

Swarnnim Startup and Innovation University
Aarihant Ayurvedic Medical College and Research Institute, Gandhinagar
Teaching Scheme as proposed by CCIM/ NCISM

BAMS 2nd Professional

Sr. no.	Subject name	Papers	Theory marks	Practical marks	Total	Teaching hours
1.	Dravyaguna vigyan	2	200 (100 each)	200	400	200+200
2.	Rog nidan	2	200 (100 each)	100	300	200+200
3.	Rasashastra evam Bhaishajyakalpana	2	200 (100 each)	200	400	200+200
4.	Charak Purvardh	1	100	-	100	200


Principal
Aarihant Ayurvedic Medical
College and Research Institute



Semester 7 (CE)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External			PASSING			
							Th	PASSING	Pr	PASSING	Th	PASSING		Pr		
23040701	Artificial Intelligence	6	4	0	4	8	30	12	-	-	70	23	50	25	150	INDIVIDUAL PASS IN EACH COMPONENT
	Major Elective I	5	3	0	4	7	30	12	-	-	70	23	50	25	150	
23000023	Project I	2	0	0	4	4	-	-	50	25	-	-	100	50	150	
23000022	Managing Innovation & IPR for Entrepreneurs	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
	Total	15.5	9	1	12	22	60	24	100	50	140	46	250	125	550	
Subject Code	Major Elective I															

Subject Code	Major Elective I
23040702	Python Programming
23040703	IOT and Applications
23040704	Network Programming

Semester 8 (CE)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External			Total			
							Th	PASSING	Pr	PASSING	Th	PASSING		Pr		
	Major Elective II	6	4	0	4	8	30	12	-	-	70	25	50	25	150	INDIVIDUAL PASS IN EACH COMPONENT
23000025	Project 2	8	0	0	16	16	-	-	20	10	-	-	80	40	100	
23000024	Subject from School of IE	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
	Total	16.5	6	1	20	27	30	12	70	35	70	25	180	90	350	

Subject Code	Major Elective II
23040801	Android Programming
23040802	Programming with XML & JSON
23040803	Graphics Programming/ Animation

Semester - 7

Semester - 7												
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
				Th	Tut	Practical	Total	Internal		External		
								Th	Pr	Th	Pr	
1	23000023	Project - I										
2	23050701	Inter Connected Power System	4	0	0	8	8	0	20	0	80	100
3	23050702	Switch Gear and Protection	4	3	0	2	5	30	20	70	30	150
4	23050703	Design of AC Machines	5	4	0	2	6	30	20	70	30	150
5		Department Elective - II	4	3	0	2	5	30	20	70	30	150
6	23000022	SUBJECT FROM SCHOOL OF IE	4	3	0	2	5	30	20	70	30	150
			2.5	2	0	1	3	0	50	0	50	100
		Total	23.5	15	0	17	32	120	150	280	250	800

	Department Elective - II
23050704	Advance Power Electronics
23050705	Industrial Instrumentation

Semester 8

Semester 8												
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
				Th	Tut	Practical	Total	Internal		External		
								Th	Pr	Th	Pr	
1	23000025	Project - II	4	0	0	8	8	0	20	0	80	100
2	23050801	Power System Planning and Design	4	3	0	2	5	30	20	70	30	150
3	23050802	Testing and Commissioning of Electrical Equipments	4	3	0	2	5	30	20	70	30	150
4	23050803	Power System Operation and Control	3	3	0	0	3	30	0	70	0	100
5		Departmental Elective - III	4	3	0	2	5	30	20	70	30	150
6	23000024	SUBJECT FROM SCHOOL OF IE	2.5	2	0	1	3	0	50	0	50	100
		Total	21.5	14	0	15	29	120	130	280	220	750

	Departmental Elective - III
23050804	Energy Conservation and Audit
23050805	Power Quality and Management

SWARNIM INSTITUTE OF
TECHNOLOGY

KRM
29/6/2020
Prof. Ramji Kanani

Dohyasa
14/9/2020

Belaw
Prof. V. B. Babaria

Bachelor of Engineering (B.E.)
Department of CIVIL Engineering
Semester III-VIII Teaching Scheme and Examination Scheme

Semester: 7 (CIVIL Engineering)

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External			PASSING			
							Th	PASSING	Pr	PASSING	Th	PASSING		Pr		
23030701	Design of Steel Structure	5	4	1	-	5	30	12	-	-	70	23	50	25	150	INDIVIDUAL PASS IN EACH COMPONENT
23030702	Irrigation Engineering	4	3	1	-	4	30	12	-	-	70	23	50	25	150	
23030703	Urban Transportation Engineering	4	3	1	-	4	30	12	-	-	70	23	50	25	150	
23000023	Project-I	3	-	-	6	6	-	-	20	10	-	-	80	40	100	
23000022	Subject From School of IE	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100	
	Elective 1	4	3	1	-	4	30	12	-	-	70	23	50	25	150	
Total		22.5	15	5	6	26	120	48	70	35	280	92	330	165	800	
Subject																

Subject Code	Elective 1
23030704	Ground Improvement Techniques
23030705	Remote Sensing and GIS
23030706	Earthquake Engineering

Semester: 8 (CIVIL Engineering)

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
			Th	Tut	Practical	Total	Internal			External					
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
23030801	Construction Project Management	4	3	1	-	4	30	12	-	-	70	23	50	25	150
23030802	Prestressed Concrete	5	4	1	-	5	30	12	-	-	70	23	50	25	150
23000025	Project-II	3	-	-	6	6	-	-	20	10	-	-	80	40	100
23000026	Seminar	1.5	-	-	3	3	-	-	20	10	-	-	80	40	100
	Elective 1	4	3	1	-	4	30	12	-	-	70	23	50	25	150
23000024	Subject From School of IE	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100
Total		20	12	4	9	25	90	36	90	45	210	69	360	180	750

Subject Code	Elective 1
23030803	Foundation Engineering
23030804	Air Pollution and Control
23030805	Dock Harbour and Airport Engineering

SWARNIM STARTUP & INNOVATION UNIVERSITY
SWARNIM INSTITUTE OF TECHNOLOGY

Bachelor of Engineering (B.Tech)

Department of Automobile Engineering

Semester VII & VIII Teaching Scheme and Examination Scheme

Semester 7 (AUTO)

			Teaching scheme per week				Examination									
SUBJECT CODE	Subject Name	Credit	Th	Tut	Practical	Total	Internal				External				Total	
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
23010701	Vehicle Testing & Homologation	4	3	-	2	5	30	12	-	-	70	23	50	25	150	
23090708	Vehicle Dynamics	4	3	-	2	5	30	12	-	-	70	23	50	25	150	
23010703	Automobile Component Design	5	4	-	2	6	30	12	-	-	70	23	50	25	150	
23010704	Two and Three Wheelers	4	3	-	2	5	30	12	-	-	70	23	50	25	150	
23000023	Project - I	2	-	-	4	4	-	-	50	25	-	-	100	50	150	
	Department Elective - II	3	3	-	-	3	30	12	-	-	70	23	-	-	100	
23000022	Subject From School of IE	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100	
	Total	24.5	18	1	12	31	150	60	100	50	350	115	350	175	950	
Departmental Electives - II																
23010706	Computer Integrated Manufacturing in Automobile Industry															
23010707	Noise, Vibration & Harshness and Safety															
23010708	Total Quality Management															

