	0.6666 67	0.666667
ATTAINMENT OF PO DIRECT (Average value found)	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.52
80% OF DIRECT ATT	0.59	0.59	0.53	0.53	0.47	0.43	0.53	0.43	0.47	0.42
20% OF INDIRECT ATTAINMENT	0.6	0.6	0.6	0.6	0.4	0.6	0.6	0.6	0.6	0.6
TOTAL	1.19	1.19	1.13	1.13	0.87	1.03	1.13	1.03	1.07	1.02





SWARNIM INSTITUTE OF DESIGN
PROGRAM NAME: B.ID YEAR 2023-2024
THIS DATA IS COMPILED FROM CRITERIA 1.1.1
CO PO MATRIX OF ALL COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
33000001	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030101	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030102	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030103	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33000002	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030201	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030202	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030203	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030204	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030205	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030301	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030302	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030303	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030304	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030305	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030306	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030401	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030402	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030403	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030404	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030405	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030406	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030702	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030703	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030704	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33030701	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
33030801	0.60	0.67	0.73	0.67	0.66	0.73	0.67	0.67	0.67	0.67
SUM OF PO	16.20	17.46	19.19	18.60	17.88	19.19	18.60	17.99	18.00	18.00
COUNT OF PO	27	27	27	27	27	27	27	27	27	27
DIRECT TARGET (AVG)	0.6	0.64	0.71	0.68	0.66	0.71	0.68	0.66	0.66	0.66





SWARNIM INSTITUTE OF DESIGN

PROGRAM NAME: B.ID

YEAR: - 2023-24

FOR 1st to 8TH SEM

TARGET LEVEL

Target level	Range
1	60
2	61-70
3	>70

Course Name	Course Code	Marks		Level		20% Internal	80% External	Target
		IA	Final	T_IA	T_Final			
I SEM								
Foundation Studio	33000001	12	32	1	1	0.2	0.8	1
Interior Material and Construction - I	33030101	12	32	1	1	0.2	0.8	1
Technical Representation of Drawings - I	33030102	12	32	1	1	0.2	0.8	1
Humanities	33030103	12	32	1	1	0.2	0.8	1
Design Communication	33000002	8	14	1	1	0.2	0.8	1





II SEM								
Design Studio - I	33030201			1				
Interior Material & Construction - II	33030202	12	32	1	1	0.2	0.8	1
Technical Representation of Drawings - II	33030203	12	32	1	1	0.2	0.8	1
Basics of Design	33030204	12	32	1	1	0.2	0.8	1
History of Interior & Furniture Design - I	33030205	8	14	1	1	0.6	0.8	1.4
III SEM								
Design Studio - II	33030301	12		1				
Interior Material & Construction - III	33030302	12	32	1	1	0.2	0.8	1
Interior Services - I	33030303	12	32	1	1	0.2	0.8	1
Structure - I	33030304	12	32	1	1	0.2	0.8	1
Lighting Design	33030305	12	32	1	1	0.6	0.8	1.4
History of Interior & Furniture Design - II	33030306	12	32	1	1	0.6	0.8	1.4





IV SEM								
Design Studio - III	33030401	12		1				
Interior Material & Construction - IV	33030402	12	32	1	1	0.2	0.8	1
Interior Services - II	33030403	12	32	1	1	0.2	0.8	1
Furniture Design - I	33030404	12	32	1	1	0.2	0.8	1
History of Interior & Furniture Design - III	33030405	12	32	1	1	0.2	0.8	1
Computer Application - I	33030406	12	32	1	1	0.2	0.8	1

VII SEM (New syllabus)								
Research Methodologies	33030702	12	32	1	1	0.2	0.8	1
Interiors in Contemporary Practices	33030703	12	32	1	1	0.2	0.8	1
Elective - II	33030704	12	32	1	1	0.2	0.8	1
Final Project	33030701	12	32	1	1	0.2	0.8	1

VIII SEM (New syllabus)								
Internship/Office training	33030801	12	32	1	1	0.2	0.8	1





SWARNIM INSTITUTE OF DESIGN

PROGRAM NAME: B.ID

YEAR: - 2023-2024

3.3.3 ATTAINMENT LEVELS FOR POS THROUGH COURSES 2023-2024

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
33000001	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030101	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030102	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030103	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33000002	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030201	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030202	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030203	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030204	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030205	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030301	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030302	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030303	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030304	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030305	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030306	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030401	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030402	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030403	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030404	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030405	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030406	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030702	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030703	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030704	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030701	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
33030801	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59
TOTAL PO ATTAINMENT COUNT	19.80	19.80	18.00	18.00	15.84	14.40	18.00	14.40	15.84	15.84
AVERAGE ATTAINMENT	0.73	0.73	0.67	0.67	0.59	0.53	0.67	0.53	0.59	0.59





SWARNIM INSTITUTE OF DESIGN

PROGRAM NAME: B.ID

YEAR: - 2023-2024

Target level	Range
1	60
2	61-70
3	>70

Course	Course Code	Exam	No. of Students appeared	No. of Students scoring more than 12/32 marks (in internal & external	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
I SEMESTER OF ACEDMIC YEAR 2023-24								
Foundation Studio	33000001	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Interior Material and Construction - I	33030101	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Technical Representation of Drawings - I	33030102	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Humanities	33030103	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Design Communication	33000002	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
II SEMESTER OF ACADEMIC YEAR 2023-24								
Design Studio - I	33030201	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	





Interior Material & Construction - II	33030202	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Technical Representation of Drawings - II	33030203	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Basics of Design	33030204	INT	1	0	0.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
History of Interior & Furniture Design - I	33030205	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
III SEMESTER OF ACADEMIC YEAR 2023-24								
Design Studio - II	33030301	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Interior Material & Construction - III	33030302	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Interior Services - I	33030303	INT	1	0	0.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Structure - I	33030304	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Lighting Design	33030305	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
History of Interior & Furniture Design - II	33030306	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	





IV SEMESTER ACADEMIC YEAR 2023-2024								
Design Studio - III	33030401	INT	1	0	0.00	0	0	2.4
		EXT	1	1	100.00	3	2.4	
Interior Material & Construction - IV	33030402	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Interior Services - II	33030403	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Furniture Design - I	33030404	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
History of Interior & Furniture Design - III	33030405	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Computer Application - I	33030406	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
VII SEMESTER OF ACADEMIC YEAR 2023-24								
Research Methodologies	33030702	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Interiors in Contemporary Practices	33030703	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
Elective - II	33030704	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Final Project	33030701	INT	1	1	100.00	3	0.6	3
		EXT	1	0	0.00	3	2.4	
VIII SEMESTER OF ACADEMIC YEAR 2023-24								
Internship/Office training	33030801	INT	1	0	0.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	





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ATTAINMENT OF PO DIRECT (Average value found)	0.50	0.54	0.59	0.57	0.55	0.59	0.57	0.55	0.55	0.55
80% OF DIRECT ATT	0.40	0.43	0.47	0.46	0.44	0.47	0.46	0.44	0.44	0.44
20% OF INDIRECT ATTAINMENT	0.55	0.53	0.52	0.53	0.53	0.52	0.53	0.53	0.55	0.53
TOTAL	0.95	0.96	1.00	0.99	0.97	1.00	0.99	0.98	0.99	0.97



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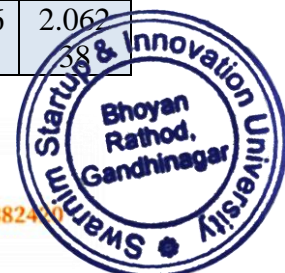
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THIS DATA IS COMPILED FROM 1.1.1

SWARNIM INSTITUTE OF DESIGN											
COURSE NAME-BACHELOR OF ARCHITECTURE											
CO-PO MATRIX OF ALL COURSES 23-24											
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	P10	OVER ALL CO AVG
33000001	2.33333	1.66667	2.16667	1.83333	2	1.83333	2	2.33333	2.33333	2.33333	2.0
33010101	2.33333	1.66667	2.16667	1.83333	2	1.83333	2	2.33333	2.33333	2.33333	2.02083
33010102	2.16667	2	2	2.16667	2	2.16667	2	2.16667	2.16667	2.16667	2.08333
33010103	2.16667	2	2	2.16667	2	2.16667	2	2.16667	2.16667	2.16667	2.08333
33000002	2.0	2.2	2.2	2.2	2.0	2.0	2.3	2.2	2.2	2.2	2.1
33010201	2.2	1.8	1.8	2.2	2.3	1.5	2.7	1.8	1.8	1.8	2.0
33010202	2.16667	1.83333	1.83333	2.16667	2.16667	1.5	2.66667	1.83333	1.83333	1.83333	2.02083
33010203	2.2	1.8	1.8	2.2	2.3	1.7	2.7	1.8	1.8	1.8	2.1
33010204	2.13889	1.94444	1.94444	2.16667	2.13889	1.83333	2.38889	2	2	2	2.06944
33010205	2.13426	1.93519	1.93519	2.16667	2.16204	1.77778	2.4537	1.97222	1.97222	1.97222	2.06713
33010206	2.12886	1.92438	1.92438	2.16667	2.18904	1.71296	2.52932	1.93981	1.93981	1.93981	2.06443
33010301	2.15033	1.884	1.884	2.16667	2.22055	1.66512	2.56199	1.90201	1.90201	1.90201	2.05433
33010302	2.14761	1.89245	1.89245	2.16667	2.20175	1.69264	2.54454	1.91345	1.91345	1.91345	2.05645
33010303	2.14444	1.9023	1.9023	2.16667	2.2076	1.72475	2.52418	1.9268	1.9268	1.9268	2.0628





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303											
33010 304	2.140 73	1.913 79	1.913 79	2.166 67	2.186 65	1.734 43	2.500 44	1.942 38	1.942 38	1.942 38	2.062 36
33010 305	2.141 04	1.908 68	1.908 68	2.166 67	2.194 61	1.717 95	2.519 03	1.932 78	1.932 78	1.932 78	2.061 18
33010 306	2.142 17	1.904 27	1.904 27	2.166 67	2.200 03	1.707 98	2.529 92	1.926 21	1.926 21	1.926 21	2.060 19
33010 401	2.138 89	1.944 44	1.944 44	2.166 67	2.138 89	1.833 33	2.388 89	2 2	2 2	2 2	2.069 44
33010 402	2.142 48	1.910 99	1.910 99	2.166 67	2.188 25	1.735 18	2.501 17	1.940 27	1.940 27	1.940 27	2.062
33010 403	2.141 62	1.914 08	1.914 08	2.166 67	2.186	1.742 27	2.493 94	1.944 74	1.944 74	1.944 74	2.062 93
33010 404	2.141 16	1.916 04	1.916 04	2.166 67	2.182 41	1.745 19	2.488 9	1.947 73	1.947 73	1.947 73	2.063 02
33010 405	2.141 23	1.916 42	1.916 42	2.166 67	2.181 7	1.746 98	2.486 97	1.948 62	1.948 62	1.948 62	2.063 13
33010 406	2.166 67	2	1.833 33	2	1.833 33	2	2	1.666 67	1.833 33	1.833 33	1.937 5
33010 406	2.333 33	2.5	1.5	1.5	1.833 33	1.833 33	1.833 33	1.666 67	1.666 67	1.666 67	1.875
33010 501	2.3	2.5	1.5	1.5	1.8	1.8	1.8	1.7	1.7	1.7	1.9
33010 502	2.209 56	2.124 42	1.763 31	1.916 67	2.008 35	1.816 85	2.189 41	1.806 85	1.834 63	1.834 63	1.979 43
33010 503	2.333 33	2.333 33	1.5	1.833 33	1.833 33	1.833 33	1.833 33	1.666 67	1.666 67	1.666 67	1.895 83
33010 504	2	2.333 33	2	1.5	1.833 33	1.666 67	2	1.666 67	1.5	1.666 67	1.875
33010 505	2.333 33	2.5	1.5	1.5	1.833 33	1.833 33	2	1.666 67	1.5	1.666 67	1.895 83
33010 506	2.5	2.166 67	1.666 67	1.666 67	2	1.833 33	2	1.833 33	1.666 67	1.833 33	1.958 33
33010	2.333 33	2.5	1.5	1.5	1.833 33	1.833 33	1.833 33	1.666 67	1.666 67	1.666 67	1.875

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601											
33010 602	1.833 33	1.666 67	1.833 33	1.5	1.5	1.5	2	1.833 33	2	2	1.708 33
33010 603	2.333 33	2.333 33	1.5	1.833 33	1.833 33	1.833 33	1.833 33	1.666 67	1.666 67	1.666 67	1.895 83
33010 604	2.222 22	2.25	1.666 67	1.583 33	1.805 56	1.75	1.944 44	1.722 22	1.666 67	1.75	1.868 06
33010 605	2.259 26	2.236 11	1.611 11	1.597 22	1.800 93	1.763 89	1.935 19	1.731 48	1.694 44	1.763 89	1.866 9
33010 606	2.5	2.166 67	1.666 67	1.666 67	2	1.833 33	2	1.833 33	1.666 67	1.833 33	1.958 33
33010 701	2.246 91	2.192 13	1.629 63	1.613 43	1.795 52	1.752 31	1.924 38	1.742 28	1.726 85	1.780 09	1.862 08
33010 702	2	1.666 67	2.166 67	1.833 33	2	1.833 33	2.333 33	2	2	1.833 33	1.979 17
33010 703	1.833 33	1.833 33	1.666 67	1.833 33	1.833 33	1.666 67	2	1.666 67	1.666 67	1.5	1.791 67
33010 704	2	1.666 67	2	2	2	1.833 33	2.333 33	2	2	1.833 33	1.979 17
33010 705	2	1.666 67	2	2	2	1.833 33	2.333 33	1.833 33	2	1.833 33	1.958 33
33010 801	2	1.666 67	2	2	2	1.833 33	2.333 33	1.833 33	2	1.833 33	1.958 33
AVER AGE	2.2	2.0	1.8	1.9	2.0	1.8	2.2	1.9	1.9	1.9	2.0

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SWARNIM SCHOOL OF DESIGN								
COURSE NAME-BACHELOR OF ARCHITECTURE								
TARGET LEVEL AND MARKS FOR ALL SEMESTER BACHELOR OF ARCHITECTURE COURSE 23-24								
Target level	internal marks/external							
1	60							
2	61-70							
3	≥70							
Course Name	Course Code	Marks		Level		50% Internal	50% External	Target
		I A	Final	T_I A	T_Final			
I SEM								
Foundation Studio	33000001	60	60	1	1	0.5	0.5	1
Building Material & Construction - I	33010101	60	60	1	1	0.5	0.5	1
Technical Representation of Drawings - I	33010102	60	60	1	1	0.5	0.5	1
Humanities	33010103	60	60	1	1	0.5	0.5	1
Design Communication	33000002	60	60	1	1	0.5	0.5	1

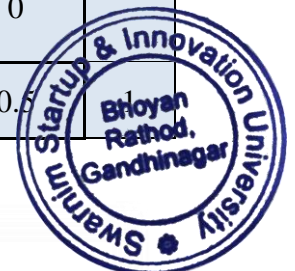




II SEM								
Architecture Design - I	33010201	60	60	1	1	0.5	0.5	1
Building Material & Construction - II	33010202	60	60	1	1	0.5	0.5	
Technical Representation of Drawings - II	33010203	60	60	1	1	0.5	0.5	1
Structure - I	33010204	60	60	1	1	0.5	0.5	1
Basics Of Design	33010205	60	60	1	1	0.5	0.5	1
History of Architecture - I	33010206	60	60	1	1	0.5	0.5	1

III SEM								
Architecture Design - II	33010301	60	60	1	1	0.5	0.5	1
Building Material & Construction - III	33010302	60	60	1		0.5	0	
Structure - II	33010303	60	60	1	1	0.5	0.5	1
Environment Science & Services - I	33010304	60	60	1	1	0.5	0.5	1
History of Architecture - II	33010305	60	60	1	1	0.5	0.5	1
Computer Applications - I	33010306	60	60	1	1	0.5	0.5	1

