

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

Pr. Ghosh
Pr. Ghosh
Pr. Ghosh



Madhumati

Principal
Aarihant Institute of Nursing
Bhojan Rathod, Gandhinagar.

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. Gokhale

Shrey

Jayesh

Muthu



Mudhumali

[Signature]
Principal

Aarihant Institute of Nursing
Rhyon Rathod, Gandhinagar.

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.

(Signature)

Jayesh



Madhumall

(Signature)

Aarihan Institute of Nursing
Bhayan Rathod, Gandhinagar

Semester 5 (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		
23040501	Object Oriented Programming with JAVA	6	4	0	4	8	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23040502	Theory of Computation	4	3	1	0	4	30	12	50	25	70	23	-	-	150	
23040503	Information Network & Cyber Security	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
23040504	Web Technology	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
	Major Elective I	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
23000020	Scaling up the Venture	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
	Total	24.5	18	2	10	30	150	60	300	150	350	115	50	25	850	

Subject Code	Major Elective I
23040505	Computer Maintenance and Troubleshooting
23040506	Computer Graphics and Visualization
23040507	Image Processing

Semester 6 (CE)																
Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal				External					
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
23040601	Wireless Network	4	3	0	2	5	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23040602	Compiler Design	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
23040603	Cloud Computing	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
23040604	Data Mining and Warehousing	4	3	0	2	5	30	12	50	25	70	23	-	-	150	
	Major Elective II	5	3	0	4	7	30	12	50	25	70	23	-	-	150	
23000021	IDEA to Minimum Viable Product	2.5	2	1	0	3	-	-	50	25	-	-	50	25	100	
	Total	23.5	17	1	12	30	150	60	300	150	350	115	50	25	850	

Subject Code	Major Elective II
23040605	.NET Technology
23040606	Advance JAVA
23040607	Web Data Management
23040608	Big Data Management

Semester - 5												
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
				Th	Tut	Pr	Total	Internal		External		
								Th	Pr	Th	Pr	
1	23050501	Power Electronics	5	4	0	2	6	30	20	70	30	150
2	23050502	Electrical Power System - I	3	3	0	0	3	30	0	70	0	100
3	23050503	Control System Engineering	5	4	0	2	6	30	20	70	30	150
4	23050504	Elements of Electrical Design	4	3	0	2	5	30	20	70	30	150
5	23050505	Microprocessor and Microcontroller Architechture & Interfacing	5	4	0	2	6	30	20	70	30	150
6	23000020	Scaling up the Venture	2.5	2	0	1	3	0	50	0	50	100
		Total	24.5	20	0	9	29	150	130	350	170	800

Semester - 6												
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination				Total
				Th	Tut	Pr	Total	Internal		External		
								Th	Pr	Th	Pr	
1	23050601	Industrial Automation	5	4	0	2	6	30	20	70	30	150
2	23050602	Electrical Power System - II	3	3	0	0	3	30	0	70	0	100
3	23050603	Design of DC Machines and Transformer	4	3	0	2	5	30	20	70	30	150
4	23050604	High Voltage Engineering	4	3	0	2	5	30	20	70	30	150
5	23050605	Traction	3	3	0	0	3	30	0	70	0	100
6		Department Elective - I	4	3	0	2	5	30	20	70	30	150
7	23000021	From Idea to MVP	2.5	2	0	1	3	0	50	0	50	100
		Total	25.5	21	0	9	30	180	130	420	170	900

	Department Elective - I
23050606	Advace Microcontroller
23050607	Control of Electrical Drives

SWARNIM INSTITUTE OF
TECHNOLOGY

Prof. Rami Kanani
29/6/2020

Prof. V. B. Babaria
HOD (EE)

Prof. V. B. Babaria

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

Semester: 5 (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		
23030501	Highway Engineering	4	3	-	2	5	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23030502	Environmental Engineering	4	3	-	2	5	30	12	50	25	70	23	-	-	150	
23030503	Theory of Structure-II	5	4	1	-	5	30	12	50	25	70	23	-	-	150	
23030504	Geotechnical Engineering	4	3	-	2	5	30	12	50	25	70	23	-	-	150	
23000020	Scaling up the Venture	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100	
23030505	Hydrology and Water Resource Engineering	4	3	1	-	4	30	12	50	25	70	23	-	-	150	
Total		23.5	18	3	6	27	150	60	300	150	350	115	50	25	850	

Semester: 6 (CIVIL Engineering)