Semester 8 (AUTO)

Semester 8 (AUG)		Teaching scheme per week					Examination								Total
SUJECT CODE	Subject Name	Credit	Th	Tut	Practical	Total	Internal			PASSING	External			PASSING	Total
							Th	PASSING	Pr		Th	PASSING	Pr		
23000025	Project - II	8	-	-	16	16	-	-	200	100	-	-	300	150	500
23010801	Automobile System Design	5	4	-	2	6	30	12	-	-	70	23	50	25	150
	Department Elective - III	4	3	-	2	5	30	12	-	-	70	23	50	25	150
23000024	Subject From School of IE	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100
	Total	19.5	9	1	20	30	60	24	250	125	140	46	450	225	900
Departmental Electives - III															
23010802	Vehicle Body Engineering														
23010803	Electric Vehicles														
23010805	Automotive and Combustion Engine Technology														

SWARNIM INSTITUTE OF
TECHNOLOGY

Dr. Sulekha
y. joshi
LAKSHMI
myjoshi

Subject Code	Major Elective I
1	Big Data Management
2	Mobile Application Development technologies
3	Image Processing

Semester 6 (IT)

Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Advance Web Technology										
2	Data Mining and Warehousing	4	3	-	2	5	30	50	70	-	150
3	Cloud Computing	4	3	-	2	5	30	50	70	-	150
4	Software Engineering	4	3	-	2	5	30	50	70	-	150
5	Major Elective II	4	3	-	2	5	30	50	70	-	150
6	Subject from School of IE	5	3	-	4	7	30	50	70	-	150
		2.5	2	1	-	3	30	50	70	-	150
	Total	23.5	17	1	12	30	150	300	350	50	850
Subject											

Subject Code	Major Elective II
1	.NET Technology
2	Wireless network
3	Advance JAVA
4	Data Compression and Transmission

Semester 7 (IT)

Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Artificial Intelligence	6	4	-	4	8	30	-	70	50	150
2	Major Elective I	5	3	-	4	7	30	-	70	50	150
3	Project I	6	-	-	12	12	-	50	-	100	150
4	Subject from School of IE	2.5	2	1	-	3	-	50	-	50	100
	Total	19.5	9	1	20	30	60	100	140	250	550

Subject	
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Subject Code	Major Elective I
1	Python Programming
2	IOT and Applications
3	Network Programming

Semester 8 (IT)

Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Major Elective II	6	4	-	4	8	30	-	70	50	150
2	Project II	8	-	-	16	16	-	50	-	100	150
2	Subject from School of IE	2.5	2	1	-	3	-	50	-	50	100
	Total	16.5	6	1	20	27	30	100	70	200	400

Subject Code	Major Elective II
1	Machine Learning
2	Programming with XML and JSON
3	Graphics Programming/ Animation

SWARNIM INSTITUTE OF
TECHNOLOGY

SWARNIM STARTUP & INNOVATION UNIVERSITY (SSIU)

Bachelor of Engineering

Department of Chemical Engineering

Teaching Scheme & Examination Pattern

SEM-VII			Teaching Scheme (Hours)					Examination				Total Marks
Sr No	Subject code	Subject name	Th	Tu	Pr	Total	Credits	Internal		External		
								Th	Pr	Th	Pr	
1	24020701	Process Equipment Design-II	3	1	0	4	4					
2	24020702	Chemical Reaction Engineering-II	3	0	2	5	4	30	20	70	30	150
3		Major Elective-I	2	0	2	4	3	30	20	70	30	150
5	24020703	Computer Aided Process Synthesis	2	1	0	3	3	30	20	70	30	150
6	24020704	Plant Design and Project Engineering	3	0	0	3	3	30	20	70	30	150
7	23000023	Project-I	0	0	8	8	4	0	20	0	80	100
8	23000022	IE	2	1	0	3	2.5	0	50	0	50	100
Total			15	3	12	30	23.5	150	170	350	280	950

Major Elective-I

1	24020706	Energy Technology	2	0	2	4	3	30	20	70	30	150
2	24020707	Nano Technology	2	0	2	4	3	30	20	70	30	150


HOD


(Sandip shukla,
EnU. Engg. in AMU)

SWARNIM STARTUP & INNOVATION UNIVERSITY (SSIU)

Bachelor of Engineering

Department of Chemical Engineering

Teaching Scheme & Examination Pattern

Teaching Scheme & Examination Pattern												
SEM-VIII			Teaching Scheme (Hours)			Total	Credits	Examination				Total Marks
Sr No	Subject code	Subject name						Internal		External		
			Th	Tu	Pr			Th	Pr	Th	Pr	
1	24020801	Chemical System Modeling	2	0	0	2	2	30	20	70	30	150
2		Major Elective-I	3	0	0	3	3	30	20	70	30	150
3	24020802	Petroleum Refining & Petrochemicals	3	0	0	3	3	30	20	70	30	150
4	24020803	Process Simulation & Optimization	3	0	0	3	3	30	20	70	30	150
5	23000025	Project-II	0	0	16	16	8	0	20	0	80	100
6	23000024	IE	2	1	0	3	2.5	0	50	0	50	100
Total			13	1	16	30	21.5	120	150	280	250	800

Major Elective-II

1	24020805	Fertilizer Technology	3	0	0	3	3	30	20	70	30	150
2	24020806	Solid Fluid Operation	3	0	0	3	3	30	20	70	30	150


HOD


Sandip Shukla,
EnV. Engg. in AMC

SWARNIM STARTUP & INNOVATION UNIVERSITY (SSIU)

B.Tech

Department of Environmental Engineering

Teaching Syllabus & Examination Pattern

SEM-VII		Teaching Scheme (Hours)					Examination				Total Marks
Subject Code	Subject name	Th	Tu	Pr	Total	Credits	Internal		External		
							Th	Pr	Th	Pr	
	Advanced Wastewater Treatment Technologies	3	0	2	5	4	30	-	70	50	150
	Design of Air Pollution Control Equipments	3	2	0	5	5	30	-	70	50	150
	Environmental Risk Assessment and Management	3	2	0	5	5	30	-	70	50	150
	Institute Elective	3	2	0	5	5	30	-	70	50	150
	Project-I	0	0	8	8	4	-	20	-	80	100
	Start-Up Project Part-I	2	0	1	3	2.5	-	50	-	50	100
	Total	14	6	11	31	25.5	120	70	280	330	800

Subject Code	Institute Elective
	Resource And Energy Recovery From Waste
	Cleaner Production And Waste Utilization

B.B. Patel

(Signature)

SWARNIM STARTUP & INNOVATION UNIVERSITY (SSIU)												
B.Tech												
Department of Environmental Engineering												
Teaching Syllabus & Examination Pattern												