IV SEM								
Architecture Design - III	33010401	60	60	1	1	0.5	0.5	1
Building Material & Construction - IV	33010402	60	60	1		0.5	0	
Structure - III	33010403	60	60	1	1	0.5	0.5	1





Environment Science & Services - II	33010404	60	60	1	1	0.5	0.5	1
History of Architecture - III	33010405	60	60	1	1	0.5	0.5	1
Computer Applications - II	33010406	60	60	1	1	0.5	0.5	1

V SEM

Architecture Design - IV	33010501	60	60	1	1	0.5	0.5	1
Building Material & Construction - V	33010502	60	60	1	1	0.5	0.5	1
Structure - IV	33010503	60	60	1	1	0.5	0.5	1
Environment Science & Services - III	33010504	60	60	1	1	0.5	0.5	1
History of Architecture - IV	33010505	60	60	1	1	0.5	0.5	1
Computer Applications - III	33010506	60	60	1	1	0.5	0.5	1

VI SEM

Architecture Design - V	33010601	60	60	1	1	0.5	0.5	1
Building Material & Construction - VI	33010602	60	60	1	1	0.5	0.5	1
Structure - V	33010603	60	60	1	1	0.5	0.5	1
Environment Science & Services - IV	33010604	60	60	1	1	0.5	0.5	1
History of Architecture - V	33010605	60	60	1	1	0.5	0.5	1
Computer Applications - IV	33010606	60	60	1	1	0.5	0.5	1

VII SEM

Internship/Office Training	33010801	60	60	1	1	0.2	0.8	
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VIII SEM								
Architectural Design- VI	33010701	60	60	1	1	0.5	0.5	1
Theory of Architecture	33010702	60	60	1	1	0.5	0.5	1
Site Planning	33010703	60	60	1	1	0.5	0.5	1
Design Seminar-I	33010704	60	60	1	1	0.5	0.5	1
Construction Management	33010705	60	60	1	1	0.5	0.5	1



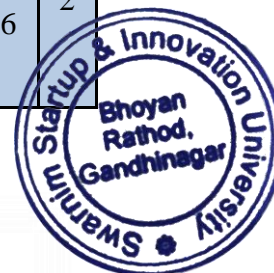
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SWARNIM SCHOOL OF DESIGN									
COURSE NAME-BACHELOR OF ARCHITECTURE									
Target Set:									
Level 1	60								
Level 2	61-70	COURSE OUTCOME ATTAINMENT FOR YEAR 23-24							
Level 3	≥71								
Course	Course Code	Exam	No. of Students appeared	No. of Students scoring more than 30/50 marks (in internal & external exam)	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment	
I SEMESTER OF ACEDMIC YEAR 2023-24									
Foundation Studio	33000001	INT	2	2	100.00	3	0.6	1	
		EXT	2	2	100.00	3	1		
Building Material & Construction - I	33010101	INT	2	2	100.00	2	0.4	2	
		EXT	2	2	100.00	2	1.6		
Technical Representation of Drawings - I	33010102	INT	2	2	100.00	2	0.4	2	
		EXT	2	2	100.00	2	1.6		





Humanities	33010103	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Design Communication	33000002	INT	2	2	100.00	2	2	3.6
		EXT	2	2	100.00	2	1.6	
II SEMESTER OF ACADEMIC YEAR 2023-24								
Architecture Design - I	33010201	INT	2	2	100.00	1	0.2	1
		EXT	2	2	100.00	1	1	
Building Material & Construction - II	33010202	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Technical Representation of Drawings - II	33010203	INT	2	2	100.00	2	0.4	2
		EXT	2	2	2.00	2	1.6	
Structure - I	33010204	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	





Basics Of Design	33010205	INT	2	2	100.00	2	2	3.6
		EXT	2	2	100.00	2	1.6	
History of Architecture - I	33010206	INT	2	2	100.00	2	1.6	
		EXT	2	2	100.00	2	2	
III SEMESTER OF ACADEMIC YEAR 2023-24								
Architecture Design - II	33010301	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Building Material & Construction - III	33010302	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Structure - II	33010303	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Environment Science & Services - I	33010304	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
History of Architecture - II	33010305		2	2		2		
			2	2		2		



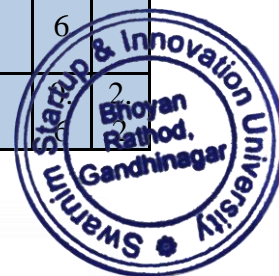


Computer Applications - I	33010306	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
IV SEMESTER OF ACADEMIC YEAR 2023-24								
Architecture Design - III	33010401	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Building Material & Construction - IV	33010402	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Structure - III	33010403	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Environment Science & Services - II	33010404	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
History of Architecture - III	33010405	INT	2	2		2		
		EXT	2	2		2		
Computer Applications - II	33010406	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	



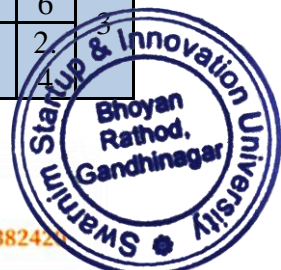


V SEMESTER OF ACADEMIC YEAR 2023-24								
Architecture Design - IV	33010501	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Building Material & Construction - V	33010502	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Structure - IV	33010503	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Environment Science & Services - III	33010504	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
History of Architecture - IV	33010505	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
Computer Applications - III	33010506	INT	2	2	100.00	2	0.4	2
		EXT	2	2	100.00	2	1.6	
VI SEMESTER OF ACADEMIC YEAR 2023-24								
Architecture Design - V	33010601	INT	1	1	100.00	3	0.6	2.2
		EXT	1	1	100.00	2	1.6	
Building	330106	INT	1	1	100.00	3	0.6	2.2





Material & Construction - VI	02	EXT	1	1	100.00	2	1.6	
Structure - V	33010603	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
Environment Science & Services - IV	33010604	INT	1	1	100.00	3	0.6	2.2
		EXT	1	1	100.00	2	1.6	
History of Architecture - V	33010605	INT	1	1	100.00	3	0.6	2.2
		EXT	1	1	100.00	2	1.6	
Computer Applications - IV	33010606	INT	1	1	100.00	3	0.6	3
		EXT	1	1	100.00	3	2.4	
VII SEMESTER OF ACADEMIC YEAR 2023-24								
Office training	33010801	INT	8	8	100.00	3	0.6	3
		EXT	8	8	100.00	3	2.4	
VIII SEMESTER OF ACADEMIC YEAR 2022-23								
Architectural Design- VI	33010701	INT	8	6	75.00	3	0.6	3
		EXT	8	6	75.00	3	2.4	





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Theory of Architecture	33010702	INT	8	5	62.50	3	0.6	2.2
		EXT	8	5	62.50	2	1.6	
Site Planning	33010703	INT	8	5	62.50	2	0.4	2.8
		EXT	8	5	62.50	3	2.4	
Design Seminar-I	33010704	INT	8	7	87.50	3	0.6	2.2
		EXT	8	7	87.50	2	1.6	
Construction Management	33010705	INT	8	8	100.00	3	0.6	3
		EXT	8	8	100.00	3	2.4	



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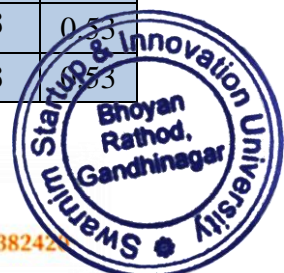
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	COURSE NAME BACHELOR OF ARCHITECTURE 23-24	
	SWARNIM SCHOOL OF DESIGN	
	FINAL DIRECT ATTAINMENT LEVELS FOR POS (ALL COURSES)	

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
33000001	0.52	0.58	0.64	0.58	0.58	0.64	0.58	0.58	0.58	0.58
33010101	0.32	0.32	0.36	0.39	0.36	0.36	0.39	0.36	0.36	0.36
33010102	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010103	0.32	0.36	0.39	0.36	0.36	0.39	0.36	0.36	0.36	0.36
33000002	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010201	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010202	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010203	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010204	0.56	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62
33010205	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010206	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010301	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010302	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010303	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010304	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010305	0.48	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53
33010306	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010401	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010402	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010403	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010404	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010405	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010406	0.48	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53





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33010406	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010501	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010502	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010503	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010504	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010505	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010506	0.60	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67
33010601	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010602	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010603	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010604	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010605	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010606	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010701	0.52	0.52	0.58	0.64	0.58	0.58	0.64	0.58	0.58	0.58
33010702	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010703	0.56	0.62	0.68	0.62	0.62	0.68	0.62	0.62	0.62	0.62
33010704	0.48	0.53	0.59	0.53	0.53	0.59	0.53	0.53	0.53	0.53
33010801										
TOTAL PO ATTAINMENT	21.08	23.09	25.44	23.75	23.42	25.44	23.75	23.42	23.42	23.42
COUNT	40	40	40	40	40	40	40	40	40	40
AVERAGE ATTAINMENT	0.53	0.58	0.64	0.59	0.59	0.64	0.59	0.59	0.59	0.59

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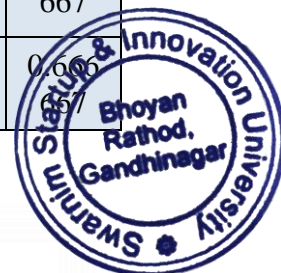
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SWARNIM SCHOOL OF DESIGN										
TARGET LEVEL FOR ALL POS										
BACHELOR OF ARCHITECTURE 23-24										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
33000001	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667
33010101	0.60	0.60	0.66667	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667
33010102	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010103	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667
33000002	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667
33010201	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667
33010202	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667
33010203	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667
33010204	0.60	0.60	0.66667	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667
33010205	0.60	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
33010206	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667
33010301	0.60	0.67	0.73333	0.66667	0.66667	0.73333	0.66667	0.66667	0.66667	0.66667





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3301030 2	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301030 3	0.6 0	0.67	0.7333 333	0.6666 667	0.6666 667	0.7333 333	0.6666 667	0.6666 667	0.6666 667	0.6666 667
3301030 4	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301030 5	0.6 0	0.60	0.666 667	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667
3301030 6	0.6 0	0.67	0.73 333	0.67 667	0.67 667	0.73 333	0.67 667	0.67 667	0.67 667	0.67 667
3301040 1	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301040 2	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301040 3	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301040 4	0.6 0	0.67	0.7333 333	0.6666 667	0.6666 667	0.7333 333	0.6666 667	0.6666 667	0.6666 667	0.6666 667
3301040 5	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301040 6	0.6 0	0.60	0.666 667	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667
3301040 6	0.6 0	0.67	0.73 333	0.67 667	0.67 667	0.73 333	0.67 667	0.67 667	0.67 667	0.67 667
3301050 1	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301050 2	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301050 3	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301050 4	0.6 0	0.67	0.7333 333	0.6666 667	0.6666 667	0.7333 333	0.6666 667	0.6666 667	0.6666 667	0.6666 667
3301050 5	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667

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3301050 6	0.6 0	0.60	0.666 667	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667
3301060 1	0.6 0	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
3301060 2	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301060 3	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301060 4	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301060 5	0.6 0	0.67	0.7333 333	0.6666 667	0.6666 667	0.7333 333	0.6666 667	0.6666 667	0.6666 667	0.6666 667
3301060 6	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301070 1	0.6 0	0.60	0.666 667	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667
3301070 2	0.6 0	0.67	0.73	0.67	0.67	0.73	0.67	0.67	0.67	0.67
3301070 3	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301070 4	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301070 5	0.6 0	0.67	0.733 333	0.666 667	0.666 667	0.733 333	0.666 667	0.666 667	0.666 667	0.666 667
3301080 1	0.6 0	0.67	0.7333 333	0.6666 667	0.6666 667	0.7333 333	0.6666 667	0.6666 667	0.6666 667	0.6666 667
SUM OF PO	24. 6	26.93 333	29.66 667	27.73 333	27.33 333	29.66 667	27.73 333	27.33 333	27.33 333	27.33 333
COUNT OF PO	41	41	41	41	41	41	41	41	41	41
DIRECT TARGET (AVG)	0.6	0.656 911	0.723 577	0.676 423	0.666 667	0.723 577	0.676 423	0.666 667	0.666 667	0.666 667

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ATTAINMENT OF PO DIRECT (Average value found)	0.53	0.58	0.64	0.59	0.59	0.64	0.59	0.59	0.59	0.59
80% OF DIRECT ATT	0.42	0.46	0.51	0.48	0.47	0.51	0.48	0.47	0.47	0.47
20% OF INDIRECT ATTAINMENT	0.55	0.53	0.52	0.53	0.53	0.52	0.53	0.53	0.55	0.53
TOTAL	0.97	0.99	1.03	1.00	1.00	1.03	1.02	1.00	1.02	1.00



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SWARNIM INSTITUTE OF DESIGN

PROGRAM NAME: MPLAN

YEAR: - 1ST - 2ND/FINAL YEAR TARGET MARKS AND LEVEL FOR ACADEMIC
YEAR 2023-2024

THIS DATA IS COMPILED FROM CRITERIA 1.1.1

CO-PO MATRIX OF ALL COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	OVERALL L CO AVG
34010101	2.3333	1.8333	2.6666	1.3333	2.1666	2.3333	1.3333	1.3333	1.1666	1.5	1.8
34010102	2.3333	1.8333	2.6666	1.3333	2.1666	2.3333	1.3333	1.3333	1.1666	1.5	1.8
34010103	2.5715	2.2857	2.7142	1.8571	2.1428	2.2857	1.4285	2.2851	1.4285	1.7142	2.1
34010104	2.412	1.9841	2.6825	1.5079	2.1587	2.3174	1.3650	1.6507	1.2539	1.5714	1.9
34010105	2.4126	1.9841	2.6825	1.5079	2.1587	-	-	-	-	-	2.1
34010106	2.4126	1.9841	2.6825	1.5079	2.1587	-	-	-	-	-	2.1
34010201	2.4285	2.0142	2.6857	1.5428	2.1571	-	-	-	-	-	2.2
34010202	2.4476	2.0504	2.6895	1.5847	2.1552	-	-	-	-	-	2.2
34010203	2.4228	2.0034	2.6845	1.5302	2.1577	-	-	-	-	-	2.2
34010204	2.4248	2.0072	2.6849	1.5347	2.1575	-	-	-	-	-	2.2
34010205	2.4273	2.0119	2.6854	1.5401	2.1572	-	-	-	-	-	2.2
34010206	2.4302	2.0174	2.6860	1.5465	2.1569	-	-	-	-	-	2.2
34010207	2.4305	2.0181	2.6861	1.5472	2.1569	-	-	-	-	-	2.2



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34010301	2.4271	2.0116	2.6854	1.5398	2.1572	-	-	-	-	-	2.2
34010302	2.4285	2.0142	2.6857	1.5428	2.1571	-	-	-	-	-	2.2
34010303	2.4287	2.0146	2.6857	1.5433	2.1571	-					2.2
34010304	2.4290	2.0152	2.6858	1.5439	2.1570	-				-	2.2
34010305	2.4288	2.0147	2.6857	1.5434	2.1571	-	-	-	-	-	2.2
34010306	2.4284	2.0141	2.6856	1.5426	2.1571	-	-	-	-	-	2.2
34010307	2.4287	2.0146	2.6857	1.543	2.1571	-	-	-	-		2.2
34010401	2.4287	2.0146	2.6857	1.5433	2.1571	-					2.2
34010402	2.4287	2.0147	2.6857	1.5433	2.1571	-					2.2
34010403	2.4287	2.0145	2.6857	1.5432	2.1571	-					2.2
AVERAGE	2.4	2.0	2.7	1.5	2.2	2.3	1.4	6.6	5.0	1.6	2.1