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
			Th	Tut	Practical	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
23030601	Water and Waste water Engineering	4	3	-	2	5	30	12	50	25	70	23	-	-	150	INDIVIDUAL PASS IN EACH COMPONENT
23030602	Design of Reinforced Concrete Structure	5	4	1	-	5	30	12	50	25	70	23	-	-	150	
23030603	Railway Bridge and Tunnel Engineering	3	3	-	-	3	30	12	50	25	70	23	-	-	150	
23030604	Advanced Construction Equipment	3	3	-	-	3	30	12	50	25	70	23	-	-	150	
23000021	From Idea to MVP	2.5	2	1	-	3	-	-	50	25	-	-	50	25	100	
23030605	Professional Practice and Valuation	4	3	1	-	4	30	12	50	25	70	23	-	-	150	
Total		21.5	18	3	2	23	150	60	300	150	350	115	50	25	850	

Dr. M.N. Patel

Prof. Mani Prajapati

SWARNIM INSTITUTE OF
TECHNOLOGY

Dr. M.N. PATEL

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

Bachelor of Engineering (B.Tech)

Department of Automobile Engineering

Semester I-VIII Teaching Scheme and Examination Scheme

Semester 5 (AUTO)											
Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Fluid Mechanics	5	4	-	2	6	30	50	70	-	150
2	Heat Transfer	4	3	-	2	5	30	50	70		150
3	Automobile Systems	4	3	-	2	5	30	50	70		150
4	Automobile Engines	4	3	-	2	5	30	50	70	-	150
5	Automotive Electrical Systems	4	3	-	2	5	30	50	70	-	150
6	Automobile Chassis & Body Engineering	3	3	-	-	3	30	-	70	-	100
7	Subject rom School of IE	2.5	2	1	-	3	20	30	20	30	100
	Total	26.5	21	1	10	32	200	280	440	30	950

Semester 6 (AUTO)											
Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Modern Quality Techniques	4	3	-	2	5	30	50	70		150
2	Dynamics of Machinery	5	3	-	2	5	30	50	70	-	150
3	Alternative fuel and power systems	4	3	-	2	5	30	50	70	-	150
4	Hybrid Vehicle Technology	4	3	-	2	5	30	50	70		150
5	Departmental Electives - I	4	3	-	2	3	30	50	70		150
6	Special purpose vehicles	3	3	-	-	3	30	50	70		150
7	Subject from School of IE	2.5	2	1	-	3	20	30	20	30	100
	Total	26.5	20	1	10	29	200	330	440	30	1000

Departmental Electives - I	
	Vehicle maintenance & Garage practice
	Automobile Tribology

Amr
15-07-2019

SWARNIM INSTITUTE OF
TECHNOLOGY

Bachelor of Engineering (B.E.)
Department of Information & Technology

Semester 3 (IT)

Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Maths-III	5	3	2	-	5	30	50	70	-	150
2	Digital Electronics	4	3	-	2	5	30	50	70	-	150
3	Data Structure And Algorithm	4	3	-	2	5	30	50	70	-	150
4	Database Management System	5	3	-	4	7	30	50	70	-	150
5	Computer Network	4	3	-	2	5	30	50	70	-	150
6	Subject from School of IE	2.5	2	1	-	3	-	50	-	50	100
	Total	24.5	17	3	10	30	150	300	350	50	850

Semester 4 (IT)

Semester 4 (IT)												
Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total	
			Th	Tut	Practical	Total	Internal		External			
							Th	Pr	Th	Pr		
		5	3	2	-	5	30	50	70	-	150	
1	Maths-IV	4	3	-	2	5	30	50	70	-	150	
2	Operating System	5	3	-	4	7	30	50	70	-	150	
3	Object Oriented Programming with C++	4	3	-	2	5	30	50	70	-	150	
4	Computer Organization and MicroProcessor	4	3	-	2	5	30	50	70	-	150	
5	Web Technology	2.5	2	1	-	3	-	50	-	50	100	
6	Subject from School of IE	Total	24.5	17	3	10	30	150	300	350	50	850

Semester 5 (IT)

Semester 5(IT)		Credit	Teaching scheme per week				Examination				Total
Sr. No.	Subject Name		Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
					4	8	30	50	70	-	150
1	Object Oriented Programming with JAVA	6	4	-	4	8	30	50	70	-	150
2	Computer Graphics and Visualization	4	3	-	2	5	30	50	70	-	150
3	Information Network & Cyber Security	4	3	-	2	5	30	50	70	-	150
4	IT Industry Management with ERP	3	2	-	2	4	30	50	70	-	150
5	Major Elective I	4	3	-	2	5	30	50	70	-	150
6	Subject from School of IE	2.5	2	1	-	3	-	50	-	50	100
Total		23.5	17	1	12	30	150	300	350	50	850