SEM-VIII												
Sr No.	Subject Code	Subject name	Teaching Scheme (Hours)					Examination				Total Marks
			Th	Tu	Pr	Total	Credits	Internal		External		
								Th	Pr	Th	Pr	
1		Environmental Impact Assessment	3	2	0	5	5	30	-	70	50	150
2		Anaerobic Biological Treatment Technologies	3	0	2	5	4	30	-	70	50	150
3		Industrial Wastewater Pollution and Control	3	0	2	5	4	30	-	70	50	150
4		Institute Elective	3	2	0	5	5	30	-	70	50	150
5		Project II	0	0	8	8	4	-	20	-	80	100
6		Start-Up Project Part-II	2	0	1	3	2.5	-	50	-	50	100
Total			14	4	13	31	24.5	120	70	280	280	800

Subject Code	Institute Elective
	Preventive Environmental Management
	Environmental Legislation and Audit

Signature

B.B. Patel

Swarnim Start Up And Innovation University
(India's First Start Up University)

Bachelor of Engineering (B.Tech)

Department of Mechanical Engineering

Semester VII & VIII Teaching Scheme and Examination Scheme

Semester 7 (MECH)

Semester 7 (MECH)															
UBJECT COD	Subject Name	Credit	Teaching scheme per week				Examination								Total
			Th	Tut	Practical	Total	Internal				External				
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
23090701	Computer Aided Design & Manufacturing	4	3	-	2	5	30	12	-	-	70	23	50	25	150
23090702	Power Plant Engineering	4	3	-	2	5	30	12	-	-	70	23	50	25	150
23090703	Operation Research	6	4	2	-	6	30	12	-	-	70	23	50	25	150
23090704	Machine Design	5	3	-	2	5	30	12	-	-	70	23	50	25	150
	Departmental Elective - II	3	3	-	-	3	30	12	-	-	70	23	-	-	100
23000023	Project 1	2	-	1	2	3	-	-	50	25	-	-	100	50	150
23090705	Organizational Behaviour	2	-	-	-	0	-	-	-	-	-	-	50	25	50
23000022	Subject rom School of IE	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100
	Total	28.5	18	4	8	30	150	60	100	50	350	115	400	200	1000

Departmental Electives - II

23090708	Vehicle Dynamics
23090710	Gas Dynamics
23090712	Metal Forming Analysis

Semester 8 (MECH)

Semester 8 (MECH)															
UBJECT COD	Subject Name	Credit	Teaching scheme per week				Examination								Total
			Th	Tut	Practical	Total	Internal			External			PASSING		
							Th	PASSING	Pr	PASSING	Th	PASSING		Pr	
23000025	Project 2	8	-	-	16	16	-	-	200	100	-	-	300	150	500
	Departmental Electives - III	4	3	-	2	5	30	12	-	-	70	23	50	25	150
23000028	Industrial Training	2	-	-	4	4	-	-	50	25	-	-	200	100	250
23000024	Subject rom School of IE	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100
	Total	16.5	5	1	22	28	30	12	300	150	70	23	600	300	1000

Departmental Electives - III

23090803	Rapid Prototyping
23090804	Automobile Engineering
23090805	Energy Conservation and Management

SWARNIM INSTITUTE
TECHNOLOGY

Dr. H. Pandey

Vikrant Mahajan

SWARNNIM STARTUP & INNOVATION UNIVERSITY

SWARNNIM INSTITUTE OF TECHNOLOGY

B. Tech. Computer Engineering (Artificial Intelligence)

Department of Computer Engineering

Semester VII Teaching Scheme and Examination Scheme

Semester: 7		Credit	Teaching scheme per week				Examination								PASSING	Total	REMARKS
Subject Code	Subject Name						Internal				External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr				
			Th	Tut	Practical	Total	Th	PASSING	Pr	PASSING	Th	PASSING	Pr				
	Professional Elective –V	3	2	0	2	4	30	12	50	25	70	23	0	0	150	INDIVIDUAL PASS IN EACH COMPONENT	
	Professional Elective - VI	3	2	0	2	4	30	12	50	25	70	23	0	0	150		
	Open Elective-III	3	3	0	0	3	30	12	0	0	70	23	0	0	100		
	Open Elective-IV	3	3	0	0	3	30	12	0	0	70	23	0	0	100		
	Environmental Science	3	3	0	0	3	30	12	0	0	70	23	0	0	100		
	Summer Training / Industrial Workshop/ Certification	4	2	0	4	6	0	0	100	50	0	0	0	0	100		
Total		19	15	0	4	22	150	60	50	100	350	115	0	0	700		

Subject Code	Open Elective III
	Real Time Data Processing
	Information Security Fundamentals

Subject Code	Professional Elective V
	Robotic Process Automation
	ML using Cloud Service

Subject Code	Professional Elective VI
	Chat-Bot Development
	Intelligent Process Automation

Subject Code	Open Elective IV
	Infrastructure Containers
	Android Application Development

for
15/09/21

SWARRNIM STARTUP & INNOVATION UNIVERSITY

SWARRNIM INSTITUTE OF TECHNOLOGY B. Tech. Computer Engineering (Artificial Intelligence) Department of Computer Engineering Semester VIII Teaching Scheme and Examination Scheme

Semester: 8		Credit	Teaching scheme per week				Examination								PASSING	Total	REMARKS
Subject Code	Subject Name						Internal				External						
							Th	Tut	Practical	Total	Th	PASSING	Pr	PASSING			
			Th	Tut	Practical	Total	Th	PASSING	Pr	PASSING	Th	PASSING	Pr				
	Industrial Training/Major Project (PT)	15	0	0	30	30	0	0	100	50	0	0	100	50	200	INDIVIDUAL PASS IN EACH COMPONENT	
	Technical Seminar	3	0	0	6	6	0	0	100	50	0	0	0	0	100		
Total		18	0	0	36	36	0	0	200	100	0	0	0	50	300		

for 15/09/21

Swarnim Startup & Innovation University

SWARNIM SCIENCE COLLEGE

Master of Science (M.Sc.) MATHEMATICS

Masters- Teaching syllabus & examination pattern

	Semester 1															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256050101	Abstract algebra-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256050102	Real analysis	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256050103		Statistical Methods	4	4	-	-	4	30	12	-	-	70	25	-	-
4	256050104	Advanced Linear Algebra	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256050105	Practical	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

	Semester 2															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256050201	Advanced Abstract Algebra - II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256050202	Complex Analysis	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256050203	Special Function	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256050204	Ordinary Differential Equation	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256050205	Practical	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600



Swarnim Startup & Innovation University

SWARRNIM SCIENCE COLLEGE

Master of Science (M.Sc.) Physics

Masters- Teaching syllabus & examination pattern

Semester 1																
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256040101	Quantum Mechanics-I and Mathematical Physics-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256040102	Classical Mechanics-I and Statistical Mechanics	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256040103	Electrodynamics-I and Programming in C-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256040104	Solid State Physics and Plasma Physics	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256040105	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