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PROGRAM NAME: MPLAN

**YEAR: - 1ST - 2ND/FINAL YEAR TARGET MARKS AND LEVEL FOR ACADEMIC
YEAR 2023-2024**

TARGET LEVEL	INTERNAL MARKS							
1	60							
2	61-70							
3	≥70							
I SEMESTER OF ACADEMIC YEAR 23-24								
Course Name	Course Code	Marks		Level		50%	50%	Target
		IA		T_IA	T_Final	Internal	External	
Planning History and Theory	34010101	60	60	5	5	0.5	0.5	1
Socioeconomic basis for Planning	34010102	60	60	5	5	0.5	0.5	1
Planning Techniques	34010103	60	60	5	5	0.5	0.5	1
Infrastructure & Transport Planning	34010104	60	60	5	5	0.5	0.5	1
Housing & Environment Planning	34010105	60	60	5	5	0.5	0.5	1
Studio	34010106	60	60	5	5	0.5	0.5	1



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II SEMESTER OF ACADEMIC YEAR 23-24								
City Metropolitan Planning	34010201	60	60	5	5	0.5	0.5	1
Infrastructure Planning	34010202	60	60	5	5	0.5	0.5	1
Urban Heritage Conservation	34010203	60	60	5	5	0.5	0.5	1
Advance Planning Techniques	34010204	60	60	5	5	0.5	0.5	1
Studio	34010205	60	60	5	5	0.5	0.5	1
III SEMESTER OF ACADEMIC YEAR 23-24								
Urban Development Management	34010301	60	60	9	9	0.5	0.5	1
Project Planning & Management	34010302	60	60	9	9	0.5	0.5	1
Urban Governance	34010303	60	60	9	9	0.5	0.5	1
Politics & Planning	34010304	60	60	9	9	0.5	0.5	1
Studio	34010305	60	60	9	9	0.5	0.5	1





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IV SEMESTER OF ACADEMIC YEAR 23-24

Development Finance	3401040 1	60	60	9	9	0.5	0.5	1
Legal Issues and Professional Practice	3401040 2	60	60	9	9	0.5	0.5	1
Thesis	3401040 3	60	60	9	9	0.5	0.5	1



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SWARNIM INSTITUTE OF DESIGN
PROGRAM NAME: MPLAN
YEAR: - 1ST - 2ND/FINAL YEAR
COURSE OUTCOME ATTAINMENT 2023-2024

TARGET SET		PERCENTAGE				
Level 1		60				
Level 2		61-70				
Level 3		≥70				
I SEMESTER OF ACADEMIC YEAR 23-24						
Course	Course Code		No. of Students appeared	No. of Students scoring more than 60% (in internal & external exam)	% students scoring defined marks	Attainment level
Planning History and Theory	34010101	INT	5	5	100.00	3
		EXT				
Socio-economic basis for Planning	34010102	INT	5	5	100	3
		EXT				
Planning Techniques	34010103	INT	5	5	100	3
		EXT				
Infrastructure & Transport Planning	34010104	INT	5	5	100	3
		EXT				





Housing & Environment Planning	34010105	INT	5	5	100	3
		EXT				
Studio	34010106	INT	5	5	100	3
		EXT				
II SEMESTER OF ACADEMIC YEAR 23-24						
City Metropolitan Planning	34010201	INT	5	5	100	3
		EXT				
Infrastructure Planning	34010202	INT	5	5	100	3
		EXT				
Urban Heritage Conservation	34010203	INT	5	3	100	3
		EXT				
Advance Planning Techniques	34010204	INT	5	3	100	3
		EXT				
Studio	34010205	INT	5	3	100	3
		EXT				





III SEMESTER OF ACADEMIC YEAR 23-24

Urban Development Management	34010301	INT	9	6	100	3
		EXT				
Project Planning & Management	34010302	INT	9	6	100	3
		EXT				
Urban Governance	34010303	INT	9	6	100	3
		EXT				
Politics & Planning	34010304	INT	9	6	100	3
		EXT				
Studio	34010305	INT	9	3	100	3
		EXT				

IV SEMESTER OF ACADEMIC YEAR 23-24

Development Finance	34010401	IV	INT	9	3	100	3
			EXT				
Legal Issues and Professional Practise	34010402	IV	INT	9	3	100	3
			EXT				
Thesis	34010403	IV	INT	9	3	100	3
			EXT				





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SWARNIM INSTITUTE OF DESIGN

PROGRAM NAME: MPLAN

YEAR: - 1ST - 2ND/FINAL YEAR

FINAL DIRECT ATTAINMENT LEVELS FOR PO'S (ALL COURSES)

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	CO ATTAINMENT
34010101	0.777	0.611	0.89	0.44	0.72	0.78	0.44	0.44	0.39	0.50	5.999
34010102	0.777	0.61	0.89	0.44	0.72	0.78	0.44	0.44	0.39	0.50	5.999
34010103	0.857	0.761	0.90	0.62	0.71	0.76	0.48	0.76	0.48	0.57	6.903
34010104	0.857	0.761	0.90	0.62	0.71	0.76	0.48	0.76	0.48	0.57	6.90
34010105	0.78	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.443
34010106	0.777	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.444
34010201	0.857	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
34010202	0.857	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
34010203	0.777	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.44
34010204	0.777	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.44
34010205	0.857	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
34010206	0.857	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
34010301	0.777	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.44
34010302	0.777	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.44
34010303	0.86	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
34010304	0.857	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
34010305	0.777	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.44
34010401	0.777	0.611	0.89	0.44	0.72	0.00	0.00	0.00	0.00	0.00	3.44
34010402	0.857	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
34010403	0.857	0.761	0.90	0.62	0.71	0.00	0.00	0.00	0.00	0.00	3.86
TOTAL PO ATTAINMENT	16.34	13.72	17.94	10.63	14.37	3.08	1.84	2.41	1.73	2.14	13.60
COUNT	20	20	20	20	20	4	4	4	4	4	110
AVERAGE ATTAINMENT	0.82	0.69	0.90	0.53	0.72	0.77	0.46	0.60	0.43	0.54	6.452380952



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PROGRAM NAME: MPLAN
YEAR: - 1ST - 2ND/FINAL YEAR
ATTAINMENT LEVEL FOR ALL POS (ALL COURSES)

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
34010101	0.78	0.61	0.89	0.44	0.72	0.78	0.44	0.44	0.39	0.50
34010102	0.78	0.61	0.89	0.44	0.72	0.78	0.44	0.44	0.39	0.50
34010103	0.86	0.76	0.90	0.62	0.71	0.76	0.48	0.76	0.48	0.57
34010104	0.86	0.7619	0.90	0.62	0.71	0.76	0.48	0.76	0.48	0.57
34010105	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-
34010106	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-
34010201	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
34010202	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
34010203	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-
34010204	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-
34010205	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
34010206	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
34010301	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-
34010302	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-
34010303	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
34010304	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
34010305	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-



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34010401	0.78	0.6111	0.89	0.44	0.72	-	-	-	-	-
34010402	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
34010403	0.86	0.7619	0.90	0.62	0.71	-	-	-	-	-
SUM OF PO	16.35	13.73	17.94	10.63	14.37	3.08	1.84	2.41	1.73	2.14
COUNT OF PO	20	20	20	20	20	4	4	4	4	4
DIRECT TARGET (AVG)	0.8174	0.6865	0.8968	0.5317	0.7182	0.7698	0.4603	0.6033	0.4325	0.5357
ATTAINMENT OF PO DIRECT (Average value found)	0.81	0.68	0.89	0.52	0.71	0.77	0.46	0.60	0.43	0.54
80% OF DIRECT ATT	0.65	0.54	0.71	0.42	0.57	0.62	0.37	0.48	0.35	0.43
20% OF INDIRECT ATTAINMENT	0.5467 1	0.5296	0.5237	0.5276	0.5298	0.5249	0.529	0.532	0.5465	0.5268
TOTAL	1.19	1.07	1.23	0.95	1.10	1.14	0.90	1.01	0.89	0.96



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SWARNIM SCIENCE COLLEGE

CORRELATION OF COS WITH POS FOR M.Sc. Environmental Sciences

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	CO AVG
256060101	2.5	1.7	2.3	2.3	2.8	1.2	1.2	1.5	2.2	2.5	2.0
256060102	1.5	1.7	2.3	2.2	2.2	1.3	1.0	1.7	2.0	2.5	1.8
256060103	2.0	2.2	2.3	2.5	2.7	2.0	1.0	1.2	2.0	2.3	2.0
256060104	2.2	1.8	2.3	2.0	2.2	2.0	1.0	1.0	1.8	2.2	1.9
256060105	2.7	2.0	2.5	2.7	1.3	2.8	2.0	2.0	2.0	1.2	2.1
256060201	2.3	2.3	2.5	2.5	2.0	2.0	1.3	1.3	2.2	2.8	2.1
256060202	2.2	2.2	2.2	2.2	2.2	2.0	1.2	1.2	2.0	3.0	2.0
256060203	2.2	2.0	2.5	2.0	2.3	2.2	1.3	1.2	2.0	2.8	2.1
256060204	2.2	2.0	2.2	2.3	2.0	2.0	1.2	1.5	2.0	2.5	2.0
256060205	2.8	2.2	3.0	2.7	1.3	3.0	2.0	2.0	2.0	1.3	2.2
256060301	2.0	2.2	2.3	2.2	2.2	2.0	1.8	1.5	2.0	3.0	2.1
256060302	2.2	2.2	2.2	2.2	2.2	2.0	1.2	1.2	2.0	2.8	2.0
256060303	2.2	2.0	2.0	2.5	2.2	1.0	2.0	3.0	2.0	3.0	2.2
256060304	2.2	2.0	2.3	2.5	2.0	1.8	2.3	2.3	2.0	3.0	2.3
256060305	2.2	2.0	2.3	2.5	2.0	1.8	2.3	2.3	2.0	3.0	2.3
256060401	2.2	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1
256060402	2.0	2.0	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1
256060403	3.0	2.7	2.5	2.3	2.3	2.3	2.2	1.8	2.2	2.3	2.4
256060404	3.0	2.7	2.5	2.3	2.3	2.0	2.2	2.2	2.7	2.3	2.4
AVERAGE	2.3	2.1	2.4	2.3	2.1	2.0	1.6	1.7	2.1	2.5	2.1

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TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-24							
FOR 1st to 4th SEM-THEORY				FOR PRACTICAL			
TARGET LEVEL	INT	TARGET LEVEL	EXT	-	-	TARGET LEVEL	EXT
1	≤12	1	28 to 32	-	-	1	≤80 to 110
2	13 to 14	2	33 to 41	-	-	2	110 to 120
3	≥15	3	4≥	-	-	3	≥120

I SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
256060101	256060101	12	28	1	1
256060102	256060102	12	28	1	1
256060103	256060103	12	28	1	1
256060104	256060104	12	28	1	1
256060105	256060105	-	40	-	1
II SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
256060201	256060201	12	28	1	1
256060202	256060202	12	28	1	1
256060203	256060203	12	28	1	1
256060204	256060204	12	28	1	1
256060205	256060205	-	40	-	1
III SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
256060301	256060301	12	28	1	1
256060302	256060302	12	28	1	1
256060303	256060303	12	28	1	1
256060304	256060304	12	28	1	1
256060305	256060305	-	40	-	1
IV SEM					
Course Name	Course Code	Marks		Level	





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		IA		T_IA	T_Final
256060401	256060401	12	28	1	1
256060402	256060402	12	28	1	1
256060403	256060403	-	40	1	1
256060404	256060404	-	40	1	1



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COURSE OUTCOME ATTAINMENT FOR AY 2023-24								
Level 1	50							
Level 2	65-74							
Level 3	≥75							
Course	Course Code	Exam	No. of Students appeared	No. of Students scoring more than 12/32 marks (in internal & external exam)	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
SEM I								
256060101	256060101	INT	3	3	100.00	3	0.6	3
		EXT	3	3	100.00	3	2.4	
256060102	256060102	INT	3	3	100.00	3	0.6	3
		EXT	3	3	100.00	3	2.4	
256060103	256060103	INT	3	3	100.00	3	0.6	3
		EXT	3	3	100.00	3	2.4	
256060104	256060104	INT	3	3	100.00	3	0.6	3
		EXT	3	3	100.00	3	2.4	
256060105	256060105	INT	-	-	-	-	-	3
		EXT	3	3	100.00	3	3	
SEM II								
256060201	256060201	INT	2	2	100.00	3	0.6	3
		EXT	2	2	100.00	3	2.4	
256060202	256060202	INT	2	2	100.00	3	0.6	3
		EXT	2	2	100.00	3	2.4	
256060203	256060203	INT	2	2	100.00	3	0.6	3
		EXT	2	2	100.00	3	2.4	





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256060204	256060204	INT	2	2	100.00	3	0.6	3
		EXT	2	2	100.00	3	2.4	
256060205	256060205	INT	-	-	-	-	-	3
		EXT	2	2	100.00	3	3	
SEM III								
256060301	256060301	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
256060302	256060302	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
256060303	256060303	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
256060304	256060304	0	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
256060305	256060305	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
SEM IV								
256060401	256060401	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
256060402	256060402	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
256060403	256060403	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
256060404	256060404	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	

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ATTAINMENT LEVELS FOR POS THROUGH COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256060101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060103	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060104	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060105	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060203	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060204	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060205	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060304	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060305	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256060404	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PO ATTAINMENT	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00
COUNT	0	0	0	0	0	0	0	0	0	0
AVG ATTAINMENT	1	1	1	1	1	1	1	1	1	1

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TARGET LEVEL FOR POS THROUGH COURSES										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256060101	0.83	0.56	0.78	0.78	0.94	0.39	0.39	0.50	0.72	0.83
256060102	0.50	0.56	0.78	0.72	0.72	0.44	0.33	0.56	0.67	0.83
256060103	0.67	0.72	0.78	0.83	0.89	0.67	0.33	0.39	0.67	0.78
256060104	0.72	0.61	0.78	0.67	0.72	0.67	0.33	0.33	0.61	0.72
256060105	0.89	0.67	0.83	0.89	0.44	0.94	0.67	0.67	0.67	0.39
256060201	0.78	0.78	0.83	0.83	0.67	0.67	0.44	0.44	0.72	0.94
256060202	0.72	0.72	0.72	0.72	0.72	0.67	0.39	0.39	0.67	1.00
256060203	0.78	0.72	0.83	0.78	0.72	0.72	0.67	0.67	0.67	0.33
256060204	0.72	0.67	0.72	0.78	0.67	0.67	0.39	0.50	0.67	0.83
256060205	0.94	0.72	1.00	0.89	0.44	1.00	0.67	0.67	0.67	0.44
256060301	0.67	0.72	0.78	0.72	0.72	0.67	0.61	0.50	0.67	1.00
256060302	0.72	0.72	0.72	0.72	0.72	0.67	0.39	0.39	0.67	0.94
256060303	0.72	0.67	0.67	0.83	0.72	0.33	0.67	1.00	0.67	1.00
256060304	0.72	0.67	0.67	0.83	0.72	0.33	0.67	1.00	0.67	1.00
256060305	0.72	0.67	0.78	0.83	0.67	0.61	0.78	0.78	0.67	1.00
256060401	0.72	0.67	0.78	0.67	0.67	0.67	0.67	0.67	0.67	0.67
256060402	0.67	0.67	1.00	0.67	0.67	0.67	0.67	0.67	0.67	0.67
256060403	1.00	0.89	0.83	0.78	0.78	0.78	0.72	0.61	0.72	0.78
256060404	1.00	0.89	0.83	0.78	0.78	0.67	0.72	0.72	0.89	0.78
SUM OF PO	14.50	13.28	15.11	14.72	13.39	12.22	10.50	11.44	13.00	14.94