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

SWARNIM STARTUP AND INNOVATION UNIVERSITY

Teaching Syllabus & Examination Pattern BE 5th semester

Semester V

Sr. No.	Subject Code	Subject Name	Teaching Scheme(Hours)			Total	Credits	University Exam (Theory) (E)	Continuous Evaluation Process (M)	Practical (I)	Total Marks	Branch Code
			Theory	Tutorial	Practical							
1		IE	2	1	0	3	2.5	70	30	0	100	5
2		Mass Transfer Operation – I	3	0	2	5	4	70	30	50	150	5
3		Mechanical Operation	3	0	2	5	4	70	30	50	150	5
4		Chemical Engineering Thermodynamics-II	3	1	0	4	3.5	70	30	50	150	5
5		Instrumentation & Process Control	3	0	2	5	4	70	30	50	150	5
6		Fundamentals of Chemical Engineering Unit Operations(Institute Elective - II)	3	0	2	5	4	70	30	50	150	5
		TOTAL	17	2	08	27	22					

SWARNIM STARTUP AND INNOVATION UNIVERSITY

Teaching Syllabus & Examination Pattern BE 6th semester

Sr. No	Subject Code	Subject Name	Teaching Scheme(Hours)			Total	Credits	University Exam (Theory) (E)	Continuous Evaluation Process (M)	Practical (I)	Total Marks	Branch Code
			Theory	Tutorial	Practical							
1		IE	2	1	0	3	2.5	70	30	0	100	5
2		Mass Transfer Operation – II	3	0	2	5	4	70	30	50	150	5
3		Process equipment design – I	3	0	2	5	4	70	30	50	150	5
4		Pollution control & safety management	3	0	0	3	3	70	30	50	150	5
5		Chemical Reaction Engineering - I	3	0	2	5	4	70	30	50	150	5
6		Advanced Separation techniques	3	0	2	5	4	70	30	50	150	5
7		Biochemical engineering	2	0	2	4	3	70	30	50	150	5
		TOTAL	19	1	10	30	24.5					

Sandip
Sinha

[Signature]

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

SEM-V												
Sr No.	Subject Code	Subject name	Teaching Scheme (Hours)					Examination				Total Marks
			Th	Tu	Pr	Total	Credits	Internal		External		
								Th	Pr	Th	Pr	
1	2410501	Advanced Environmental Instrumentation	3	0	4	7	5	30	50	70	-	150
2	2410502	Physico - Chemical Treatment Technologies	4	0	2	6	5	30	20	70	30	150
3	2410503	Municipal And Industrial Solid Waste Management	3	2	0	5	4	30	20	70	30	150
4	2410504	Municipal Engineering	4	2	0	6	5	30	20	70	30	150
5		Institute Elective	3	0	0	3	3	30	20	70	30	150
6	12300005	Intellectual Property Rights	3	0	0	3	3	50	0	50	0	100
Total			20	4	6	30	25	200	130	400	120	850

Subject Code	Institute Elective
2410505	Cyber Security
2410506	Disaster Management

B.B. Patel

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

SEM-VI													
Sr No.	Subject Code	Subject name	Teaching Scheme (Hours)					Examination				Total Marks	
			Th	Tu	Pr	Total	Credits	Internal		External			
								Th	Pr	Th	Pr		
1	2410601	Biological Processes For Wastewater Treatment	4	2	0	6	5	30	50	70	-	150	
2	2410602	Design Of Water Treatment Units	4	2	0	6	5	30	20	70	30	150	
3	2410603	Fundamentals of Air Pollution	3	0	2	5	4	30	20	70	30	150	
4	2410604	Environmental Resources	3	2	0	5	4	30	20	70	30	150	
5		Institute Elective	3	2	0	5	4	30	20	70	30	150	
6	12300006	Expert Program in Entrepreneurship	3	0	0	3	3	50	0	50	0	100	
Total			20	8	2	30	25	200	130	400	120	850	

Subject Code	Institute Elective
2410605	Ground Water Contamination
2410606	Estimating, Specifications & Project Management

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 I-VIII Teaching Scheme and Examination Scheme

Semester 5 (MECH)

Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Fluid Mechanics	5	4	-	2	6	30	50	70		150
2	Design of Machine Elements	4	3	-	2	5	30	50	70		150
3	Heat Transfer	4	3	-	2	5	30	50	70		150
4	Theory of Machies	4	3	-	2	5	30	50	70		150
5	Control Engineering	4	4	-	-	4	30	50	70		150
6	Case Study	1	-	-	2	2	-	50	-	100	150
7	Subject rom School of IE	2.5	2	1	-	3	20	30	20	30	100
	Total	24.5	19	1	10	30	170	330	370	130	1000

Semester 6 (MECH)

Sr. No.	Subject Name	Credit	Teaching scheme per week				Examination				Total
			Th	Tut	Practical	Total	Internal		External		
							Th	Pr	Th	Pr	
1	Dynamics of Machinery	4	3	-	2	5	30	50	70		150
2	Fluid Power Engineering	4	3	-	2	5	30	50	70		150
3	Production Technology	4	3	-	2	5	30	50	70		150
4	Refrigeration and Airconditioning	4	3	-	2	5	30	50	70		150
5	Industrial Engineering	2	2	-	-	2	30	-	70	-	100
6	Departmental Elective - I	4	3	-	2	5	30	50	70		150
7	Seminar	1	-	-	-	0	-	-	-	50	50
8	Subject from School of IE	2.5	2	1	-	3	20	30	20	30	100
	Total	24.5	19	1	10	30	200	280	440	80	1000

Departmental Electives - I

	Internal Combustion Engines
	Oil Hydraulics & Pneumatics

A.S.S.