Semester 2																
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256040201	Quantum Mechanics-II and Mathematical Physics-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256040202	Classical Mechanics-II and Statistical Mechanics	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256040203	Semiconductor Physics and Devices	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256040204	Analog Electronics	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256040205	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600



Swarnim Startup & Innovation University

SWARNIM SCIENCE COLLEGE

Master of Science (M.Sc.) Microbiology

Masters- Teaching scheme, syllabus & examination pattern

Semester 1																
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256030101	Gene Structure and Function	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256030102	Bioinstrumentation	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256030103	Microbial Diversity	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256030104	Biogeohydratechnology and Biofuels	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256030105	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

Semester 2																
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256030201	Microbial Genetics	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256030202	Immunology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256030203	Bioprocess Technology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256030204	Tools and techniques in synthetic microbiology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256030205	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600



Swarnim Startup & Innovation University

SWARNIM SCIENCE COLLEGE

Master of Science (M.Sc.) Biotechnology

Masters- Teaching syllabus & examination pattern

Semester 1																
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256010101	Gene Structure and Function	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256010102	Bioinstrumentation	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256010103	Microbial Diversity	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256010104	Biogeohydratechnology and Biofuels	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256010105	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

Semester 2																
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256010201	Microbial Genetics	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256010202	Immunology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256010203	Bioprocess Technology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256010204	Tools and techniques in synthetic microbiology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256010205	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600



Swarnim Startup & Innovation University

SWARNIM SCIENCE COLLEGE

Master of Science (M.Sc.) Chemistry

Masters- Teaching syllabus & examination pattern

	Semester 1															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256020101	Organic Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256020102	inorganic Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256020103	Physical Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256020104	Analytical Chemistry-I	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256020105	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600

	Semester 2															
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total
				Th	Tut	Practical	Total	Internal				External				
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
1	256020201	Organic Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
2	256020202	inorganic Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
3	256020203	Physical Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
4	256020204	Analytical Chemistry-II	4	4	-	-	4	30	12	-	-	70	25	-	-	100
5	256020205	Practicals	8	-	-	12	12	-	-	200	80	-	-	-	-	200
		Total	24	16	-	12	28	120	-	200	-	280	-	-	-	600



SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARNIM SCIENCE COLLEGE

B.SC Sem-1 & 2 Common to all branch

Teaching scheme & examination pattern

1st Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks
			Th	Tut	Pr	Total	Internal				External				
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
253030101	Calculus and Matrices	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253030102	Mathematics Practicals	2	-	2	-	2	-	-	50	20	-	-	-	-	50
253020101	Basic Chemistry-1	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253020102	Chemistry Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253050101	Basic Physics-1	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253050102	Physics Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253010101	Introduction to Biotechnology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253010102	Biotechnology Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253040101	Introduction to Microbial world	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253040102	Microbiology Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253000102	English-1	2	2	-	-	2	30	12	-	-	70	25	-	-	100
253000101	Fundamentals of Computer Application -1	4	2	-	4	6	30	12	50	20	70	25	-	-	150
223000007	Introduction to Entrepreneurship	3	3	-	-	3	30	12	-	-	70	25	-	-	100
		27	19	2	8	29	180	-	200	-	420	-	-	-	800



2nd Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks
			Th	Tut	Pr	Total	Internal				External				
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING	
253030201	Differential Equation and Coordinate Geometry	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253030202	Mathematics Practicals	2	-	2	-	2	-	-	50	20	-	-	-	-	50
253020201	Basic Chemistry-2	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253020202	Chemistry Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253050201	Basic Physics-2	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253050202	Physics Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253010201	Origin & Evoluation of life	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253010202	Biotechnology Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253040201	Basic Bacteriology	4	4	-	-	4	30	12	-	-	70	25	-	-	100
253040202	Microbiology Practicals	2	-	-	2	2	-	-	50	20	-	-	-	-	50
253000202	English-2	2	2	-	-	2	30	12	-	-	70	25	-	-	100
253000201	Fundamentals of Computer Application -2	4	2	-	4	6	30	12	50	20	70	25	-	-	150
223000013	Preparing Wider Horizon for Entrepreneurship	3	3	-	-	3	30	12	-	-	70	25	-	-	100
		27	19	2	8	29	180	-	200	-	420	-	-	-	800



Swarnim Institute of Designs
Master's in Planning
Teaching Scheme & Examination Pattern

Semester - 1																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	34010101	Planning History and Theory		2	2	1	0	3	50	25	0	0	50	25	0	0	100
2	34010102	Socio-economic basis for Planning		2	2	1	0	3	50	25	0	0	50	25	0	0	100
3	34010103	Planning Techniques		2	2	1	0	3	50	25	0	0	50	25	0	0	100
4	34010104	Infrastructure and Transport Planning		2	2	1	0	3	50	25	0	0	50	25	0	0	100
5	34010105	Housing and Environmental Planning		2	2	1	0	3	50	25	0	0	50	25	0	0	100
6	34010106	Studio course		10	3	0	12	15	0	0	350	175	0	0	150	75	500
Total				20	13	5	12	30	250	125	350	175	250	125	150	75	1000

Semester - 2																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	34010201	City and Metropolitan Planning		2	2	1	0	3	50	25	0	0	50	25	0	0	100
2	34010202	Infrastructure Planning		2	2	1	0	3	50	25	0	0	50	25	0	0	100
3	34010203	Urban Heritage Conservation		2	2	1	0	3	50	25	0	0	50	25	0	0	100
4	34010204	Advanced Planning Techniques		2	2	1	0	3	50	25	0	0	50	25	0	0	100
5	34010205	Studio		10	3	0	12	15	0	0	300	150	0	0	200	100	500
6	34010206	Elective - I		2	2	1	0	3	0	0	50	25	0	0	50	25	0
Total				20	13	5	12	30	200		350		200		250		900

Semester - 3																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	34010301	Urban Development Management		2	2	1	0	3	50	25	0	0	50	25	0	0	100
2	34010302	Project Planning and Management		2	2	1	0	3	50	25	0	0	50	25	0	0	100
3	34010303	Urban Governance		2	2	1	0	3	50	25	0	0	50	25	0	0	100
4	34010304	Politics and Planning		2	2	1	0	3	50	25	0	0	50	25	0	0	100
5	34010305	Studio		10	3	0	12	15	0	0	300	150	0	0	200	100	500
6	34010306	Elective – II		2	2	1	0	3	50	25	0	0	50	25	0	0	100
Total				20	13	5	12	30	250		300		250		200		1000

Semester - 4																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	34010401	Development Finance		2	2	1	0	3	50	25	0	0	50	25	0	0	100
2	34010402	Legal Issues and Professional Practice		2	2	1	0	3	50	25	0	0	50	25	0	0	100
3	34010403	Thesis		16	0	0	24	24	0	0	500	250	0	0	300	150	800
Total				20	4	2	24	30	100		500		100		300		1000



School of Design
Diploma In Graphic & Animation Design
Teaching Scheme & Examination Pattern