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COUNT OF PO	19	19	19	19	19	19	19	19	19	19
DIRECT TARGET (AVG)	0.763	0.699	0.795	0.775	0.705	0.643	0.553	0.602	0.684	0.787
ATTAINMENT OF PO DIRECT (Average value found)	1	1	1	1	1	1	1	1	1	1
80% OF DIRECT ATT	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
20% OF INDIRECT ATTAINMENT	0.53	0.53	0.55	0.54	0.54	0.55	0.53	0.55	0.53	0.52
TOTAL	1.33	1.33	1.35	1.34	1.34	1.35	1.33	1.35	1.33	1.32



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SWARNIM SCIENCE COLLEGE

CORRELATION OF COS WITH POSFOR M.Sc. Microbiology

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	CO AVG
256020101	3.0	2.2	2.7	2.7	2.0	2.3	2.0	2.0	2.0	2.2	2.3
256020102	3.0	2.3	2.7	2.8	2.0	2.7	2.0	2.0	2.0	2.2	2.4
256020103	3.0	2.5	2.7	2.7	2.2	2.5	2.0	2.0	2.0	2.5	2.4
256020104	2.7	2.5	2.3	2.7	2.7	3.0	2.2	2.0	2.2	2.0	2.4
256020105	2.7	2.0	2.5	2.7	1.3	2.8	2.0	2.0	2.0	1.2	2.1
256020201	2.7	2.3	2.5	2.3	2.2	2.2	2.0	2.0	2.0	1.0	2.1
256020202	2.8	2.3	2.2	2.5	2.0	2.2	2.0	2.0	2.0	1.0	2.1
256020203	2.3	2.2	2.5	2.3	2.2	2.2	2.0	2.0	2.0	1.0	2.1
256020204	2.5	2.0	2.3	2.3	1.8	2.3	2.0	2.0	1.2	1.0	2.0
256020205	2.8	2.2	3.0	2.7	1.3	3.0	2.0	2.0	2.0	1.3	2.2
256020301	2.7	2.0	2.2	2.7	2.0	2.2	2.0	2.0	2.0	1.7	2.1
256020302	2.8	2.2	2.5	3.0	2.0	2.5	2.0	2.0	2.0	1.7	2.3
256020303	3.0	2.5	3.0	2.7	1.7	2.7	2.2	2.2	1.7	1.7	2.3
256020304	3.0	2.5	3.0	2.7	1.8	2.8	2.2	2.2	1.8	1.7	2.4
256020305	3.0	2.7	3.0	2.8	2.0	2.0	2.2	1.8	2.0	1.5	2.3
256020401	3.0	2.7	2.7	2.5	1.8	2.3	2.0	2.0	1.8	1.7	2.3
256020402	2.8	2.2	2.5	3.0	2.0	2.5	2.0	2.0	2.0	2.2	2.3
256020403	3.0	2.7	2.5	2.3	1.7	2.0	1.5	1.8	1.5	1.3	2.0
256020404	3.0	1.8	2.2	2.7	2.2	2.7	2.0	2.0	1.7	1.0	2.1
AVERAGE	2.8	2.3	2.6	2.6	1.9	2.5	2.0	2.0	1.9	1.6	2.2

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COURSE OUTCOME ATTAINMENT FOR AY 2023-24								
Level 1	50							
Level 2	65-74							
Level 3	≥75							
Course	Course Code	Exam	No. of Students appeared	No. of Students scoring more than 12/32 marks (in internal & external exam)	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
SEM I								
256030101	256030101	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
256030102	256030102	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
256030103	256030103	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
256030104	256030104	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
256030105	256030105	INT	-	-	-	-	-	3
		EXT	21	21	100.00	3	3	
SEM II								
256030301	256030301	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
256030302	256030302	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
256030303	256030303	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	





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256030304	256030304	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
256030305	256030305	INT	-	-	-	-	-	3
		EXT	21	21	100.00	3	3	
SEM III								
256030301	256030301	INT	20	20	100.00	3	0.6	3
		EXT	20	20	100.00	3	2.4	
256030302	256030302	INT	20	20	100.00	3	0.6	3
		EXT	20	20	100.00	3	2.4	
256030303	256030303	INT	20	20	100.00	3	0.6	3
		EXT	20	20	100.00	3	2.4	
256030304	256030304	0	20	20	100.00	3	0.6	3
		EXT	20	20	100.00	3	2.4	
256030305	256030305	INT	-	-	-	-	-	3
		EXT	20	20	100.00	3	3	
SEM IV								
256030401	256030401	INT	20	20	100.00	3	0.6	3
		EXT	20	20	100.00	3	2.4	
256030402	256030402	INT	20	20	100.00	3	0.6	3
		EXT	20	20	100.00	3	2.4	
256030403	256030403	INT	-	-	-	-	-	3
		EXT	20	20	100.00	3	3	
256030404	256030404	INT	-	-	-	-	-	3
		EXT	20	20	100.00	3	3	

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TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-24							
FOR 1st to 4th SEM-THEORY				FOR PRACTICAL			
TARGET LEVEL	INT	TARGET LEVEL	EXT	-	-	TARGET LEVEL	EXT
1	≤12	1	28 to 32	-	-	1	≤80 to 110
2	13 to 14	2	33 to 41	-	-	2	110 to 120
3	≥15	3	4≥	-	-	3	≥120

I SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256030101	256030101	12	28	1	1
256030102	256030102	12	28	1	1
256030103	256030103	12	28	1	1
256030104	256030104	12	28	1	1
256030105	256030105	-	40	-	1
II SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256030301	256030301	12	28	1	1
256030302	256030302	12	28	1	1
256030303	256030303	12	28	1	1
256030304	256030304	12	28	1	1
256030305	256030305	-	40	-	1
III SEM		Marks		Level	
Course Name	Course Code				
256030301	256030301	12	28	1	1
256030302	256030302	12	28	1	1
256030303	256030303	12	28	1	1
256030304	256030304	12	28	1	1
256030305	256030305	-	40	-	1
IV SEM		Marks		Level	
Course Name	Course Code				





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		IA		T_IA	T_Final
256030401	256030401	12	28	1	1
256030402	256030402	12	28	1	1
256030403	256030403	-	40	1	1
256030404	256030404	-	40	1	1



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ATTAINMENT LEVELS FOR POS THROUGH COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256030101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030103	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030104	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030105	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030203	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030204	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030205	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030304	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030305	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256030404	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PO ATTAINMENT	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00
COUNT	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00
AVG ATTAINMENT	1	1	1	1	1	1	1	1	1	1

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TARGET LEVEL FOR POS THROUGH COURSES										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256030101	1.00	0.72	0.89	0.89	0.67	0.78	0.67	0.67	0.67	0.72
256030102	1.00	0.78	0.89	0.94	0.67	0.89	0.67	0.67	0.67	0.72
256030103	1.00	0.83	0.89	0.89	0.72	0.83	0.67	0.67	0.67	0.83
256030104	0.89	0.83	0.78	0.89	0.89	1.00	0.72	0.67	0.72	0.67
256030105	0.89	0.67	0.83	0.89	0.44	0.94	0.67	0.67	0.67	0.39
256030301	0.89	0.78	0.83	0.78	0.72	0.72	0.67	0.67	0.67	0.33
256030302	0.94	0.78	0.72	0.83	0.67	0.72	0.67	0.67	0.67	0.33
256030303	0.78	0.72	0.83	0.78	0.72	0.72	0.67	0.67	0.67	0.33
256030304	0.83	0.67	0.78	0.72	0.61	0.78	0.67	0.67	0.39	0.33
256030305	0.94	0.72	1.00	0.89	0.44	1.00	0.67	0.67	0.67	0.44
256030301	0.89	0.67	0.72	0.89	0.67	0.72	0.67	0.67	0.67	0.56
256030302	0.94	0.72	0.83	1.00	0.67	0.83	0.67	0.67	0.67	0.56
256030303	1.00	0.83	1.00	0.89	0.56	0.89	0.72	0.72	0.56	0.56
256030304	1.00	0.83	1.00	0.89	0.61	0.94	0.72	0.72	0.61	0.56
256030305	1.00	0.89	1.00	0.94	0.67	0.67	0.72	0.61	0.67	0.50
256030401	1.00	0.89	0.89	0.83	0.61	0.78	0.67	0.67	0.61	0.56
256030402	0.94	0.72	0.83	1.00	0.67	0.83	0.67	0.67	0.67	0.72
256030403	1.00	0.89	0.83	0.78	0.56	0.67	0.50	0.61	0.50	0.44
256030404	1.00	0.61	0.72	0.89	0.72	0.89	0.67	0.67	0.56	0.33
SUM OF PO	17.9	14.5	16.2	16.6	12.2	15.6	12.7	12.6	11.9	9.89
	4	6	8	1	8	1	2	7	4	
COUNT OF PO	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.00
DIRECT TARGET (AVG)	0.94	0.77	0.86	0.87	0.65	0.82	0.67	0.67	0.63	0.52
ATTAINMENT OF PO DIRECT (Average value found)	1	1	1	1	1	1	1	1	1	1
80% OF DIRECT ATT	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
20% OF INDIRECT ATTAINMENT	0.533	0.526	0.545	0.535	0.544	0.55	0.527	0.548	0.534	0.519
TOTAL	1.33	1.33	1.35	1.34	1.34	1.35	1.33	1.35	1.33	1.32





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SWARNIM SCIENCE COLLEGE

CORRELATION OF COS WITH POS FOR M.Sc. Chemistry

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	CO AVG
256020101	2.8	2.3	2.3	2.7	1.5	1.5	3.0	2.2	3.0	2.5	2.4
256020102	3.0	2.8	3.0	3.0	2.2	2.7	2.8	3.0	3.0	3.0	2.9
256020103	2.5	2.3	2.0	4.3	1.3	3.5	1.8	3.3	2.3	1.7	2.5
256020104	2.5	2.2	16.0	0.5	1.7	1.8	1.8	1.7	2.8	1.7	3.3
256020105	3.0	3.0	2.5	2.3	1.5	1.7	1.3	2.7	2.5	1.5	2.2
256020201	1.8	2.2	1.8	2.0	2.0	1.8	1.7	1.7	1.5	2.3	1.9
256020202	1.8	2.3	1.8	2.0	2.0	1.8	2.3	1.7	2.0	1.8	2.0
256020203	2.0	2.2	2.0	1.8	2.3	2.2	1.5	1.7	1.8	2.0	2.0
256020204	1.8	2.2	1.8	2.0	2.0	2.2	1.7	1.7	1.8	2.0	1.9
256020205	2.0	2.5	2.0	1.8	2.2	1.8	2.2	1.7	2.0	1.8	2.0
256020301	2.0	1.7	2.2	1.7	1.3	2.0	1.8	2.0	2.0	2.2	1.9
256020302	2.2	1.8	1.5	2.5	2.0	1.8	1.8	2.5	2.2	1.2	2.0
256020303	2.2	1.3	2.2	1.8	1.7	1.8	1.8	2.3	1.8	1.8	1.9
256020304	2.0	1.8	1.5	2.5	2.0	1.8	1.5	2.2	1.8	1.5	1.9
256020305	2.0	2.3	1.8	2.0	2.0	2.0	1.8	1.7	2.0	1.8	2.0
256020401	2.2	2.2	2.5	2.0	2.5	2.2	2.3	2.2	2.2	1.8	2.2
256020402	1.7	2.2	2.2	1.8	2.3	1.5	1.8	2.0	1.7	2.0	1.9
256020403	2.7	2.2	2.7	2.0	2.5	2.0	1.8	2.5	2.3	1.8	2.3
256020404	2.8	2.3	3.0	2.3	2.8	2.7	2.0	1.8	2.0	1.8	2.4
256020405	3.0	2.3	2.0	1.8	1.2	2.0	1.0	3.0	2.0	2.3	2.1
AVERAGE	2.3	2.2	2.8	2.2	2.0	2.0	1.9	2.2	2.1	1.9	2.2

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COURSE OUTCOME ATTAINMENT FOR AY 2023-24

Level 1	50							
Level 2	65-74							
Level 3	≥75							
Course	Course Code	Exam	No. of Students appeared	No. of Students scoring more than 12/32 marks (in internal & external exam)	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
SEM I								
256020101	256020101	INT	17	17	100.00	3	0.6	3
		EXT	17	17	100.00	3	2.4	
256020102	256020102	INT	17	17	100.00	3	0.6	3
		EXT	17	17	100.00	3	2.4	
256020103	256020103	INT	17	17	100.00	3	0.6	3
		EXT	17	17	100.00	3	2.4	
256020104	256020104	INT	17	17	100.00	3	0.6	3
		EXT	17	17	100.00	3	2.4	
256020105	256020105	INT	-	-	-	-	-	3
		EXT	17	17	100.00	3	3	
SEM II								
256020201	256020201	INT	15	15	100.00	3	0.6	3
		EXT	15	15	100.00	3	2.4	
256020202	256020202	INT	15	15	100.00	3	0.6	3
		EXT	15	15	100.00	3	2.4	
256020203	256020203	INT	15	15	100.00	3	0.6	3
		EXT	15	15	100.00	3	2.4	





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256020204	256020204	INT	15	15	100.00	3	0.6	3
		EXT	15	15	100.00	3	2.4	
256020205	256020205	INT	-	-	-	-	-	3
		EXT	15	15	100.00	3	3	
SEM III								
256020301	256020301	INT	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020302	256020302	INT	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020303	256020303	INT	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020304	256020304	0	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020305	256020305	INT	-	-	-	-	-	3
		EXT	46	46	100.00	3	3	
SEM IV								
256020401	256020401	INT	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020402	256020402	INT	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020403	256020403	INT	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020404	256020404	INT	46	46	100.00	3	0.6	3
		EXT	46	46	100.00	3	2.4	
256020405	256020405	INT	-	-	-	-	-	3
		EXT	46	46	100.00	3	3	

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TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-24							
FOR 1st to 4th SEM-THEORY				FOR PRACTICAL			
TARGET LEVEL	INT	TARGET LEVEL	EXT	-	-	TARGET LEVEL	EXT
1	≤12	1	28 to 32	-	-	1	≤80 to 110
2	13 to 14	2	33 to 41	-	-	2	110 to 120
3	≥15	3	4≥	-	-	3	≥120

I SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256020101	256020101	12	28	1	1
256020102	256020102	12	28	1	1
256020103	256020103	12	28	1	1
256020104	256020104	12	28	1	1
256020105	256020105	-	80	-	1
II SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256020201	256020201	12	28	1	1
256020202	256020202	12	28	1	1
256020203	256020203	12	28	1	1
256020204	256020204	12	28	1	1
256020205	256020205	-	80	-	1
III SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256020301	256020301	12	28	1	1
256020302	256020302	12	28	1	1
256020303	256020303	12	28	1	1
256020304	256020304	12	28	1	1
256020305	256020305	-	80	-	1
IV SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256020401	256020401	12	28	1	1
256020402	256020402	12	28	1	1





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256020403	256020403	12	28	1	1
256020404	256020404	12	28	1	1
256020405	256020405	-	80	-	1



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ATTAINMENT LEVELS FOR POS THROUGH COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256020101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020103	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020104	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020105	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020203	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020204	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020205	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020304	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020305	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020404	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020405	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PO ATTAINMENT	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
COUNT	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
AVG ATTAINMENT	1	1	1	1	1	1	1	1	1	1