SWARNIM INSTITUTE OF
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SWARRNIM STARTUP & INNOVATION UNIVERSITY

SWARRNIM INSTITUTE OF TECHNOLOGY

B. Tech. Computer Engineering (Artificial Intelligence)

Department of Computer Engineering

Semester V Teaching Scheme and Examination Scheme

Semester: 5		Credit	Teaching scheme per week				Examination								PASSING	Total	REMARKS
Subject Code	Subject Name		Th	Tut	Practical	Total	Internal				External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr				
	Digital Image Processing	3	2	0	2	4	30	12	0	0	70	23	0	-	100	INDIVIDUAL PASS IN EACH COMPONENT	
	Machine Learning	4	3	0	2	5	30	12	50	25	70	23	0	-	150		
	Professional Elective - I	3	2	0	2	4	30	12	50	25	70	23	0	-	150		
	Professional Elective - II	3	3	0	0	3	30	12	0	0	70	23	0	-	100		
	Open Elective-I	3	3	0	0	3	30	12	50	25	70	23	0	-	150		
	Soft Skills and Aptitude - II	1	0	0	2	3	0	0	50	25	0	0	0	-	50		
	Viva Industrial Training / In-house Workshop	2	0	0	0	2	0	0	100	50	0	0	0	-	100		
	Project - I	2	0	0	2+2*	2	0	0	50	25	0	50	25	-	100		
Total		21	13	0	10	26	210	60	200	175	490	165	0	0	900		

Subject Code	Open Elective I
	NoSQL Databases
	Data Visualization

Subject Code	Professional Elective I
	Sensor Technology
	Data Analytics using SQL

Subject Code	Professional Elective II
	Fuzzy Logic and Applications
	Genetic Algorithms

for
10/9/21

SWARRNIM STARTUP & INNOVATION UNIVERSITY

SWARRNIM INSTITUTE OF TECHNOLOGY

B. Tech. Computer Engineering (Artificial Intelligence)

Department of Computer Engineering

Semester VI Teaching Scheme and Examination Scheme

Semester: 6		Credit	Teaching scheme per week				Examination								PASSING	Total	REMARKS
Subject Code	Subject Name		Th	Tut	Practical	Total	Internal				External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr				
	Deep Learning	3	2	0	2	4	30	12	50	25	70	23	0	0	150	INDIVIDUAL PASS IN EACH COMPONENT	
	Advanced Machine Learning	4	3	0	2	5	30	12	50	25	70	23	0	0	150		
	Professional Elective – III	3	2	0	2	4	30	12	50	25	70	23	0	0	150		
	Professional Elective - IV	3	3	0	0	3	30	12	50	25	70	23	0	0	150		
	Open Elective-II	3	3	0	0	3	30	12	0	0	70	23	0	0	100		
	Personality Development Lab	1	0	0	2	3	0	-	50	25	0	0	0	0	50		
	Industrial Training / In-house Workshop	2	0	0	0	0	0	0	100	50	0	0	0	0	100		
	Project-II	2	0	0	2+2*	2	0	0	50	25	0	0	50	25	100		
Total		21	13	0	10	24	150	60	400	200	350	115	0	25	950		

Subject Code	Open Elective II
	Big Data Analytics
	Blockchain Fundamentals

Subject Code	Professional Elective III
	Natural Language Processing
	Cloud Web Services

Subject Code	Professional Elective IV
	Computer Vision
	AI Platforms

for,
15/9/21

SWARRNIM STARTUP & INNOVATION UNIVERSITY

SWARRNIM INSTITUTE OF TECHNOLOGY

B. Tech. Computer Engineering (Cloud Technology and Information Security)

Department of Computer Engineering

Semester V Teaching Scheme and Examination Scheme

Semester: 5		Credit	Teaching scheme per week				Examination							PASSING	Total	REMARKS
Subject Code	Subject Name		Th	Tut	Practical	Total	Internal				External					
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr			
	Soft skills and Aptitude-II	1		-	2	1	0	0	50	25	0	0	0	-	50	INDIVIDUAL PASS IN EACH COMPONENT
	Design and Analysis of Algorithms	4	3	-	2	5	30	12	50	25	70	23	0	-	150	
	Ethical Hacking	3	2	-	2	4	30	12	50	25	70	23	0	-	150	
	Professional Elective-I	3	2	-	2	4	30	12	50	25	70	23	0	-	150	
	Professional Elective-II	3	3	-	-	3	30	12	0	0	70	23	0	-	100	
	Open Elective-I	3	3	-	-	3	30	12	0	0	70	23	0	-	100	
	Viva Industrial Training / In-house Workshop	2	2	-	-	2	0	0	100	50	0	0	0	-	100	
	Project– I	2	-	-	2+2*	4	0	0	100	50	0	0	0	-	100	
Total		21	15	0	12	26	210	60	200	200	490	115	0	0	900	