Semester - 1

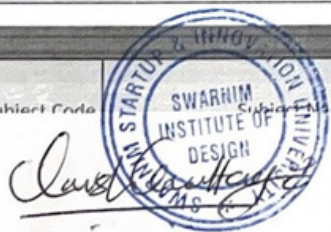
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	32000001	Foundation Studio	16	0	8	8	16	0	0	50	25	0	0	50	25	100
2	32000002	Design Communication	2	0	0	2	2	0	0	50	25	0	0	50	25	100
3	32000003	Design Appreciation	10	0	0	10	10	0	0	50	25	0	0	50	25	100
4	23000007	Introduction to Entrepreneurship	2.5	2	0	0	2	50	25	-	-	50	25	-	-	100
Total			30.5	2	8	20	30	50	25	150	75	50	25	150	75	400

Semester - 2

Semester - 2																
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	32040201	Elements of Graphic Design	12	4	0	8	12	0	0	50	25	0	0	50	25	100
2	32040202	Fundamentals of Typography	6	2	0	4	6	0	0	50	25	0	0	50	25	100
3	32040203	Rudiments of Graphic Drawing	4	2	0	2	4	0	0	50	25	0	0	50	25	100
4	32040204	Introduction to Visual Literacy	4	2	0	2	4	0	0	50	25	0	0	50	25	100
5	32040205	History of Art and Design	2	2	0	0	2	50	25	0	0	50	25	0	0	100
6	23000013	Preparing Wider Horizon for Entrepreneurship	2.5	2	0	0	2	50	25	-	-	50	25	-	-	100
Total			30.5	14	0	16	30	100	50	200	100	100	50	200	100	600

Semester - 3

Semester - 3											
Sr.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
							Internal		External		



No.	Subject Code	Subject Name	Credit	Theoretical	Tutorial	Practical	Total	Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	Total
1	32040301	History of Communication Design	2	2	0	0	2	50	25	0	0	50	25	0	0	100
2	32040302	Graphic Design Digital Tools	4	0	0	4	4	0	0	50	25	0	0	50	25	100
3	32040303	Semiotics	6	2	0	4	6	0	0	50	25	0	0	50	25	100
4	32040304	Introduction to Photography	4	2	0	2	4	0	0	50	25	0	0	50	25	100
5	32040305	Creative Concept Writing	4	2	0	2	4	0	0	50	25	0	0	50	25	100
6	32040306	Graphic Design Project - 1	8	0	0	8	8	0	0	50	25	0	0	50	25	100
7	23000014	Entrepreneurial Motivation	2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total			30.5	10	1	20	31	50	25	300	150	50	25	300	150	700

Semester - 4																
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	32040401	Digital Method – Premier/After Effects	6	0	0	6	6	0	0	50	25	0	0	50	25	100
2	32040402	Brand Identity Design	8	0	0	8	8	0	0	50	25	0	0	50	25	100
3	32040403	Historyof Advertising	6	6	0	0	6	0	0	50	25	50	25	0	0	100
4	32040404	Basic of Media and Film Design	8	3	0	5	8	0	0	50	25	0	0	50	25	100
5	23000017	Project feasiblity and marketing skills	2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total			30.5	11	1	21	31	60	30	350	175	40	20	250	125	700

Semester - 5																
				Teaching Scheme per Week				Examination Pattern								



Sr. No.	Subject Code	Subject Name	Credit	Theoretical	Tutorial	Practical	Total	Internal				External				Total
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	32030501	Advertising and Art Direction	12	0	0	12	12	0	0	50	0	0	0	50	25	100
2	32030502	Publication design	12	0	0	12	12	0	0	50	25	0	0	50	25	100
3	32030503	Design management	2	0	1	1	2	25	12.5	25	12.5	0	0	50	25	100
4	32030504	Communicating theory and Media study	2	0	1	1	2	25	12.5	25	12.5	0	0	50	25	100
5	12200005	Advanced Program in Entrepreneurship	3	3	0	0	3	50	25	0	25	50	25	0	0	100
Total			31	3	2	26	31	100	50	150	75	50	25	200	100	500

Semester - 6																
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	32030601	Graphic Design Project - 2	10	0	0	10	10	0	0	50	25	0	0	50	25	100
2	32030602	Web based Animation	6	0	0	6	6	0	0	50	25	0	0	50	25	100
3	32030603	Film Making and Editing	6	0	0	6	6	0	0	50	25	0	0	50	25	100
4	32030604	Character Modelling	6	0	0	6	6	0	0	50	25	0	0	50	25	100
5	12200006	Start-Up Project	3	0	0	3	0	0	0	50	25	0	0	50	25	100
Total			31	0	0	31	28	0	0	250	125	0	0	250	125	500

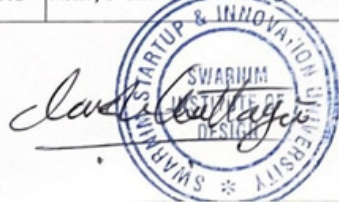


School of Design
Bachelor of Graphic & Animation Design
Teaching Scheme & Examination Pattern

Semester - 1																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	33000001	Foundation Studio		16	0	8	8	16	0	0	50	25	0	0	50	25	100
2	33000002	Design Communication		2	1	0	1	2	0	0	50	25	0	0	50	25	100
3	33000003	Design Appreciation		10	2	0	8	10	0	0	50	25	0	0	50	25	100
4	23000007	Introduction to Entrepreneurship		2.5	2	0	0	2	50	25	-	-	50	25	-	-	100
Total				30.5	5	8	17	30	50	25	150	75	50	25	150	75	400

Semester - 2																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	33020201	Elements of Graphic Design		12	4	0	8	12	0	0	50	25	0	0	50	25	100
2	33020202	Fundamentals of Typography		6	2	0	4	6	0	0	50	25	0	0	50	25	100
3	33020203	Rudiments of Graphic Drawing		4	2	0	2	4	0	0	50	25	0	0	50	25	100
4	33020204	Introduction to Visual Literacy		4	2	0	2	4	0	0	50	25	0	0	50	25	100
5	33020205	History of Art and Design		2	2	0	0	2	50	25	0	0	50	25	0	0	100
6	23000013	Preparing Wider Horizon for Enterpreneurship		2.5	2	0	0	2	50	25	-	-	50	25	-	-	100
Total				30.5	14	0	16	30	100	50	200	100	100	50	200	100	600

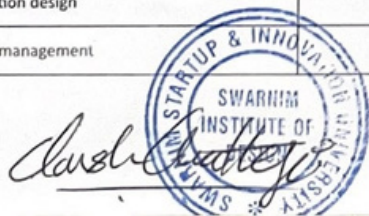
Semester - 3																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	33020301	History of Communication Design		2	2	0	0	2	50	25	0	0	50	25	0	0	100