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TARGET LEVEL FOR POS THROUGH COURSES										
SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256020101	1.00	0.56	0.78	0.78	0.67	0.83	0.67	0.56	0.56	0.78
256020102	1.00	0.72	0.78	0.61	0.56	0.78	0.56	0.72	0.72	0.78
256020103	0.61	0.72	0.61	0.61	0.67	0.67	0.56	0.61	0.61	0.67
256020104	0.61	0.56	0.61	0.61	0.56	0.61	0.56	0.72	0.61	0.61
256020105	0.67	0.83	0.61	0.67	0.67	0.67	0.61	0.56	0.67	0.61
256020201	0.61	0.72	0.61	0.67	0.67	0.61	0.56	0.56	0.50	0.52
256020202	0.61	0.78	0.61	0.67	0.67	0.61	0.78	0.56	0.67	0.61
256020203	0.67	0.72	0.67	0.61	0.78	0.72	0.50	0.56	0.61	0.67
256020204	0.61	0.72	0.61	0.67	0.67	0.72	0.56	0.56	0.61	0.67
256020205	0.67	0.83	0.67	0.61	0.72	0.61	0.72	0.56	0.67	0.61
256020301	0.67	0.56	0.72	0.56	0.44	0.67	0.61	0.67	0.67	0.72
256020302	0.72	0.61	0.50	0.83	0.67	0.61	0.61	0.83	0.72	0.39
256020303	0.72	0.44	0.72	0.61	0.56	0.61	0.61	0.78	0.61	0.61
256020304	0.67	0.61	0.50	0.83	0.67	0.61	0.50	0.72	0.61	0.50
256020305	0.67	0.78	0.61	0.67	0.67	0.67	0.61	0.56	0.67	0.61
256020401	0.72	0.72	0.83	0.67	0.83	0.72	0.78	0.72	0.72	0.61
256020402	0.56	0.72	0.72	0.61	0.78	0.50	0.61	0.67	0.56	0.67
256020403	0.89	0.72	0.89	0.67	0.83	0.67	0.61	0.83	0.78	0.61
256020404	0.94	0.78	1.00	0.78	0.94	0.89	0.67	0.61	0.67	0.61
256020405	1.00	0.78	0.67	0.61	0.39	0.67	0.33	1.00	0.67	0.78
SUM OF PO	14.61	13.89	13.72	13.33	13.39	13.44	12.00	13.33	12.89	12.63
COUNT OF PO	20	20	20	20	20	20	20	20	20	20
DIRECT TARGET (AVG)	0.73	0.69	0.69	0.67	0.67	0.67	0.60	0.67	0.64	0.63
ATTAINMENT OF PO DIRECT (Average value found)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80% OF DIRECT ATT	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
20% OF INDIRECT ATTAINMENT	0.53	0.53	0.55	0.54	0.54	0.55	0.53	0.55	0.53	0.52
TOTAL	1.33	1.33	1.35	1.34	1.34	1.35	1.33	1.35	1.33	1.32





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CORRELATION OF COS WITH POS M.Sc. Biotechnology

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	CO AVG
256020101	3.0	2.2	2.5	2.7	2.0	2.3	2.0	2.0	2.0	2.2	2.3
256020102	3.0	2.3	2.7	2.8	2.0	2.7	2.0	2.0	2.0	2.2	2.4
256020103	3.0	2.5	2.7	2.7	2.2	2.5	2.0	2.0	2.0	2.5	2.4
256020104	2.7	2.5	2.3	2.7	2.5	3.0	2.2	2.0	2.2	2.0	2.4
256020105	2.7	2.0	2.5	2.7	1.3	2.8	2.0	2.0	2.0	1.2	2.1
256020201	2.5	2.3	2.5	2.3	2.2	2.2	2.0	2.0	2.0	1.0	2.1
256020202	2.8	2.3	2.2	2.5	2.0	2.2	2.0	2.0	2.0	1.0	2.1
256020203	2.3	2.2	2.5	2.3	2.2	2.2	2.0	2.0	2.0	1.0	2.1
256020204	2.5	2.0	2.3	2.2	1.8	2.3	2.0	2.0	1.2	1.0	1.9
256020205	2.8	2.2	3.0	2.7	1.3	3.0	2.0	2.0	2.0	1.3	2.2
256020301	2.8	2.0	2.2	2.7	2.0	2.2	2.0	2.0	2.0	1.7	2.2
256020302	3.0	2.2	2.5	3.0	2.0	2.5	2.0	2.0	2.0	1.7	2.3
256020303	2.8	2.2	2.7	3.0	2.0	2.8	2.0	2.0	2.0	2.0	2.4
256020304	2.5	2.0	2.2	2.5	2.0	2.0	2.3	2.0	2.0	2.0	2.2
256020305	2.3	2.0	2.2	2.5	2.0	2.0	2.3	2.0	2.0	5.5	2.5
256020401	2.7	2.2	2.2	2.0	2.2	2.0	2.0	2.0	2.0	2.2	2.1
256020402	2.7	2.3	2.5	2.3	2.3	2.2	2.0	2.0	2.0	1.0	2.1
256020403	2.3	1.8	2.2	2.7	1.2	2.7	2.0	2.0	1.7	1.0	2.0
256020404	3.0	1.8	2.2	2.7	2.2	2.7	2.0	2.0	1.7	1.0	2.1
AVERAGE	2.7	2.2	2.4	2.6	2.0	2.4	2.0	2.0	1.9	1.8	2.2

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TARGET MARKS AND LEVEL FOR ACADEMIC YEAR 2023-24							
FOR 1st to 4th SEM-THEORY				FOR PRACTICAL			
TARGET LEVEL	INT	TARGET LEVEL	EXT	-	-	TARGET LEVEL	EXT
1	≤12	1	28 to 32	-	-	1	≤80 to 110
2	13 to 14	2	33 to 41	-	-	2	110 to 120
3	≥15	3	4≥	-	-	3	≥120

I SEM		Marks		Level	
Course Name	Course Code	IA	EXT	T_IA	T_Final
256020101	256020101	12	28	1	1
256020102	256020102	12	28	1	1
256020103	256020103	12	28	1	1
256020104	256020104	12	28	1	1
256020105	256020105	-	80	-	1
II SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256020201	256020201	12	28	1	1
256020202	256020202	12	28	1	1
256020203	256020203	12	28	1	1
256020204	256020204	12	28	1	1
256020205	256020205	-	80	-	1
III SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
256020301	256020301	12	28	1	1
256020302	256020302	12	28	1	1
256020303	256020303	12	28	1	1
256020304	256020304	12	28	1	1
256020305	256020305	-	80	-	1
IV SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final





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256020401	256020401	12	28	1	1
256020402	256020402	12	28	1	1
256020403	256020403	-	80	1	1
256020404	256020404	-	80	1	1



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COURSE OUTCOME ATTAINMENT FOR AY 2023-24											
Level 1				50							
Level 2				65-74							
Level 3				≥75							
Course	Course Code	Exam	Students	Jan 12/22	Mar 22	Score	Grading	Def	Percentage	Grade	Outcome
SEM I											
256010101	256010101	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010102	256010102	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010103	256010103	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010104	256010104	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010105	256010105	INT	-	-	-	-	-				3
		EXT	10	10	100.00	3	3				
SEM II											
256010201	256010201	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010202	256010202	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010203	256010203	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010204	256010204	INT	10	10	100.00	3	0.6				3
		EXT	10	10	100.00	3	2.4				
256010205	256010205	INT	-	-	-	-	-				3
		EXT	10	10	100.00	3	3				
SEM III											
256010301	256010301	INT	4	4	100.00	3	0.6				3
		EXT	4	4	100.00	3	2.4				
256010302	256010302	INT	4	4	100.00	3	0.6				3
		EXT	4	4	100.00	3	2.4				
256010303	256010303	INT	4	4	100.00	3	0.6				3
		EXT	4	4	100.00	3	2.4				
256010304	256010304	0	4	4	100.00	3	0.6				3
		EXT	4	4	100.00	3	2.4				
256010305	256010305	INT	-	-	-	-	-				3
		EXT	4	4	100.00	3	3				
SEM IV											
256010401	256010401	INT	4	4	100.00	3	0.6				3
		EXT	4	4	100.00	3	2.4				





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256010402	256010402	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
256010403	256010403	INT	4	4	-	-	-	3
		EXT	4	4	100.00	3	3	
256010404	256010404	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	



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ATTAINMENT LEVELS FOR POS THROUGH COURSES

COURSES	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256020101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020103	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020104	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020105	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020203	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020204	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020205	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020304	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020305	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
256020404	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PO ATTAINMENT	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00
COUNT	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00	19.00
AVG ATTAINMENT	1	1	1	1	1	1	1	1	1	1

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TARGET LEVEL FOR POS THROUGH COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
256020101	1.00	0.72	0.83	0.89	0.67	0.78	0.67	0.67	0.67	0.72
256020102	1.00	0.78	0.89	0.94	0.67	0.89	0.67	0.67	0.67	0.72
256020103	1.00	0.83	0.89	0.89	0.72	0.83	0.67	0.67	0.67	0.83
256020104	0.89	0.83	0.78	0.89	0.83	1.00	0.72	0.67	0.72	0.67
256020105	0.89	0.67	0.83	0.89	0.44	0.94	0.67	0.67	0.67	0.39
256020201	1.00	0.67	0.95	0.89	0.39	0.79	0.62	0.67	0.62	0.49
256020202	0.94	0.78	0.72	0.83	0.67	0.72	0.67	0.67	0.67	0.33
256020203	0.78	0.72	0.83	0.78	0.72	0.72	0.67	0.67	0.67	0.33
256020204	0.83	0.67	0.78	0.72	0.61	0.78	0.67	0.67	0.39	0.33
256020205	0.94	0.72	1.00	0.89	0.44	1.00	0.67	0.67	0.67	0.44
256020301	0.94	0.67	0.72	0.89	0.67	0.72	0.67	0.67	0.67	0.56
256020302	1.00	0.72	0.83	1.00	0.67	0.83	0.67	0.67	0.67	0.56
256020303	0.94	0.72	0.89	1.00	0.67	0.94	0.67	0.67	0.67	0.67
256020304	0.83	0.67	0.72	0.83	0.67	0.67	0.78	0.67	0.67	0.67
256020305	0.78	0.67	0.72	0.83	0.67	0.67	0.78	0.67	0.67	1.83
256020401	0.89	0.72	0.72	0.67	0.72	0.67	0.67	0.67	0.67	0.72
256020402	0.89	0.78	0.83	0.78	0.78	0.72	0.67	0.67	0.67	0.33
256020403	0.78	0.61	0.72	0.89	0.39	0.89	0.67	0.67	0.56	0.33
256020404	1.00	0.61	0.72	0.89	0.72	0.89	0.67	0.67	0.56	0.33
SUM OF PO	17.3 3	13.5 6	15.4 0	16.3 9	12.1 1	15.4 5	12.8 9	12.6 7	12.1 7	11.26





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COUNT OF PO	19	19	19	19	19	19	19	19	19	19
DIRECT TARGET (AVG)	0.912	0.713	0.81	0.863	0.637	0.813	0.679	0.667	0.641	0.593
ATTAINMENT OF PO DIRECT (Average value found)	1	1	1	1	1	1	1	1	1	1
80% OF DIRECT ATT	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
20% OF INDIRECT ATTAINMENT	0.533	0.526	0.545	0.535	0.544	0.55	0.527	0.548	0.534	0.519
TOTAL	1.33	1.33	1.34	1.33	1.34	1.35	1.33	1.35	1.33	1.32



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CO-PO MATRIX FOR B.Sc. Biotechnology

COURSE CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10	OVERALL AVG.
253010101	2.8	2.3	2.3	2.7	1.5	1.5	3.0	2.2	3.0	2.5	2.4
253010102	3.0	2.8	3.0	3.0	2.2	2.7	2.8	3.0	3.0	3.0	2.9
253020101	2.5	2.3	2.0	4.3	1.3	3.5	1.8	3.3	2.3	1.7	2.5
253020102	2.5	2.2	16.0	0.5	1.7	1.8	1.8	1.7	2.8	1.7	3.3
253040101	3.0	3.0	2.5	2.3	1.5	1.7	1.3	2.7	2.5	1.5	2.2
253040102	2.5	2.5	2.8	2.2	1.7	1.3	2.0	3.0	1.3	1.8	2.1
253000102	1.3	2.2	1.7	2.2	1.5	1.2	2.0	2.0	1.3	1.7	1.7
253000101	1.7	1.5	1.7	1.5	1.3	1.2	1.5	1.7	1.3	1.5	1.5
12300009	1.7	1.7	1.8	1.5	1.7	1.2	1.5	1.8	1.5	1.7	1.6
253010201	3.0	2.2	3.0	3.0	2.8	3.0	3.0	2.2	3.0	3.0	2.8
253010202	3.0	3.0	2.8	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.6
253020201	2.0	2.3	1.8	2.0	2.0	2.0	1.8	1.7	2.0	1.8	2.0
253020202	2.2	2.3	2.2	2.3	1.7	2.2	1.8	1.8	2.2	1.8	2.1
253040201	2.5	2.7	2.0	2.3	1.8	1.0	1.0	2.2	3.0	1.0	2.0
253040202	2.7	2.2	2.7	2.0	1.0	1.0	1.0	3.0	2.0	1.0	1.9
253000201	1.8	1.7	1.8	1.5	1.7	1.2	1.7	1.8	1.3	1.7	1.6
253000202	1.8	1.7	1.8	1.7	1.7	1.2	1.5	2.0	1.5	1.7	1.7
12300010	1.8	1.7	1.8	1.5	1.7	1.3	1.5	1.8	1.7	2.0	1.7
253010301	3.0	2.8	2.0	3.0	1.0	2.0	2.0	2.0	3.0	2.0	2.3
253010302	3.0	3.0	2.0	3.0	2.0	2.8	3.0	2.8	3.0	2.0	2.7
253010303	3.0	2.5	2.3	3.0	1.3	2.2	2.0	3.0	2.3	1.5	2.3
253040301	2.8	2.7	2.3	2.2	1.5	1.5	1.0	3.0	2.2	1.5	2.1
253040302	2.8	2.7	2.3	2.2	1.5	1.5	1.0	3.0	2.2	1.5	2.1
253040303	3.0	2.5	2.2	2.3	1.5	1.8	1.0	3.0	2.5	2.0	2.2
253000302	1.7	1.7	1.8	1.5	1.7	1.2	1.5	1.8	1.5	1.7	1.6
12300011	1.5	1.7	1.8	1.5	1.7	1.2	1.5	2.0	1.5	1.7	1.6
253010401	3.0	2.5	2.2	2.8	1.3	2.2	2.0	2.7	2.0	1.7	2.2
253010402	3.0	2.5	2.2	2.7	1.5	2.2	2.0	2.8	2.3	1.7	2.3
253010403	3.0	2.5	2.5	3.0	2.0	2.2	2.0	3.0	2.0	2.2	2.4
253040401	3.0	2.7	2.0	2.3	1.5	1.7	1.0	3.0	2.2	2.0	2.1
253040402	3.0	2.3	2.0	1.8	1.2	2.0	1.0	3.0	2.0	2.3	2.1
253040403	3.0	2.2	2.0	2.5	1.8	1.3	1.2	3.0	2.0	2.3	2.1





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253000402	1.5	1.5	1.8	1.5	1.7	1.2	1.5	1.7	1.5	1.7	1.6
12300012	1.7	1.7	1.8	1.7	1.7	1.2	1.5	2.2	1.5	1.8	1.7
253010501	3.0	2.3	2.7	2.7	1.3	2.0	2.2	2.8	2.0	2.0	2.3
253010502	3.0	3.0	2.5	2.8	2.0	2.0	2.0	3.0	2.0	2.0	2.4
253010503	3.0	2.8	2.5	2.7	2.0	2.0	2.0	3.0	2.3	3.0	2.5
253010504	3.0	2.8	2.5	2.5	2.0	2.0	2.0	3.0	2.0	2.2	2.4
253010505	3.0	2.8	2.8	2.5	2.0	2.0	2.0	3.0	2.2	2.3	2.5
253000503	1.8	2.0	2.0	2.0	1.8	1.3	1.5	2.5	1.7	1.8	1.9
12300013	1.5	1.8	1.8	1.5	1.7	1.2	1.5	2.0	1.5	1.7	1.6
253010601	3.0	2.7	2.8	2.8	2.0	2.0	2.2	3.0	2.0	2.3	2.5
253010602	3.0	2.5	2.7	2.5	2.0	2.0	2.0	3.0	2.0	2.3	2.4
253010603	3.0	2.8	2.7	3.0	2.0	2.0	2.0	3.0	2.0	2.0	2.5
253010604	3.0	2.3	2.2	2.8	2.2	2.0	2.3	2.5	2.3	2.2	2.4
253010605	3.0	2.0	3.0	2.7	2.2	2.0	2.3	3.0	1.8	2.5	2.5
253000603	1.8	1.7	1.8	2.0	1.7	1.3	1.5	2.2	1.7	1.8	1.8
12300014	1.5	1.8	1.8	1.5	1.7	1.2	1.5	2.0	1.3	1.7	1.6
AVERAGE	2.5	2.3	2.5	2.3	1.7	1.7	1.8	2.5	2.1	1.9	2.1