Subject Code	Open Elective I
	Android Application Development
	Bitcoin

Subject Code	Professional Elective I
	Principles of Virtualization
	Cloud Computing Solutions

Subject Code	Professional Elective II
	Network Security
	Database Security

for
15/12/19

SWARRNIM STARTUP & INNOVATION UNIVERSITY

SWARRNIM INSTITUTE OF TECHNOLOGY B. Tech. Computer Engineering (Cloud Technology and Information Security) Department of Computer Engineering Semester VI Teaching Scheme and Examination Scheme

Semester: 6		Credit	Teaching scheme per week				Examination								PASSING	Total	REMARKS
Subject Code	Subject Name		Th	Tut	Practical	Total	Internal				External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr				
	Personality Development Lab	1			2	1	0	0	50	25	0	0	0	0	50	INDIVIDUAL PASS IN EACH COMPONENT	
	Cloud web services	4	3	-	2	5	30	12	50	25	70	23	0	0	150		
	Digital Forensic Investigation	3	2	-	2	4	30	12	50	25	70	23	0	0	150		
	Professional Elective-III	3	2	-	2	4	30	12	50	25	70	23	0	0	150		
	Professional Elective-IV	3	3	-	-	3	30	12	0	0	70	23	0	0	100		
	Open Elective-II	3	3	-	-	3	30	12	0	0	70	23	0	0	100		
	Industrial Training / In-house Workshop	2	2	-	-	2	0	0	100	50	0	0	0	0	100		
	Project- II	2	-	-	4	4	0	0	100	50	0	0	0	0	100		
Total		21	15	0	12	26	150	60	400	200	350	115	0	0	900		

Subject Code	Open Elective II
	Introduction to Data Science
	Introduction to Internet of Thing

Subject Code	Professional Elective III
	Defense in Depth
	Linux Security and Forensics

Subject Code	Professional Elective IV
	Storage and Data Centre
	Infrastructure Automation

for,
15/09/24

SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARNIM SCIENCE COLLEGE

B.SC BIOTECHNOLOGY

Teaching scheme & examination pattern

5th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53010501	BIOTECHNOLOGY-501	5	3	-	2	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPO
53010502	BIOTECHNOLOGY-502	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53010503	BIOTECHNOLOGY-503	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53010504	BIOTECHNOLOGY-504	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53000503	ENVIRONMENTAL SCIENCE	2	2	-	12	14	50	20	-	-	50	20	-	-	100	
23000020	SCALING UP THE VENTURE	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	20	37	250		250		250		50		800	

6th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53010601	BIOTECHNOLOGY-601	5	3	-	2	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPO
53010602	BIOTECHNOLOGY-602	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53010603	BIOTECHNOLOGY-603	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53010604	BIOTECHNOLOGY-604	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53000603	ENVIRONMENTAL CONSERVATION AND HAZARD	2	2	-	12	14	50	20	-		50	20	-	-	100	
23000021	From Idea to MVP	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	20	37	250		250		250		50		800	



SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARNIM SCIENCE COLLEGE

B.SC CHEMISTRY

Teaching scheme & examination pattern

5th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53020501	CHEMISTRY-501	5	3	-	2	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPO NENT
53020502	CHEMISTRY-502	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53020503	CHEMISTRY-503	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53020504	CHEMISTRY-504	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53000503	ENVIRONMENTAL SCIENCE	2	2	-	12	14	50	20	-	-	50	20	-	-	100	
23000020	SCALING UP THE VENTURE	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	20	37	250		250		250		50		800	

6th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASING	Pr	PASING	Th	PASING	Pr	PASING		
53020601	CHEMISTRY-601	5	3	-	2	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPO NENT.
53020602	CHEMISTRY-602	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53020603	CHEMISTRY-603	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53020604	CHEMISTRY-604	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53000603	ENVIRONMENTAL CONSERVATION AND HAZARD MANAGEMENT(ECHM)	2	2	-	12	14	50	20	-	-	50	20	-	-	100	
23000021	From Idea to MVP	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	20	37	250		250		250		50		800	



SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARNIM SCIENCE COLLEGE

B.SC MATHEMATICS

Teaching scheme & examination pattern

5th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal				External					
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53030501	MATHEMATICS-501	5	3	2	-	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPON
53030502	MATHEMATICS-502	5	3	2	-	5	50	20	50	20	50	20	-	-	150	
53030503	MATHEMATICS-503	5	3	2	-	5	50	20	50	20	50	20	-	-	150	
53030504	MATHEMATICS-504	5	3	2	-	5	50	20	50	20	50	20	-	-	150	
53000503	ENVIRONMENTAL SCIENCE	2	2	-	12	14	50	20	-		50	20	-	-	100	
23000020	SCALING UP THE VENTURE	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	9	12	37	250		250		250		50		800	