2	33020302	Graphic Design Digital Tools		4	0	0	4	4	0	0	50	25	0	0	50	25	100
3	33020303	Semiotics		6	2	0	4	6	0	0	50	25	0	0	50	25	100
4	33020304	Introduction to Photography		4	2	0	2	4	0	0	50	25	0	0	50	25	100
5	33020305	Creative Concept Writing		4	2	0	2	4	0	0	50	25	0	0	50	25	100
6	33020306	Graphic Design Project - 1		8	0	0	8	8	0	0	50	25	0	0	50	25	100
7	23000014	Entrepreneurial Motivation		2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total				30.5	8	0	24	31	30	15	380	190	20	10	270	135	700

Semester - 4																		
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total	
					Theoretical	Tutorial	Practical	Total	Internal				External					
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing		
1	33020401	Digital Method – Premier/After Effects		6	0	0	6	6	0	0	50	25	0	0	50	25	100	
2	33020402	Brand Identity Design		8	0	0	8	8	0	0	50	25	0	0	50	25	100	
3	33020403	History of Advertising		6	6	0	0	6	50	25	0	0	50	25	0	0	100	
4	33020404	Basic of Media and Film Design		8	3	0	5	8	0	0	50	25	0	0	50	25	100	
5	23000017	Project feasibility and marketing skills		2.5	2	1	0	3	0	0	50	25	0	0	50	25	100	
Total					30.5	11	1	21	31	60	30	350	175	40	20	250	125	500

Semester - 5																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	33030501	Advertising and Art Direction		12	0	0	12	12	6	0	50	25	0	0	50	25	100
2	33030502	Publication design		12	0	0	12	12	0	0	50	25	0	0	50	25	100
3	33030503	Design management		2	0	1	1	2	25	12.5	25	12.5	0	0	50	25	100

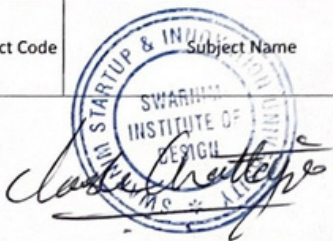


4	33030504	Communicating theory and Media study		2	0	1	1	2	25	12.5	25	12.5	0	0	50	25	100
5	12300013	Advanced Program in Entrepreneurship		3	3	0	0	3	50	25	0	0	50	25	0	0	100
Total				31	3	2	26	31	106	50	150	75	50	25	200	100	500

Semester - 6																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	33030601	Graphic Design Project - 2		10	0	0	10	10	0	0	50	25	0	0	50	25	100
2	33030602	Web based Animation		6	0	0	6	6	0	0	50	25	0	0	50	25	100
3	33030603	Film Making and Editing		6	0	0	6	6	0	0	50	25	0	0	50	25	100
4	33030604	Character Modeliing		6	0	0	6	6	0	0	50	25	0	0	50	25	100
5	12300014	Start-Up Project		3	0	0	3	3	0	0	50	25	0	0	50	25	100
Total				31	0	0	31	31	0	0	250	125	0	0	250	125	500

Semester - 7																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	33020701	Graphic Thesis- SP Project		15			15	15	0	0	50	25	0	0	50	25	100
2	33020702	Digital Campain		12			12	12	0	0	50	25	0	0	50	25	100
5	12300015	Start-Up Project		3			3	3	0	0	50	25	0	0	50	25	100
Total				30			30	30	0	0	150	75	0	0	150	75	300

Semester - 8																	
Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	



 SWARNAJYOTI INSTITUTE OF DESIGN
 MS & AI

1	33020801	Graduation Project - Internship Project	30			30	30	0	0	50	25	0	0	50	25	100
Total			30			30	30	0	0	50	25	0	0	50	25	100



Swarnim Institute of Design

School of Design
Diploma in Fashion Design
Teaching Scheme & Examination Pattern

Semester - 1

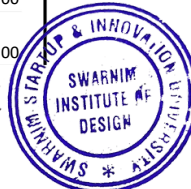
Sr. No.	Subject Code	Subject Name		Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	DFD240101	Foundation Studio		8	0	0	16	8	0	0	50	25	0	0	50	25	100
2	DFD240102	Design Communication		2	1	0	2	2	0	0	50	25	0	0	50	25	100
3	DFD240103	Appreciation of art		4	2	0	4	4	0	0	50	25	0	0	50	25	100
4	DFD240104	Basics of dyeing and printing		2	0	0	4	2	0	0	50	25	0	0	50	25	100
5	DFD240105	Fabric study		2	1	0	2	2	25	0	25	25	25	0	25	25	100
6	12200001	Orientation program in start-up and entrepreneurship		2	2	0	0	2	50	0	0	0	50	0	0	25	100
Total				20	6	0	28	20	75	0	225	125	75	0	225	150	600

Semester - 2

Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	DFD240201	Fashion Drawing and Illustration - I	2	0	0	4	2	0	0	50	25	0	0	50	25	100
2	DFD240202	Pattern Making- I	2	0	0	4	2	0	0	50	25	0	0	50	25	100
3	DFD240203	Digital design -1	2	0	0	4	2	0	0	50	25	0	0	50	25	100
4	DFD240204	Garment Construction - I	4	0	0	8	4	0	0	50	25	0	0	50	25	100
5	DFD240205	Surface Techniques - I	2	0	0	4	2	0	0	50	25	0	0	50	25	100
6	DFD240206	Apparel marketing and retail	2	2	0	0	2	50	0	0	25	50	0	0	25	100
7	DFD240207	History of Design - I	2	2	0	0	2	50	0	0	25	50	0	0	25	100
8	12200002	Basic programme in entrepreneurship	2	2	0	0	2	50	0	0	25	50	25	0	25	100
Total			18	6	0	24	18	150	0	250	200	150	25	250	200	800

Sr. No.	Subject Code	Subject Name		Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	DFD240301	Introduction to Design (DCC)		2	2	0	0	2	50	0	0	25	50	0	0	25	100
2	DFD240302	Fashion Drawing and Illustration - II		2	0	0	4	2	0	0	50	25	0	0	50	25	100

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3	DFD240303	Garment Construction - II		4	0	0	8	4	0	0	50	25	0	0	50	25	100
4	DFD240304	Pattern Making - II		2	0	0	4	2	0	0	50	25	0	0	50	25	100
5	DFD240305	Draping - I		2	0	0	4	2	0	0	50	25	0	0	50	25	100
6	DFD240306	Surface Techniques - II		2	0	0	4	2	0	0	50	25	0	0	50	25	100
7	DFD240307	Fashion Theory and Overview (looks and styling)		2	1	0	2	2	0	0	50	25	0	0	50	25	100
8	12200003	Foundation programme in Entrepreneurship		2	1	1	0	2	25	25	0	25	25	25	0	25	100
Total				18	4	1	26	18	75	25	300	200	75	25	300	200	800

Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	DFD240401	Fashion Drawing and Illustration - III	2	0	0	4	2	0	0	50	25	0	0	50	25	100
2	DFD240402	Pattern Making - III	2	0	0	4	2	0	0	50	25	0	0	50	25	100
3	DFD240403	Draping - II	2	0	0	4	2	0	0	50	25	0	0	50	25	100
4	DFD240404	Garment Construction - III	2	0	0	4	2	0	0	50	25	0	0	50	25	100
5	DFD240405	Surface Techniques - III	2	0	0	4	2	0	0	50	25	0	0	50	25	100
6	DFD240406	Design Process - I	4	0	0	8	4	0	0	50	25	0	0	50	25	100
7	DFD240407	History of Design - II	2	2	0	0	2	50	0	0	25	50	0	0	25	100
8	DFD240408	Digital Design - II	2	0	0	4	2	0	0	50	25	0	0	50	25	100
9	12200004	Intermediate Programme in Entrepreneurship	2	1	1	0	2	25	25	0	25	25	25	0	25	100
Total			18	3	1	32	20	75	25	350	225	75	25	350	225	900

Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	DFD240501	Fashion Drawing and Illustration - IV	2	0	0	4	2	0	0	50	25	0	0	50	25	100
2	DFD240502	Pattern Making - IV	2	0	0	4	2	0	0	50	25	0	0	50	25	100
3	DFD240503	Draping - III	2	0	0	4	2	0	0	50	25	0	0	50	25	100
4	DFD240504	Garment Construction - IV	2	0	0	4	2	0	0	50	25	0	0	50	25	100
5	DFD240505	Surface Techniques - IV	2	0	0	4	2	0	0	50	25	0	0	50	25	100
6	DFD240506	Design Process - II	4	0	0	8	4	0	0	50	25	0	0	50	25	100
7	DFD240507	History of Design - III	2	2	0	0	2	50	0	0	0	50	0	0	0	100
8	DFD240508	Digital Design - III	2	0	0	4	2	0	0	50	25	0	0	50	25	100
9	12200005	Advance programme in entrepreneurship	2	1	1	0	2	25	25	0	0	25	25	0	0	100
Total			20	3	1	32	20	75	25	350	175	75	25	350	175	900

Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week				Examination Pattern								Total
				Theoretical	Tutorial	Practical	Total	Internal				External				
								Theoretical	Passing	Practical	Passing	Theoretical	Passing	Practical	Passing	
1	DFD240601	Fashion Drawing and Illustration - V	2	0	0	4	2	0	0	50	25	0	0	50	25	100
2	DFD240602	Pattern Making - V	2	0	0	4	2	0	0	50	25	0	0	50	25	100
3	DFD240603	Draping - IV	2	0	0	4	2	0	0	50	25	0	0	50	25	100
4	DFD240604	Garment Construction - V	2	0	0	4	2	0	0	50	25	0	0	50	25	100
5	DFD240605	Surface Techniques - V	2	0	0	4	2	0	0	50	25	0	0	50	25	100
6	DFD240606	Design Process - III	4	0	0	8	4	0	0	50	25	0	0	50	25	100
7	DFD240607	History of Design - IV	2	2	0	0	2	50	0	0	25	50	0	0	25	100
8	DFD240608	Digital Design - IV	2	0	0	4	2	0	0	50	25	0	0	50	25	100
9	12200006	Startup project	2	1	1	0	2	25	25	0	25	25	25	0	25	100
Total			20	3	1	32	20	75	25	350	225	75	25	350	225	900

Sanjay Chatterjee



SWARNIM INSTITUTE OF DESIGNS
Bachelor of Fashion Design
Teaching Scheme & Examination Pattern

Semester - 1

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33000001	Foundation Studio	JURY	16	0	8	8	16	0	0	50	25	0	0	50	25	100
2	33000002	Design Communication		2	1	0	1	2	0	0	50	25	0	0	50	20	100
3	33000003	Design Appreciation		10	2	0	8	10	0	0	50	25	0	0	50	100	100
4	23000007	Introduction to Entrepreneurship		2.5	2	0	0	2	50	25	-	-	50	25	-	-	100
Total				30.5	5	8	17	30	50	25	150	75	50	25	150	145	400

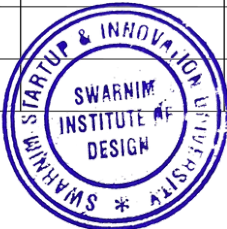
Semester - 2

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33050201	Fashion Drawing and Illustration - I		6	0	0	6	6	0	0	50	25	0	0	50	25	100
2	33050202	Pattern Making- I		6	0	0	6	6	0	0	50	25	0	0	50	25	100
3	33050203	Draping -I		4	0	0	4	4	0	0	50	25	0	0	50	25	100
4	33050204	Garment Construction - I		4	0	0	4	4	0	0	50	25	0	0	50	25	100
5	33050205	Surface Techniques - I		4	0	0	4	4	0	0	50	25	0	0	50	25	100
6	33050206	Fabric Study		2	2	0	0	2	50	0	0	25	50	0	0	25	100
7	33050207	History of Design - I		2	1	0	1	2	0	0	50	25	0	0	50	25	100
8	23000013	Preparing Wider Horizon for Entrepreneurship		2.5	2	0	0	2	50	25	-	-	50	25	-	-	100
Total				30.5	5	0	25	30	100	25	300	175	100	25	300	175	800

Semester - 3

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33050301	Introduction to Design (DCC)		2	2	0	0	2	50	0	0	25	50	0	0	25	100
2	33050302	Fashion Drawing and Illustration - II		4	0	0	4	4	0	0	50	25	0	0	50	25	100
3	33050303	Garment Construction - II		4	0	0	4	4	0	0	50	25	0	0	50	25	100
4	33050304	Pattern Making - II		6	0	0	6	6	0	0	50	25	0	0	50	25	100
5	33050305	Draping - II		2	0	0	2	2	0	0	50	25	0	0	50	25	100
6	33050306	Surface Techniques - II		6	0	0	6	6	0	0	50	25	0	0	50	25	100

Sanjay Chatterjee



SWARNIM INSTITUTE OF DESIGNS
Bachelor of Fashion Design
Teaching Scheme & Examination Pattern

7	33050307	Fashion Theory and Overview (looks and styling)		4	2	0	2	4	0	0	50	25	0	0	50	25	100
8	23000014	Entrepreneurial Motivation		2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total				30.5	6	1	24	31	50	0	350	200	50	0	350	200	800

Semester - 4

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33050401	Fashion Drawing and Illustration - III		4	0	0	4	4	0	0	50	25	0	0	50	25	100
2	33050402	Pattern Making - III		4	0	0	4	4	0	0	50	25	0	0	50	25	100
3	33050403	Draping - III		4	0	0	4	4	0	0	50	25	0	0	50	25	100
4	33050404	Garment Construction - III		4	0	0	4	4	0	0	50	25	0	0	50	25	100
5	33050405	Surface Techniques - III		4	0	0	4	4	0	0	50	25	0	0	50	25	100
6	33050406	Design Process - I		4	0	0	4	4	0	0	50	25	0	0	50	25	100
7	33050407	History of Design - II		2	2	0	0	2	0	0	50	25	0	0	50	25	100
8	33050408	Digital Design - I		2	0	0	2	2	0	0	50	25	0	0	50	25	100
9	23000017	Project feasibility and marketing skills		2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total				30.5	4	1	26	31	0	0	450	225	0	0	450	225	900