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FOR 1st to 6TH SEM-THEORY				FOR PRACTICAL and IE			
TARGET LEVEL	INTERNAL MARKS	TARGET LEVEL	EXTERNAL MARKS	TARGET LEVEL	INTERNAL MARKS	TARGET LEVEL	EXTERNAL MARKS
1	≤12	1	28 to 32	1	≤20 to 25	1	≤20 to 25
2	13 to 14	2	33 to 41	2	26 to 29	2	26 to 29
3	≥15	3	42 >	3	≥30	3	≥30
I SEM							
Course Name		Course Code		Marks		Level	
				IA		T IA	T Final
Introduction to Biotechnology		253010101		12	28	1	1
Biotechnology Practicals		253010102		-	20	-	1
Basic Chemistry-1		253020101		12	28	1	1
Chemistry Practicals		253020102		-	20	-	1
Introduction to Microbial world		253040101		12	28	1	1
Microbiology Practicals		253040102		-	20	-	1
English-1		253000102		12	28	1	1
Environmental Science		253000101		12	28	-	1
Orientation Program in Start-up and Entrepreneurship		12300009		20	20	1	1
II SEM							
Course Name		Course Code		Marks		Level	
				IA		T IA	T Final
Origin & Evolution of life		253010201		12	28	1	1
Biotechnology Practicals		253010202		-	20	1	1
Basic Chemistry-2		253020201		12	28	1	1
Chemistry Practicals		253020202		-	20	1	1
Basic Bacteriology		253040201		12	28	1	1
Microbiology Practicals		253040202		-	20	1	1
English-2		253000202		12	28	1	1
Environmental Conservation and Hazard Management		253000201		12	28	1	1
Basic Program in Entrepreneurship		12300010		20	20	1	1
III SEM							
Course Name		Course Code		Marks		Level	
				IA		T IA	T Final
Cellular Biology		253010301		12	28	1	1
Molecular Biology-I		253010302		12	28	1	1
Biotechnology Practicals		253010303		-	40	1	1
Microbial Physiology		253040301		12	28	1	1
Soil & Water Microbiology		253040302		12	28	1	1





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Microbiology Practicals	253040303	-	40	1	1
Communication Skills - 1	253000302	12	28	1	1
Intellectual Property Rights	12300011	20	20	1	1
IV SEM					
Course Name	Course Code	Marks		Level	
		IA		T IA	T Final
Immunology-I	253010401	12	28	1	1
Bioinstrumentation	253010402	12	28	1	1
Biotechnology Practicals	253010403	-	40	1	1
Bacterial Diversity	253040401	12	28	1	1
Food & Dairy Microbiology	253040402	12	28	1	1
Microbiology Practicals	253040403	-	40	1	1
Communication Skills - 2	253000402	12	28	1	1
Intermediate Program in Entrepreneurship	12300012	20	20	1	1
V SEM					
Course Name	Course Code	Marks		Level	
		IA		T IA	T Final
Fermentation Technology-I	253010501	12	28	1	1
Molecular Techniques	253010502	12	28	1	1
Environmental Biotechnology	253010503	12	28	1	1
Genetic Engineering and Tissue culture	253010504	12	28	1	1
Biotechnology Practicals	253010505	-	80	1	1
Environmental Science	253000503	12	28	1	1
Advanced Program in Entrepreneurship	12300013	20	20	1	1
VI SEM					
Course Name	Course Code	Marks		Level	
		IA		T IA	T Final
Fermentation Technology-II	253010601	12	28	1	1
Enzymology	253010602	12	28	1	1
Molecular Biology-II	253010603	12	28	1	1
Biosafety, Bioethics & IPR	253010604	12	28	1	1
Biotechnology Practicals	253010605	-	80	1	1
Environmental Conservation and Hazard Management	253000603	12	28	1	1
Start-Up Project	12300014	20	20	1	1

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COURSE OUTCOME ATTAINMENT FOR 2023-24								
TARGET SET								
LEVEL 1				55-64				
LEVEL 2				65-74				
LEVEL 3				≥75				
Course	Course Code	Exam	No. of Students	No. of students scoring more than 12/32 marks (in internal & external)	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
SEM I								
Introduction to Biotechnology	253010101	INT	16	16	100.00	3	0.6	3
		EXT	16	16	100.00	3	2.4	
Biotechnology Practicals	253010102	INT	-	-	-	-	-	3
		EXT	16	16	100.00	3	3	
Basic Chemistry-1	253020101	INT	16	16	100.00	3	0.6	3
		EXT	16	16	100.00	3	2.4	
Chemistry Practicals	253020102	INT	-	-	-	-	-	3
		EXT	16	16	100.00	3	3	
Introduction to Microbial world	253040101	INT	16	16	100.00	3	0.6	2.2
		EXT	16	11	68.75	2	1.6	
Microbiology Practicals	253040102	INT	-	-	-	-	-	3
		EXT	16	16	100.00	3	3	
English-1	253000102	INT	16	16	100.00	3	0.6	3
		EXT	16	16	100.00	3	2.4	
Environmental	253000101	INT	16	16	100.00	3	0.6	3





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Science		EXT	16	16	100.00	3	2.4	
Orientation Program in Start-up and Entrepreneurship	12300009	INT	16	16	100.00	3	0.6	3
		EXT	16	16	100.00	3	2.4	
SEM II								
Origin & Evolution of life	253010201	INT	16	16	100.00	3	0.6	3
		EXT	14	14	100.00	3	2.4	
Biotechnology Practicals	253010202	INT	-	-	-	-	-	3
		EXT	16	16	100.00	3	3	
Basic Chemistry-2	253020201	INT	16	16	100.00	3	0.6	3
		EXT	15	15	100.00	3	2.4	
Chemistry Practicals	253020202	INT	-	-	-	-	-	3
		EXT	16	16	100.00	3	3	
Basic Bacteriology	253040201	INT	16	16	100.00	3	0.6	3
		EXT	14	13	92.86	3	2.4	
Microbiology Practicals	253040202	INT	-	-	-	-	-	3
		EXT	16	16	100.00	3	3	
English-2	253000202	INT	16	16	100.00	3	0.6	3
		EXT	16	15	93.75	3	2.4	
Environmental Conservation and Hazard Management(ECHM)	2530000201	INT	16	16	100.00	3	0.6	3
		EXT	16	16	100.00	3	2.4	
Basic Program in Entrepreneurship	12300010	INT	16	15	93.75	3	0.6	3
		EXT	15	14	93.33	3	2.4	
SEM III								
Cellular Biology	253010301	INT	12	12	100.00	3	0.6	3
		EXT	12	11	91.67	3	2.4	
Molecular Biology-I	253010302	INT	12	12	100.00	-	-	3
		EXT	12	11	91.67	3	3	
Biotechnology Practicals	253010303	INT	-	-	-	-	-	3
		EXT	12	12	100.00	3	3	



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Microbial Physiology	253040301	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
Soil & Water Microbiology	253040302	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
Microbiology Practicals	253040303	INT	-	-	-	-	-	3
		EXT	12	12	100.00	3	3	
Communication Skills - 1	253000302	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
Intellectual Property Rights	12300011	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
SEM IV								
Immunology-1	254010401	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
Bioinstrumentation	254010402	INT	12	12	-	-	-	3
		EXT	12	12	100.00	3	3	
Biotechnology Practicals	254010403	INT	-	-	-	-	-	3
		EXT	12	12	100.00	3	3	
Bacterial Diversity	253040401	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
Food & Dairy Microbiology	253040402	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
Microbiology Practicals	253040403	INT	-	-	-	-	-	3
		EXT	12	12	100.00	3	3	
Communication Skills - 2	253000402	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
Intermediate Program in Entrepreneurship	12300012	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
SEM V								
Fermentation	253010501	INT	4	4	100.00	3	0.6	3





Technology-I		EXT	4	4	100.00	3	2.4	
Molecular Techniques	253010502	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
Environmental Biotechnology	253010503	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
Genetic Engineering and Tissue culture	253010504	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
Biotechnology Practicals	253010505	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
Environmental Science	253000503	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
Advanced Program in Entrepreneurship	12300013	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
SEM VI								
253010501	253010601	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253010502	253010602	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253010503	253010603	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253010504	253010604	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253010505	253010605	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
Environmental Conservation and Hazard Management(ECHM)	253000603	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
Start-Up Project	12300014	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	





ATTAINMENT LEVELS FOR POS THROUGH COURSES

SUBJECT	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO10
253010101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040101	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
253040102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300009	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300010	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00





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12300011	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300012	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010501	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010502	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010503	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010504	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010505	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000503	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300013	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010601	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010602	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010603	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010604	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010605	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000603	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300014	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PO ATTAINMENT	47.7 3	47.7 3	47.7 3	47.7 3	47.7 3	47.7 3	47.7 3	47.7 3	47.7 3	47.73
COUNT	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.00
AVG ATTAINMENT	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99



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CORRELATION OF COS WITH POS OF B.Sc. Chemistry

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	CO AVG
253010101/253030101	2.8	2.3	2.3	2.7	1.5	1.5	3.0	2.2	3.0	2.5	2.4
253010102/253030102	3.0	2.8	3.0	3.0	2.2	2.7	2.8	3.0	3.0	3.0	2.9
253020101	2.5	2.3	2.0	2.7	1.3	1.8	1.8	1.7	2.3	1.7	2.0
253020102	2.5	2.2	16.0	2.3	1.7	1.8	1.8	1.7	2.8	1.7	3.5
253040101/253050101	3.0	2.5	2.5	2.2	1.5	2.2	1.2	2.2	1.5	1.3	2.0
253040102/253050102	3.0	2.7	2.8	2.8	2.0	2.0	1.0	3.0	1.8	1.3	2.3
253000102	1.3	2.2	1.7	2.2	1.5	1.2	2.0	2.0	1.3	1.7	1.7
253000101	1.7	1.5	1.7	1.5	1.3	1.2	1.5	1.7	1.3	1.5	1.5
12300009	1.7	1.7	1.8	1.5	1.7	1.2	1.5	1.8	1.5	1.7	1.6
253010201/253030201	3.0	2.2	3.0	3.0	2.8	3.0	3.0	2.2	3.0	3.0	2.8
253010202/25302020	3.0	3.0	2.8	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.6
253020201	2.0	2.3	1.8	2.0	2.0	2.0	1.8	1.7	2.0	1.8	2.0
253020202	2.2	2.3	2.2	2.3	1.7	2.2	1.8	1.8	2.2	1.8	2.1
253040201/253050201	2.5	2.7	2.0	2.3	1.8	1.0	1.0	2.2	3.0	1.0	2.0
253040202/253050202	2.7	2.2	2.7	2.0	1.0	1.0	1.0	3.0	2.0	1.0	1.9
253000201	1.8	1.7	1.8	1.5	1.7	1.2	1.7	1.8	1.3	1.7	1.6
253000202	1.8	1.7	1.8	1.7	1.7	1.2	1.5	2.0	1.5	1.7	1.7
12300010	1.8	1.7	1.8	1.5	1.7	1.3	1.5	1.8	1.7	2.0	1.7
253020301	2.0	2.3	1.8	1.8	1.7	2.2	1.8	1.7	2.2	1.8	1.9
253020302	2.2	1.7	2.2	1.8	1.7	1.8	1.7	2.2	1.8	1.8	1.9
253020303	2.0	2.3	1.8	2.0	2.0	2.0	1.8	1.7	2.0	1.8	2.0
253050301/253040301	3.0	2.8	2.0	3.0	1.0	2.0	2.0	2.0	3.0	2.0	2.3
253050302/253040302	3.0	3.0	2.0	3.0	2.0	2.8	3.0	2.8	3.0	2.0	2.7
253050303/253040303	3.0	2.5	2.3	3.0	1.3	2.2	2.0	3.0	2.3	1.5	2.3
253000302	1.7	1.7	1.8	1.5	1.7	1.2	1.5	1.8	1.5	1.7	1.6
12300011	1.5	1.7	1.8	1.5	1.7	1.2	1.5	2.0	1.5	1.7	1.6
253020401	1.8	2.2	1.8	1.8	2.0	2.0	1.7	1.7	1.8	2.0	1.9
253020402	3.0	2.5	2.2	2.7	1.5	2.2	2.0	2.8	2.3	1.7	2.3
253020403	3.0	2.5	2.5	3.0	2.0	2.2	2.0	3.0	2.0	2.2	2.4
253050401/253040401	3.0	2.7	2.0	2.3	1.5	1.7	1.0	3.0	2.2	2.0	2.1
253050402/253040402	3.0	2.3	2.0	1.8	1.2	2.0	1.0	3.0	2.0	2.3	2.1
253050403/253040403	3.0	2.3	2.0	1.8	1.2	2.0	1.0	3.0	2.0	2.3	2.1





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253000402	1.5	1.5	1.8	1.5	1.7	1.2	1.5	1.7	1.5	1.7	1.6
12300012	1.7	1.7	1.8	1.7	1.7	1.2	1.5	2.2	1.5	1.8	1.7
253020501	2.0	2.0	2.3	2.2	2.0	2.0	2.0	1.7	2.3	2.0	2.1
253020502	1.8	2.2	1.8	1.8	2.0	2.0	1.7	1.7	1.8	2.0	1.9
253020503	1.8	2.2	1.8	1.8	2.0	2.0	1.7	1.7	1.8	2.0	1.9
253020504	2.2	1.7	2.2	1.8	1.7	1.8	1.7	2.2	1.8	1.8	1.9
253020505	2.0	2.3	1.8	2.0	2.0	2.0	1.8	1.7	2.0	1.8	1.9
253000503	1.8	2.0	2.0	2.0	1.8	1.3	1.5	2.5	1.7	1.8	1.9
12300013	1.5	1.8	1.8	1.5	1.7	1.2	1.5	2.0	1.5	1.7	1.6
253020601	1.8	2.2	1.8	1.8	2.0	2.0	1.6	1.7	1.8	2.0	1.9
253020602	2.0	2.3	1.8	2.0	2.0	2.0	1.8	1.7	2.0	1.8	2.0
253020603	1.8	2.2	1.8	1.8	2.0	2.0	1.7	1.7	1.8	2.0	1.9
253020604	2.2	1.7	2.2	1.8	1.7	1.8	1.7	2.2	1.8	1.8	1.9
253020605	2.0	2.0	2.3	2.2	2.0	2.0	2.0	1.7	2.3	2.0	2.1
253000603	1.8	1.7	1.8	2.0	1.7	1.3	1.5	2.2	1.7	1.8	1.8
12300014	1.5	1.8	1.8	1.5	1.7	1.2	1.5	2.0	1.3	1.7	1.6
AVERAGE	2.2	2.2	2.4	2.1	1.7	1.8	1.7	2.1	2.0	1.9	2.0

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FOR 1st to 6TH SEM-THEORY				FOR PRACTICAL and IE			
TARGET LEVEL	INTERNAL MARKS	TARGET LEVEL	EXTERNAL MARKS	TARGET LEVEL	INTERNAL MARKS	TARGET LEVEL	EXTERNAL MARKS
1	≤12	1	28 to 32	1	≤20 to 25	1	≤20 to 25
2	13 to 14	2	33 to 41	2	26 to 29	2	26 to 29
3	≥15	3	42≥	3	≥30	3	≥30

I SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
Introduction to Biotechnology/	253010101	12	28	1	1
Biotechnology Practicals	253010102	-	20	-	1
Basic Chemistry-1	253020101	12	28	1	1
Chemistry Practicals	253020102	-	20	-	1
Introduction to Microbial world	253040101	12	28	1	1
Microbiology Practicals	253040102	-	20	-	1
English-1	253000102	12	28	1	1
Environmental Science	253000101	12	28	-	1
Orientation Program in Start-up and Entrepreneurship	12300009	20	20	1	1
II SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
Origin & Evolution of life	253010201	12	28	1	1
Biotechnology Practicals	253010202	-	20	1	1
Basic Chemistry-2	253020201	12	28	1	1
Chemistry Practicals	253020202	-	20	1	1
Basic Bacteriology	253040201	12	28	1	1
Microbiology Practicals	253040202	-	20	1	1
English-2	253000202	12	28	1	1
Environmental Conservation and Hazard Management	253000201	12	28	1	1
Basic Program in Entrepreneurship	12300010	20	20	1	1
III SEM		Marks		Level	
Course Name	Course Code	IA		T_IA	T_Final
Fundamentals of Organic Chemistry	253020301	12	28	1	1
Fundamentals of Analytical Chemistry	253020302	12	28	1	1
Chemistry Practicals	253020303	-	40	1	1





Physics-301/Microbial Physiology	253050301/253040301	12	28	1	1
Physics-302/Soil & Water Microbiology	253050302/253040302	12	28	1	1
Physics Practicals/Microbiology Practicals	253050303/253040303	-	40	1	1
Communication Skills - 1	253000302	12	28	1	1
Intellectual Property Rights	12300011	20	20	1	1
IV SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
Fundamentals of Inorganic Chemistry	253020401	12	28	1	1
Fundamentals of Physical Chemistry	253020402	12	28	1	1
Chemistry Practicals	253020403	-	40	1	1
Physics-401/Bacterial Diversity	253050401/253040401	12	28	1	1
Physics-402/Food & Dairy Microbiology	253050402/253040402	12	28	1	1
Physics Practicals/Microbiology Practicals	253050403/253040403	-	40	1	1
Communication Skills - 2	253000402	12	28	1	1
Intermediate Program in Entrepreneurship	12300012	20	20	1	1
V SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
Organic Chemistry - C- I	253020501	12	28	1	1
Inorganic Chemistry - C- I	253020502	12	28	1	1
Physical Chemistry - C- I	253020503	12	28	1	1
Analytical Chemistry - C- I	253020504	12	28	1	1
Chemistry Practicals	253020505	-	80	1	1
Environmental Sciences	253000503	12	28	1	1
Advanced Program in Entrepreneurship	12300013	20	20	1	1
VI SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
Organic Chemistry - C- II	253010601	12	28	1	1
Inorganic Chemistry - C- II	253010602	12	28	1	1
Physical Chemistry - C- II	253010603	12	28	1	1
Analytical Chemistry - C- II	253010604	12	28	1	1
Chemistry Practicals	253010605	-	80	1	1
Environmentatl Conservation and Hazard Management	253000603	12	28	1	1
Start-Up Project	12300014	20	20	1	1

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COURSE OUTCOME ATTAINMENT FOR AY 2023-24

Level 1	50
Level 2	65-74
Level 3	≥75

Course	Course Code	Exam	No. of Students appeared	No. of Students scoring more than 12/32 marks (in internal & external	% students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
SEM I								
253010101/253030101	253010101/253030101	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253010102/253030102	253010102/253030102	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
253020101	253020101	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253020102	253020102	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
253040101/253050101	253040101/253050101	INT	4	4	100.00	3	0.6	2.2
		EXT	4	4	100.00	3	1.6	
253040102/253050102	253040102/253050102	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
253000102	253000102	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253000101	253000101	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
12300009	12300009	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
SEM II								
253010201/253030201	253010201/253030201	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	





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253010202/253030202	253010202/253030202	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
253020201	253020201	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253020202	253020202	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
253040201/253050202	253040201/253050202	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
253040202/253050202	253040202/253050202	INT	-	-	-	-	-	3
		EXT	4	4	100.00	3	3	
253000202	253000202	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
2530000201	2530000201	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
12300010	12300010	INT	4	4	100.00	3	0.6	3
		EXT	4	4	100.00	3	2.4	
SEM III								
253020301	253020301	INT	14	12	85.71	3	0.6	3
		EXT	14	11	78.57	3	2.4	
253020302	253020302	INT	14	12	-	-	-	3
		EXT	14	11	78.57	3	3	
253020303	253020303	INT	-	-	-	-	-	3
		EXT	14	12	85.71	3	3	
253040301/253050301	253040301/253050301	INT	14	12	85.71	3	0.6	3
		EXT	14	12	85.71	3	2.4	
253040302/253050302	253040302/253050302	INT	14	12	85.71	3	0.6	3
		EXT	14	12	85.71	3	2.4	
253040303/253050303	253040303/253050303	INT	-	-	-	-	-	3
		EXT	14	12	85.71	3	3	
253000302	253000302	INT	14	12	85.71	3	0.6	3
		EXT	14	12	85.71	3	2.4	
12300011	12300011	INT	14	12	85.71	3	0.6	3
		EXT	14	12	85.71	3	2.4	



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254020401	254010401	INT	13	13	100.00	3	0.6	3
		EXT	13	13	100.00	3	2.4	
254020402	254010402	INT	13	13	-	-	-	3
		EXT	13	13	100.00	3	3	
254020403	254010403	INT	-	-	-	-	-	3
		EXT	13	13	100.00	3	3	
253040401/253050401	253040401	INT	13	13	100.00	3	0.6	3
		EXT	13	13	100.00	3	2.4	
253040402/253050402	253040402	INT	13	13	100.00	3	0.6	3
		EXT	13	13	100.00	3	2.4	
253040403/253050403	253040403	INT	-	-	-	-	-	3
		EXT	13	13	100.00	3	3	
253000402	253000402	INT	13	13	100.00	3	0.6	3
		EXT	13	13	100.00	3	2.4	
12300012	12300012	INT	13	13	100.00	3	0.6	3
		EXT	13	13	100.00	3	2.4	
SEM V								
253020501	253020501	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
253020502	253020502	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
253020503	253020503	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
253020504	253020504	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
253020505	253020505	INT	-	-	-	-	-	3
		EXT	11	11	100.00	3	3	
253000503	253000503	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
12300013	12300013	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
SEM VI								
253020601	253020601	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	



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253020602	253020602	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
253020603	253020603	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
253020604	253020604	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
253020605	253020605	INT	-	-	-	-	-	3
		EXT	11	11	100.00	3	3	
253000603	253000603	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	
12300014	12300014	INT	11	11	100.00	3	0.6	3
		EXT	11	11	100.00	3	2.4	



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SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
253010101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300009	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300010	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300011	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300012	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00



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253010501	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010502	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010503	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010504	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010505	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000503	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300013	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010601	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010602	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010603	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010604	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010605	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000603	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300014	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PO ATTAINMENT	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.00
COUNT	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.00
AVG ATTAINMENT	1	1	1	1	1	1	1	1	1	1

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TARGET LEVEL FOR POS THROUGH COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
253010101	0.94	0.78	0.78	0.89	0.50	0.50	1.00	0.72	1.00	0.83
253010102	1.00	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253020101	0.83	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253020102	0.83	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253040101	1.00	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253040102	0.83	0.50	0.56	0.50	0.44	0.39	0.50	0.56	0.44	0.50
253000102	0.44	0.50	0.56	0.50	0.44	0.39	0.50	0.56	0.44	0.50
253000101	0.56	0.50	0.56	0.50	0.44	0.39	0.50	0.56	0.44	0.50
12300009	0.56	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253010201	1.00	0.72	1.00	1.00	0.94	1.00	1.00	0.72	1.00	1.00
253010202	1.00	1.00	0.94	1.00	0.67	0.67	0.67	1.00	1.00	0.67
253020201	0.67	0.78	0.61	0.67	0.67	0.67	0.61	0.56	0.67	0.61
253020202	0.72	0.78	0.72	0.78	0.56	0.72	0.61	0.61	0.72	0.61
253040201	0.83	0.89	0.67	0.78	0.61	0.33	0.33	0.72	1.00	0.33
253040202	0.89	0.72	0.89	0.67	0.33	0.33	0.33	1.00	0.67	0.33
253000201	0.61	0.56	0.61	0.50	0.56	0.39	0.56	0.61	0.44	0.56
253000202	0.61	0.56	0.61	0.56	0.56	0.39	0.50	0.67	0.50	0.56
12300010	0.61	0.56	0.61	0.50	0.56	0.44	0.50	0.61	0.56	0.67
253010301	0.67	0.78	0.61	0.61	0.56	0.72	0.61	0.56	0.72	0.61
253010302	0.72	0.56	0.72	0.61	0.56	0.61	0.56	0.72	0.61	0.61
253010303	0.67	0.78	0.61	0.67	0.67	0.67	0.61	0.56	0.67	0.61
253040301	1.00	0.94	0.67	1.00	0.33	0.67	0.67	0.67	1.00	0.67
253040302	1.00	1.00	0.67	1.00	0.67	0.94	1.00	0.94	1.00	0.67
253040303	1.00	0.83	0.78	1.00	0.44	0.72	0.67	1.00	0.78	0.50
253000302	0.56	0.56	0.61	0.50	0.56	0.39	0.50	0.61	0.50	0.56
12300011	0.50	0.56	0.61	0.50	0.56	0.39	0.50	0.67	0.50	0.56
253010401	0.61	0.72	0.61	0.61	0.67	0.67	0.56	0.56	0.61	0.67
253010402	1.00	0.83	0.72	0.89	0.50	0.72	0.67	0.94	0.78	0.56
253010403	1.00	0.83	0.83	1.00	0.67	0.72	0.67	1.00	0.67	0.72
253040401	1.00	0.89	0.67	0.78	0.50	0.56	0.33	1.00	0.72	0.67
253040402	1.00	0.78	0.67	0.61	0.39	0.67	0.33	1.00	0.67	0.78
253040403	1.00	0.78	0.67	0.61	0.39	0.67	0.33	1.00	0.67	0.78
253000402	0.50	0.50	0.61	0.50	0.56	0.39	0.50	0.56	0.50	0.56





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12300012	0.56	0.56	0.61	0.56	0.56	0.39	0.50	0.72	0.50	0.61
253010501	0.67	0.67	0.78	0.72	0.67	0.67	0.67	0.56	0.78	0.67
253010502	0.61	0.72	0.61	0.61	0.67	0.67	0.56	0.56	0.61	0.67
253010503	0.61	0.72	0.61	0.61	0.67	0.67	0.56	0.56	0.61	0.67
253010504	0.72	0.56	0.72	0.61	0.56	0.61	0.56	0.72	0.61	0.61
253010505	0.67	0.78	0.61	0.67	0.67	0.67	0.60	0.56	0.67	0.61
253000503	0.61	0.67	0.67	0.67	0.61	0.44	0.50	0.83	0.56	0.61
12300013	0.50	0.61	0.61	0.50	0.56	0.39	0.50	0.67	0.50	0.56
253010601	0.61	0.72	0.61	0.61	0.67	0.67	0.53	0.56	0.61	0.67
253010602	0.67	0.78	0.61	0.67	0.67	0.67	0.61	0.56	0.67	0.61
253010603	0.61	0.72	0.61	0.61	0.67	0.67	0.56	0.56	0.61	0.67
253010604	0.72	0.56	0.72	0.61	0.56	0.61	0.56	0.72	0.61	0.61
253010605	0.67	0.67	0.78	0.72	0.67	0.67	0.67	0.56	0.78	0.67
253000603	0.61	0.56	0.61	0.67	0.56	0.44	0.50	0.72	0.56	0.61
12300014	0.50	0.61	0.61	0.50	0.56	0.39	0.50	0.67	0.44	0.56
SUM OF PO	35.50	35.06	33.11	32.94	27.06	27.50	26.69	34.61	32.56	29.06
COUNT OF PO	48	48	48	48	48	48	48	48	48	48
DIRECT TARGET (AVG)	0.74	0.73	0.69	0.686	0.564	0.573	0.556	0.721	0.678	0.605
ATTAINMENT OF PO DIRECT (Average value found)	1	1	1	1	1	1	1	1	1	1
80% OF DIRECT ATT	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
20% OF INDIRECT ATTAINMENT	0.54	0.516	0.554	0.554	0.545	0.537	0.527	0.535	0.526	0.521
TOTAL	1.34	1.32	1.35	1.35	1.34	1.34	1.33	1.34	1.33	1.32

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CORRELATION OF COS WITH POS OF B.Sc. Microbiology

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	CO AVG
253010101	2.8	2.3	2.3	2.7	1.5	1.5	3.0	2.2	3.0	2.5	2.4
253010102	3.0	2.8	3.0	3.0	2.2	2.7	2.8	3.0	3.0	3.0	2.9
253020101	2.5	2.3	2.0	4.3	1.3	3.5	1.8	3.3	2.3	1.7	2.5
253020102	2.5	2.2	16.0	0.5	1.7	1.8	1.8	1.7	2.8	1.7	3.3
253040101	3.0	3.0	2.5	2.3	1.5	1.7	1.3	2.7	2.5	1.5	2.2
253040102	2.5	2.5	2.8	2.2	1.7	1.3	2.0	3.0	1.3	1.8	2.1
253000102	1.3	2.2	1.7	2.2	1.5	1.2	2.0	2.0	1.3	1.7	1.7
253000101	1.7	1.5	1.7	1.5	1.3	1.2	1.5	1.7	1.3	1.5	1.5
12300009	1.7	1.7	1.8	1.5	1.7	1.2	1.5	1.8	1.5	1.7	1.6
253010201	3.0	2.2	3.0	3.0	2.8	3.0	3.0	2.2	3.0	3.0	2.8
253010202	3.0	3.0	2.8	3.0	2.0	2.0	2.0	3.0	3.0	2.0	2.6
253020201	2.0	2.3	1.8	2.0	2.0	2.0	1.8	1.7	2.0	1.8	2.0
253020202	2.2	2.3	2.2	2.3	1.7	2.2	1.8	1.8	2.2	1.8	2.1
253040201	2.5	2.7	2.0	2.3	1.8	1.0	1.0	2.2	3.0	1.0	2.0
253040202	2.7	2.2	2.7	2.0	1.0	1.0	1.0	3.0	2.0	1.0	1.9
253000201	1.8	1.7	1.8	1.5	1.7	1.2	1.7	1.8	1.3	1.7	1.6
253000202	1.8	1.7	1.8	1.7	1.7	1.2	1.5	2.0	1.5	1.7	1.7
12300010	1.8	1.7	1.8	1.5	1.7	1.3	1.5	1.8	1.7	2.0	1.7
253010301	3.0	2.8	2.0	3.0	1.0	2.0	2.0	2.0	3.0	2.0	2.3
253010302	3.0	3.0	2.0	3.0	2.0	2.8	3.0	2.8	3.0	2.0	2.7
253010303	3.0	2.5	2.3	3.0	1.3	2.2	2.0	3.0	2.3	1.5	2.3
253040301	2.8	2.7	2.3	2.2	1.5	1.5	1.0	3.0	2.2	1.5	2.1
253040302	2.8	2.7	2.3	2.2	1.5	1.5	1.0	3.0	2.2	1.5	2.1
253040303	3.0	2.5	2.2	2.3	1.5	1.8	1.0	3.0	2.5	2.0	2.2
253000302	1.7	1.7	1.8	1.5	1.7	1.2	1.5	1.8	1.5	1.7	1.6
12300011	1.5	1.7	1.8	1.5	1.7	1.2	1.5	2.0	1.5	1.7	1.6
253010401	3.0	2.5	2.2	2.8	1.3	2.2	2.0	2.7	2.0	1.7	2.2
253010402	3.0	2.5	2.2	2.7	1.5	2.2	2.0	2.8	2.3	1.7	2.3
253010403	3.0	2.5	2.5	3.0	2.0	2.2	2.0	3.0	2.0	2.2	2.4
253040401	3.0	2.7	2.0	2.3	1.5	1.7	1.0	3.0	2.2	2.0	2.1
253040402	3.0	2.3	2.0	1.8	1.2	2.0	1.0	3.0	2.0	2.3	2.1
253040403	3.0	2.2	2.0	2.5	1.8	1.3	1.2	3.0	2.0	2.3	2.1
253000402	1.5	1.5	1.8	1.5	1.7	1.2	1.5	1.7	1.5	1.7	1.6