6th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53030601	MATHEMATICS-601	5	3	2	-	5	50	20	50	20	50	20	-	-	210	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPON ENT.
53030602	MATHEMATICS-602	5	3	2	-	5	50	20	50	20	50	20	-	-	210	
53030603	MATHEMATICS-603	5	3	2	-	5	50	20	50	20	50	20	-	-	210	
53030604	MATHEMATICS-604	5	3	2	-	5	50	20	50	20	50	20	-	-	210	
53000603	ENVIRONMENTAL CONSERVATION AND HAZARD MANAGEMENT(ECHM)	2	2	-	12	14	50	20	-	-	50	20	-	-	100	
23000021	From Idea to MVP	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	9	12	37	250		250		250		50		1040	



SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARNIM SCIENCE COLLEGE

B.SC MICROBIOLOGY

Teaching scheme & examination pattern

5th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination							Total Marks	REMARKS	
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th		Pr			
53040501	MICROBIOLOGY-501	5	3	-	2	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPO
53040502	MICROBIOLOGY-502	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53040503	MICROBIOLOGY-503	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53040504	MICROBIOLOGY-504	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53000503	ENVIRONMENTAL SCIENCE	2	2	-	12	14	50	20	-	-	50	20	-	-	100	
23000020	SCALING UP THE VENTURE	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	20	37	250		250		250		50		800	

6th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53040601	MICROBIOLOGY-601	5	3	-	2	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH COMPO
53040602	MICROBIOLOGY-602	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53040603	MICROBIOLOGY-603	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53040604	MICROBIOLOGY-604	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53000603	ENVIRONMENTAL CONSERVATION AND HAZARD	2	2	-	12	14	50	20	-	-	50	20	-	-	100	
23000021	From Idea to MVP	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	20	37	250		250		250		50		800	



SWARNIM STARTUP & INNOVATION UNIVERSITY

SWARNIM SCIENCE COLLEGE

B.SC PHYSICS

Teaching scheme & examination pattern

5th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53050501	PHYSICS-501	5	3	-	2	5	50	20	50	20	50	20	-		150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENTS
53050502	PHYSICS-502	5	3	-	2	5	50	20	50	20	50	20	-		150	
53050503	PHYSICS-503	5	3	-	2	5	50	20	50	20	50	20	-		150	
53050504	PHYSICS-504	5	3	-	2	5	50	20	50	20	50	20	-		150	
53000503	ENVIRONMENTAL SCIENCE	2	2	-	-	2	50	20	-	-	50	20	-	-	100	HAS TO BE PRESENT N EACH COMPONENT.
23000020	SCALING UP THE VENTURE	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	8	25	250		250		250		50		800	

6th Semester

Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total Marks	REMARKS
			Th	Tut	Pr	Total	Internal			External						
							Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
53050601	PHYSICS-601	5	3	-	2	5	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENTS HAS TO BE PRESENT N EACH COMPONENT.
53050602	PHYSICS-602	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53050603	PHYSICS-603	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53050604	PHYSICS-604	5	3	-	2	5	50	20	50	20	50	20	-	-	150	
53000603	ENVIRONMENTAL CONSERVATION AND HAZARD MANAGEMENT(ECHM)	2	2	-	-	2	50	20	-	-	50	20	-	-	100	
23000021	From Idea to MVP	2.5	2	1	-	3	-	-	50	20	-	-	50	20	100	
		24.5	16	1	8	25	250		250		250		50		800	



Swarnim Startup & Innovation University

SWARNIM SCIENCE COLLEGE

Master of Science (M.Sc.) CHEMISTRY

Masters teaching syllabus & examination pattern

Semester 3																	
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
				Th	Tut	Practical	Total	Internal			External						
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
1	56020301	Natural Products & BioMolecules	6	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH
2	56030302	Medicinal Chemistry	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56030303	Organic Spectroscopy	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
4	56030304	Industrial Chemistry	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
5	23000014	ENTREPRENEURIAL MO	2.5	2	1	-	2	-	-	50	20	-	-	50	20	100	
			24	16		8	24	200		250		200				700	

Semester 4																	
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
				Th	Tut	Practical	Total	Internal				External					
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
1	56020401	Advanced Organic Chemistry	6	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH
2	56020402	Advanced Organic Synthesis	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56020403	Bio-Organic Chemistry	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
4	56020404	Selected Topics in Medicinal Chemistry	6	4	-	2	6	50	20	50	20	50	20	-	-	150	
5	23000017	PROJECT FEASIBILITY & MARKETING SKILLS	2.5	2	1	-	-	-	-	50	20	-	-	50	20	100	
		Total	24	16		8	24	200		250		200				700	