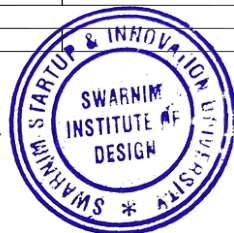
Semester - 5

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33050501	Fashion Drawing and Illustration - IV		4	0	0	4	4	0	0	50	25	0	0	50	25	100
2	33050502	Pattern Making - IV		4	0	0	4	4	0	0	50	25	0	0	50	25	100
3	33050503	Draping - IV		4	0	0	4	4	0	0	50	25	0	0	50	25	100
4	33050504	Garment Construction - IV		4	0	0	4	4	0	0	50	25	0	0	50	25	100
5	33050505	Surface Techniques - IV		4	0	0	4	4	0	0	50	25	0	0	50	25	100
6	33050506	Design Process - II		4	0	0	4	4	0	0	50	25	0	0	50	25	100
7	33050507	History of Design - III		2	2	0	0	2	0	0	50	25	0	0	50	25	100
8	33050508	Digital Design - II		2	0	0	2	2	0	0	50	25	0	0	50	25	100
9	23000020	Scaling up the Venture		2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total				30.5	4	1	26	31	0	0	450	225	0	0	450	225	900

Semester - 6

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33050601	Fashion Drawing and Illustration - V		4	0	0	4	4	0	0	50	25	0	0	50	25	100
2	33050602	Pattern Making - V		4	0	0	4	4	0	0	50	25	0	0	50	25	100
3	33050603	Draping - V		4	0	0	4	4	0	0	50	25	0	0	50	25	100
4	33050604	Garment Construction - V		4	0	0	4	4	0	0	50	25	0	0	50	25	100
5	33050605	Surface Techniques - V		4	0	0	4	4	0	0	50	25	0	0	50	25	100
6	33050606	Design Process - III		4	0	0	4	4	0	0	50	25	0	0	50	25	100
7	33050607	History of Design - IV		2	2	0	0	2	0	0	50	25	0	0	50	25	100
8	33050608	Digital Design - III		2	0	0	2	2	0	0	50	25	0	0	50	25	100
9	23000021	idea to Minimum Viable Product		2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total				30.5	4	1	26	31	0	0	450	225	0	0	450	225	900

Sanjay K. Patil



SWARNIM INSTITUTE OF DESIGNS
Bachelor of Fashion Design
Teaching Scheme & Examination Pattern

Semester - 7

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33050701	Industry Work Culture		2	0	2	2	4	0	0	50	25	0	0	50	25	100
2	33050702	Jeans Culture		4	2	0	2	4	0	0	50	25	0	0	50	25	100
3	33050703	Denim Wear		8	0	2	6	8	0	0	50	25	0	0	50	25	100
4	33050704	Advance Pattern Making		8	0	0	8	8	0	0	50	25	0	0	50	25	100
5	33050705	New-Age illustration (Digital)		4	0	2	2	4	0	0	50	25	0	0	50	25	100
6	33050706	Fashion Sustainability		2	2	0	0	2	0	0	50	25	0	0	50	25	100
		Managing Innovation & IPR for Entrepreneurs											0				
7	23000022			2.5	2	1	0	3	0	0	50	25	0	0	50	25	100
Total				30.5	6	7	20	33	0	0	350	175	0	0	350	175	700

Semester - 8

Sr. No.	Subject Code	Subject Name	JURY	Credit	Teaching Scheme per Week				Examination Pattern								Total
					Theoretical	Tutorial	Practical	Total	Internal				External				
									Theoretical	Tutorials	Practical	Passing	Theoretical	Tutorials	Practical	Passing	
1	33050801	Graduation Project (Internship)		30	0	0	30	30	0	0	50	25	0	0	50	25	100
Total				30	0	0	30	30	0	0	50	25	0	0	50	25	100



AARIHANT INSTITUTE OF NURSING

COURSE OF INSTRUCTION

S. No	Subject	Theory hrs (Class and Lab)	Practical hrs (Clinical)	Total Hours
First Year				
1.	English	60		60
2.	Anatomy	60		60
3.	Physiology	60		60
4.	Nutrition	40+20		60
5.	Biochemistry	30		30
6.	Nursing Foundations	265 + 200	450	915
7.	Psychology	60		60
8.	Microbiology	45+15		60
9.	Introduction to computers	15 + 30		45
10.	Regional Language	30		30
10.	Library Work /Self Study	50		50
11.	Co-curricular activities	50		50
Total Hours		1030	450	1480
Second Year				
1.	Sociology	60		60
2.	Pharmacology	45		45
3.	Pathology	30		30
4.	Genetics	15		15
5.	Medical-Surgical Nursing (Adult including Geriatrics)-I	210	720	930
6.	Community Health Nursing-I	90	135	225
7.	Communication and Educational Technology	60 + 30		90
8.	Library Work / Self Study	50		50
9.	Co-curricular activities	35		35
Total Hours		625	855	1480
Third Year				
1.	Medical Surgical Nursing - II(Adult including Geriatrics)	120	460	580
2.	Child Health Nursing	90	270	360
3.	Mental Health Nursing	90	270	360
4.	Nursing Research & Statistics	45	*	45
5.	Library Work / Self Study	50		50
6.	Co-curricular activities	50		50
Total Hours		445	1000	1445
Fourth Year				
1.	Midwifery and Obstetrical Nursing	90	180	270
2.	Community Health Nursing – II Including the concept of Middle Level Health Provider (MLHP)	90	135	225

P.R. Ghoghar



Madhumali

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3.	Management of Nursing Services and Education	60+30	-	90
	Total Hours	225	315	585

**Project to be carried out during internship*

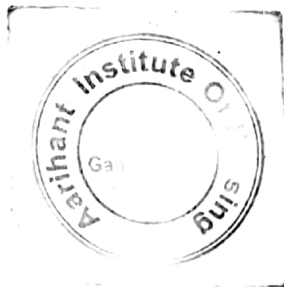
Note: Hours of course instruction can be planned at the institutional level.

P.R. Vaghmare

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Integrated Nursing Training (INTERNSHIP)

S. No	Subject	In weeks	Practical (In hrs)
1.	Midwifery and Obstetrical Nursing	9	432
2.	Community Health Nursing – II	4	192
3.	Medical Surgical Nursing (Adult and Geriatric)	5	240
4.	Child Health Nursing	3	144
5.	Mental Health Nursing	2	96
6.	Research Project*	1	45
Total		24	1149
Total Hours =1149+585=1734			

**project work to be carried out during internship*

Note:

- Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
- Internship should be carried out as 8 hours per day @ 48 hours per week.
- Students during internship will be supervised by nursing teachers.
- Students will be eligible to appear in the fourth year final examination only after completion of Internship (24 weeks).
- On Completion of Internship Internal Assessment out of 100 marks should be sent to the University for inclusion in the mark list

P.R. Ghoghar.
mm
Shrey
Jayesh



Madhumall

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