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12300012	1.7	1.7	1.8	1.7	1.7	1.2	1.5	2.2	1.5	1.8	1.7
253010501	3.0	2.3	2.7	2.7	1.3	2.0	2.2	2.8	2.0	2.0	2.3
253010502	3.0	2.2	2.0	2.2	1.0	2.0	1.0	2.5	2.0	2.0	2.0
253010503	3.0	2.0	2.0	2.3	1.0	2.0	1.7	2.5	2.0	1.8	2.0
253010504	3.0	2.3	2.2	2.8	2.2	2.0	2.3	2.5	2.3	2.2	2.4
253010505	3.0	2.0	2.0	2.5	1.0	2.0	1.3	2.3	2.0	2.2	2.0
253000503	1.8	2.0	2.0	2.0	1.8	1.3	1.5	2.5	1.7	1.8	1.9
12300013	1.5	1.8	1.8	1.5	1.7	1.2	1.5	2.0	1.5	1.7	1.6
253010601	3.0	2.7	2.8	2.8	2.0	2.0	2.2	3.0	2.0	2.3	2.5
253010602	3.0	2.0	2.2	2.3	1.7	3.0	1.8	2.2	2.0	2.5	2.3
253010603	3.0	2.0	2.0	1.7	2.0	3.0	2.0	2.0	2.0	2.0	2.2
253010604	3.0	2.5	2.2	2.3	2.2	2.5	2.0	2.0	2.0	2.5	2.3
253010605	3.0	2.2	2.2	2.3	2.2	2.0	2.0	2.2	2.0	2.3	2.2
253000603	1.8	1.7	1.8	2.0	1.7	1.3	1.5	2.2	1.7	1.8	1.8
12300014	1.5	1.8	1.8	1.5	1.7	1.2	1.5	2.0	1.3	1.7	1.6
AVERAGE	2.5	2.2	2.4	2.2	1.6	1.8	1.7	2.4	2.1	1.9	2.1



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FOR 1st to 6TH SEM-THEORY				FOR PRACTICAL and IE			
TARGET LEVEL	INTERNAL MARKS	TARGET LEVEL	EXTERNAL MARKS	TARGET LEVEL	INTERNAL MARKS	TARGET LEVEL	EXTERNAL MARKS
1	≤12	1	28 to 32	1	≤20 to 25	1	≤20 to 25
2	13 to 14	2	33 to 41	2	26 to 29	2	26 to 29
3	≥15	3	42≥	3	≥30	3	≥30

I SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
253010101	253010101	12	28	1	1
253010102	253010102	-	20	-	1
253020101	253020101	12	28	1	1
253020102	253020102	-	20	-	1
253040101	253040101	12	28	1	1
253040102	253040102	-	20	-	1
253000102	253000102	12	28	1	1
253000101	253000101	12	28	-	1
12300009	12300009	20	20	1	1
II SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
253010201	253010201	12	28	1	1
253010202	253010202	-	20	1	1
253020201	253020201	12	28	1	1
253020202	253020202	-	20	1	1
253040201	253040201	12	28	1	1
253040202	253040202	-	20	1	1
253000201	253000201	12	28	1	1
253000202	253000202	12	28	1	1
12300010	12300010	20	20	1	1
III SEM					
Course Name	Course Code	Marks		Level	
253010301	253010301	12	28	1	1
253010302	253010302	12	28	1	1
253010303	253010303	-	40	1	1



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253040301	253040301	12	28	1	1
253040302	253040302	12	28	1	1
253040303	253040303	-	40	1	1
253000302	253000302	12	28	1	1
12300011	12300011	20	20	1	1
IV SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
253010401	253010401	12	28	1	1
253010402	253010402	12	28	1	1
253010403	253010403	-	40	1	1
253040401	253040401	12	28	1	1
253040402	253040402	12	28	1	1
253040403	253040403	-	40	1	1
253000402	253000402	12	28	1	1
12300012	12300012	20	20	1	1
V SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
253010501	253010501	12	28	1	1
253010502	253010502	12	28	1	1
253010503	253010503	12	28	1	1
253010504	253010504	12	28	1	1
253010505	253010505	-	80	1	1
253000503	253000503	12	28	1	1
12300013	12300013	20	20	1	1
VI SEM					
Course Name	Course Code	Marks		Level	
		IA		T_IA	T_Final
253010601	253010601	12	28	1	1
253010602	253010602	12	28	1	1
253010603	253010603	12	28	1	1
253010604	253010604	12	28	1	1
253010605	253010605	-	80	1	1
253000603	253000603	12	28	1	1
12300014	12300014	20	20	1	1



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COURSE OUTCOMES ATTAINMENT TARGET LEVEL	
Level 1	55-64
Level 2	65-74
Level 3	≥75

Course	Course Code	Exam	No. of Students appeared	scoring more than 12/32 marks (in internal & % students scoring defined marks	Attainment level	Weighted Score	Course Outcome attainment
SEM I							
253010101	253010101	INT	25	25	100.00	3	0.6
		EXT	25	25	100.00	3	2.4
253010102	253010102	INT	-	-	-	-	-
		EXT	25	25	100.00	3	3
253020101	253020101	INT	25	25	100.00	3	0.6
		EXT	25	25	100.00	3	2.4
253020102	253020102	INT	-	-	-	-	-
		EXT	25	25	100.00	3	3
253040101	253040101	INT	25	25	100.00	3	0.6
		EXT	25	21	84.00	3	1.6
253040102	253040102	INT	-	-	-	-	-
		EXT	25	25	100.00	3	3
253000102	253000102	INT	25	25	100.00	3	0.6
		EXT	25	25	100.00	3	2.4
253000101	253000101	INT	25	25	100.00	3	0.6
		EXT	25	25	100.00	3	2.4
12300009	12300009	INT	25	25	100.00	3	0.6
		EXT	25	25	100.00	3	2.4
SEM II							
253010201	253010201	INT	22	22	100.00	3	0.6
		EXT	22	22	100.00	3	2.4
253010202	253010202	INT	-	-	-	-	-
		EXT	22	22	100.00	3	3
253020201	253020201	INT	22	22	100.00	3	0.6
		EXT	22	22	100.00	3	2.4
253020202	253020202	INT	-	-	-	-	-
		EXT	22	22	100.00	3	3
253040201	253040201	INT	22	22	100.00	3	0.6
		EXT	22	22	100.00	3	2.4
253040202	253040202	INT	-	-	-	-	-



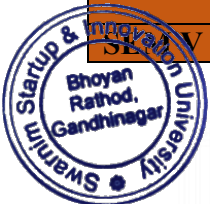


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		EXT	22	22	100.00	3	3	
253000202	253000202	INT	22	22	100.00	3	0.6	3
		EXT	22	21	95.45	3	2.4	
2530000201	2530000201	INT	22	22	100.00	3	0.6	3
		EXT	22	22	100.00	3	2.4	
12300010	12300010	INT	22	22	100.00	3	0.6	3
		EXT	22	21	95.45	3	2.4	
SEM III								
253010301	253010301	INT	21	21	100.00	3	0.6	3
		EXT	21	19	90.48	3	2.4	
253010302	253010302	INT	21	21	-	-	-	3
		EXT	21	18	85.71	3	3	
253010303	253010303	INT	-	-	-	-	-	3
		EXT	21	21	100.00	3	3	
253040301	253040301	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
253040302	253040302	INT	21	21	100.00	3	0.6	3
		EXT	21	20	95.24	3	2.4	
253040303	253040303	INT	-	-	-	-	-	3
		EXT	21	21	100.00	3	3	
253000302	253000302	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
12300011	12300011	INT	21	21	100.00	3	0.6	3
		EXT	21	21	100.00	3	2.4	
SEM IV								
254010401	254010401	INT	19	19	100.00	3	0.6	3
		EXT	19	19	100.00	3	2.4	
254010402	254010402	INT	19	19	-	-	-	3
		EXT	19	19	100.00	3	3	
254010403	254010403	INT	-	-	-	-	-	3
		EXT	19	19	100.00	3	3	
253040401	253040401	INT	19	19	100.00	3	0.6	3
		EXT	19	19	100.00	3	2.4	
253040402	253040402	INT	19	19	100.00	3	0.6	3
		EXT	19	19	100.00	3	2.4	
253040403	253040403	INT	-	-	-	-	-	3
		EXT	19	19	100.00	3	3	
253000402	253000402	INT	19	19	100.00	3	0.6	3
		EXT	19	19	100.00	3	2.4	
12300012	12300012	INT	19	19	100.00	3	0.6	3
		EXT	19	19	100.00	3	2.4	



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253010501	253010501	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010502	253010502	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010503	253010503	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010504	253010504	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010505	253010505	INT	-	-	-	-	-	3
		EXT	12	12	100.00	3	3	
253000503	253000503	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
12300013	12300013	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
SEM VI								
253010501	253010501	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010502	253010502	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010503	253010503	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010504	253010504	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
253010505	253010505	INT	-	-	-	-	-	3
		EXT	12	12	100.00	3	3	
253000503	253000503	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	
12300013	12300013	INT	12	12	100.00	3	0.6	3
		EXT	12	12	100.00	3	2.4	

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ATTAINMENT LEVELS FOR POS THROUGH COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
253010101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000102	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000101	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300009	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253020202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000201	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000202	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300010	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040301	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040303	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000302	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300011	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040401	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253040403	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00





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253000402	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300012	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010501	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010502	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010503	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010504	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010505	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000503	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300013	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010601	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010602	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010603	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010604	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253010605	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
253000603	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
12300014	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
TOTAL PO ATTAINMENT	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.00
COUNT	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.0 0	48.00
AVG ATTAINMENT	1	1	1	1	1	1	1	1	1	1

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TARGET LEVEL FOR POS THROUGH COURSES

SUBJECT	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
253010101	0.94	0.78	0.78	0.89	0.50	0.50	1.00	0.72	1.00	0.83
253010102	1.00	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253020101	0.83	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253020102	0.83	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253040101	1.00	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253040102	0.83	0.50	0.56	0.50	0.44	0.39	0.50	0.56	0.44	0.50
253000102	0.44	0.50	0.56	0.50	0.44	0.39	0.50	0.56	0.44	0.50
253000101	0.56	0.50	0.56	0.50	0.44	0.39	0.50	0.56	0.44	0.50
12300009	0.56	1.00	0.83	0.78	0.50	0.56	0.44	0.89	0.83	0.50
253010201	1.00	0.72	1.00	1.00	0.94	1.00	1.00	0.72	1.00	1.00
253010202	1.00	1.00	0.94	1.00	0.67	0.67	0.67	1.00	1.00	0.67
253020201	0.67	0.78	0.61	0.67	0.67	0.67	0.61	0.56	0.67	0.61
253020202	0.72	0.78	0.72	0.78	0.56	0.72	0.61	0.61	0.72	0.61
253040201	0.83	0.89	0.67	0.78	0.61	0.33	0.33	0.72	1.00	0.33
253040202	0.89	0.72	0.89	0.67	0.33	0.33	0.33	1.00	0.67	0.33
253000201	0.61	0.56	0.61	0.50	0.56	0.39	0.56	0.61	0.44	0.56
253000202	0.61	0.56	0.61	0.56	0.56	0.39	0.50	0.67	0.50	0.56
12300010	0.61	0.56	0.61	0.50	0.56	0.44	0.50	0.61	0.56	0.67
253010301	1.00	0.94	0.67	1.00	0.33	0.67	0.67	0.67	1.00	0.67
253010302	1.00	1.00	0.67	1.00	0.67	0.94	1.00	0.94	1.00	0.67
253010303	1.00	0.83	0.78	1.00	0.44	0.72	0.67	1.00	0.78	0.50
253040301	0.94	0.89	0.78	0.72	0.50	0.50	0.33	1.00	0.72	0.50
253040302	0.94	0.89	0.78	0.72	0.50	0.50	0.33	1.00	0.72	0.50
253040303	1.00	0.83	0.72	0.78	0.50	0.61	0.33	1.00	0.83	0.67
253000302	0.56	0.56	0.61	0.50	0.56	0.39	0.50	0.61	0.50	0.56
12300011	0.50	0.56	0.61	0.50	0.56	0.39	0.50	0.67	0.50	0.56
253010401	1.00	0.83	0.72	0.94	0.44	0.72	0.67	0.89	0.67	0.56
253010402	1.00	0.83	0.72	0.89	0.50	0.72	0.67	0.94	0.78	0.56
253010403	1.00	0.83	0.83	1.00	0.67	0.72	0.67	1.00	0.67	0.72
253040401	1.00	0.89	0.67	0.78	0.50	0.56	0.33	1.00	0.72	0.67
253040402	1.00	0.78	0.67	0.61	0.39	0.67	0.33	1.00	0.67	0.78
253040403	1.00	0.72	0.67	0.83	0.61	0.44	0.39	1.00	0.67	0.78
253000402	0.50	0.50	0.61	0.50	0.56	0.39	0.50	0.56	0.50	0.56





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12300012	0.56	0.56	0.61	0.56	0.56	0.39	0.50	0.72	0.50	0.61
253010501	1.00	0.78	0.89	0.89	0.44	0.67	0.72	0.94	0.67	0.67
253010502	1.00	0.72	0.67	0.72	0.33	0.67	0.33	0.83	0.67	0.67
253010503	1.00	0.67	0.67	0.78	0.33	0.67	0.56	0.83	0.67	0.61
253010504	1.00	0.78	0.72	0.94	0.72	0.67	0.78	0.83	0.78	0.72
253010505	1.00	0.67	0.67	0.83	0.33	0.67	0.44	0.78	0.67	0.72
253000503	0.61	0.67	0.67	0.67	0.61	0.44	0.50	0.83	0.56	0.61
12300013	0.50	0.61	0.61	0.50	0.56	0.39	0.50	0.67	0.50	0.56
253010601	1.00	0.89	0.94	0.94	0.67	0.67	0.72	1.00	0.67	0.78
253010602	1.00	0.67	0.72	0.78	0.56	1.00	0.61	0.72	0.67	0.83
253010603	1.00	0.67	0.67	0.56	0.67	1.00	0.67	0.67	0.67	0.67
253010604	1.00	0.83	0.72	0.78	0.73	0.83	0.67	0.67	0.67	0.83
253010605	1.00	0.72	0.72	0.78	0.73	0.67	0.67	0.72	0.67	0.78
253000603	0.61	0.56	0.61	0.67	0.56	0.44	0.50	0.72	0.56	0.61
12300014	0.50	0.61	0.61	0.50	0.56	0.39	0.50	0.67	0.44	0.56
SUM OF PO	40.1	36.1	34.2	35.3	25.8	27.8	26.3	38.2	33.1	29.61
	7	1	8	9	6	9	9	2	1	
COUNT OF PO	48	48	48	48	48	48	48	48	48	48
DIRECT TARGET (AVG)	0.83	0.75	0.71	0.73	0.53	0.58	0.55	0.79	0.69	0.617
	7	2	4	7	9	1		6		
ATTAINMENT OF PO DIRECT (Average value found)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
80% OF DIRECT ATT	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
20% OF INDIRECT ATTAINMENT	0.54	0.51	0.55	0.55	0.54	0.53	0.52	0.53	0.52	0.521
		6	4	4	5	7	7	5	6	
TOTAL	1.34	1.32	1.35	1.35	1.34	1.34	1.33	1.34	1.33	1.32

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