Swarnim Startup & Innovation University

SWARNIM SCIENCE COLLEGE

Master of Science (M.Sc.) Microbiology

Masters teaching syllabus & examination pattern

Semester 3																	
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
				Th	Tut	Practical	Total	Internal			External						
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
1	56030301	Microbial Biotechnology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH
2	56030302	Enzymology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56030303	Food & Dairy Microbiology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	
4	56030304	Minor Project/Industrial training	10	-	-	3	3	-	-	200	100	-	-	-	-	200	
5	23000014	ENTREPRENEURIAL MOTIVATION	2.5	2	1	-	2	-	-	50	20	-	-	50	20	100	
		Total	36.5	14		9	21	150		250		150				750	

Semester 4																	
Sr. No.	Subject Code	Subject Name	Credit	Teaching scheme per week				Examination								Total	REMARKS
				Th	Tut	Practical	Total	Internal			External						
								Th	PASSING	Pr	PASSING	Th	PASSING	Pr	PASSING		
1	56030401	Environmental Microbiology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENT S HAS TO BE PRESENT N EACH
2	56030402	r-DNA Technology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56030403	Dissertation	12	-	-	3	3	-	-	300	150	-	-	-	-	300	
4	23000017	PROJECT FEASIBILITY & MARKETING SKILLS	2.5	2	1	-	-	-	-	50	20	-	-	50	20	100	
		Total	30.5	8		7	15	100		250		100				700	



Swarnim Startup & Innovation University

SWARRNIM SCIENCE COLLEGE

Master of Science (M.Sc.) Biotechnology

Masters teaching syllabus & examination pattern

Sr. No.	Semester 3			Credit	Teaching scheme per week				Examination						Total	REMARKS	
	Subject Code	Subject Name	Th		Tut	Practical	Total	Internal			External						
								Th		Pr		Th		Pr			
1	56010301	Microbial Biotechnology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	PASSING MARKS IS 60 FROM 150 & 40 FROM 100. BUT STUDENTS HAS TO BE PRESENT N EACH COMPONENT
2	56010302	Enzymology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	
3	56010303	Immunology	8	4	-	2	6	50	20	50	20	50	20	-	-	150	
4	56010304	Minor Project/Industrial training	10	-	-	2	2	-	-	200	100	-	-	-	-	200	
5	23000014	ENTREPRENEURIAL MOTIVATION	2.5	2	1	-	2	-	-	50	20	-	-	50	20	100	
		Total	36.5	14		8	20	150		250		150				750	

Sr. No.	Semester 4			Teaching scheme per week				Examination							Total	REMARKS
	Subject Code	Subject Name	Credit					Internal			External					
				Th	Tut	Practical	Total				Th	PASSING	Pr	PASSING		
				1	56010401	Plant Biotechnology	8	4	-	2	6	50	20	50	20	
2	56010402	Environmental Biotechnology	8	4	-	2	6	50	20	50	20	50	20	-	-	150
3	56030403	Dissertation	12	-	-	3	3	-	-	300	150	-	-	-	-	300
4	23000017	PROJECT FEASIBILITY & MARKETING SKILLS	2.5	2	1	-	-	-	-	50	20	-	-	50	20	100
		Total	30.5	10		7	15	100		250		100		60		700





BACHELOR OF HOMOEOPATHIC MEDICINE & SURGERY
[B.H.M.S.]

PROGRAMME CODE- 7

2019-20 / TEACHING SCHEME

IIIRD BHMS PROGRAMME [CCH]

NAME OF COURSE	THEORY HOURS	PRACTICAL/CLINICAL HOURS
SURGERY	150	75
OBTETRICS & GYNECOLOGY	150	75
HOMOEOPATHIC MATERIA MEDICA	100	75
ORGANON OF MEDICINE	100	75
HOMOEOPATHIC REPERTORY	50	25
COMMUNITY MEDICINE	35	15
PRACTICE OF MEDICINE	75	75

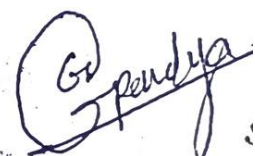

Principal



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

BAMS 1st Professional

Sr. no.	Subject name	Papers	Theory marks	Practical	Total	Teaching hours
1.	Padarth Vigyan evam Ayurved Itihas	2	200 (100 each)	-	200	150 hours
2.	Sanskrit	1	100	-	100	90
3.	Kriya Sharir	2	200 (100 each)	100	300	180 + 180
4.	Rachna Sharir	2	200 (100 each)	100	300	180 + 180
5.	Maulik Siddhant evum Ashtang Hriday	1	100	-	100	120


Principal
Aarihant Ayurvedic Medical
College and Research Institute



School of Design
Bachelors in Interior Design
Teaching Scheme & Examination Pattern

Semester - 1

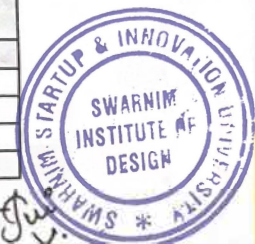
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1	33040101	Design Studio-I	12	-	12	12	-	200	-	50	250
2	33040102	Basic Of Design	8	-	6	6	-	100	-	50	150
3	33040103	Humanities	2	3	-	3	30	-	20	-	50
4	33040104	Building Materials & Construction-I	4	3	-	3	30	-	20	-	50
5	33040105	Geometry	2	3	-	3	30	-	20	-	50
6	33040106	Introduction to Entrepreneurship	2	2	-	2	30	-	20	-	50
Total			30	11	18	29	120	300	80	100	600

Semester - 2

Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1	33040201	Design Studio-II	12	-	12	12	-	200	-	50	250
2	33040202	Furniture Design-I	8	1	5	6	-	100	-	50	150
3	33040203	History-I	2	2	-	2	30	-	20	-	50
4	33040204	Building Materials & Construction-II	4	3	-	3	30	-	20	-	50
5	33040205	Technical Representation Drawing	2	3	-	3	30	-	20	-	50
6	33040206	Introduction to Innovation & Ideation	2	3	-	3	30	-	20	-	50
Total			30	12	17	29	120	300	80	100	600

Semester - 3

Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1	33040301	Design Studio-III	12	-	9	9	-	200	-	50	250
2	33040302	Furniture Design-II	4	1	5	6	-	30	-	20	50
3	33040303	Light Design-I	4	2	-	2	-	30	-	20	50
4	33040304	History-II	2	2	-	2	30	-	20	-	50



5	33040305	Building Materials & Construction-III	2	1	1	2	30	-	20	-	50
6	33040306	Services-I	2	3	-	3	30	-	20	-	50
7	33040307	Structure	2	1	2	3	30	-	20	-	50
8	33040308	Business Model (Plan & Execution)	2	2	-	2	30	-	20	-	50
Total			30	12	17	29	150	260	100	90	600

Semester - 4

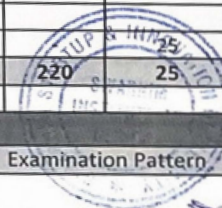
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1	33040401	Design Studio-IV ✓	10	-	12	12	-	200	-	50	250
2	33040402	Light Design-II ✓	4	2	-	2	-	30	-	20	50
3	33040403	Soundscaping-I	5	-	3	3	-	30	-	20	50
4	33040404	Building Materials & Construction-IV ✓	2	1	2	3	30	-	20	-	50
5	33040405	Services-II ✓	2	2	-	2	30	-	20	-	50
6	33040406	Basic Auto Cad	2	-	3	3	30	-	20	-	50
7	33040407	Climatology ✓	3	2	-	2	30	-	20	-	50
8	33040408	New Venture Creation ✓	2	2	-	2	25	-	25	-	50
Total			30	9	20	29	145	260	105	90	600

Semester - 5

Semester - 5											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1	33040501	Design Studio-V	8	-	12	12	-	60	-	40	100
2	33040502	Soundscaping-II	4	1	1	2	25	25	-	50	100
3	33040503	Aromachology-I	4	1	1	2	-	60	-	40	100
4	33040504	Landscaping	2	1	1	2	25	25	-	50	100
5	33040505	Indoor Air Quality	2	1	1	2	25	25	-	50	100
6	33040506	Internet Of Things	2	-	2	2	-	25	-	25	50
7	33040507	Advance Auto Cad	4	1	2	3					
8	33040508	Thepyr of Design	2	2	-	2					
9	33040509	Scaling up the Venture	2	2	-	2	25			-	50
Total			30	9	20	29	100	220	25	255	600

Semester - 6

Semester - 6									
Teaching Scheme per Week				Examination Pattern					



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Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Internal		External		Total
				Theoretical	Practical	Total	Theoretical	Practical	Theoretical	Practical	
1	33040601	Design Studio-VI	10	-	12	12	-	150	-	50	200
2	33040602	Aromachology-II	3	1	1	2	-	30	-	20	50
3	33040603	Heritage And Conservation	3	3	-	3	30	-	20	-	50
4	33040604	Professional Practice	3	3	-	3	30	-	20	-	50
5	33040605	Specification & Estimation	2	2	-	2	-	30	-	20	50
6	33040606	Parametric Design	3	2	-	2	30	20	20	30	100
7	33040607	Final Project Orientation	4	1	2	3	30	-	20	-	50
8	33040608	Growth & Expansion of the Venture	2	2	-	2	25	-	25	-	50
Total			30	14	15	29	145	230	105	120	600

Semester - 7											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Office Training	30	-	12	12	-	-	-	600	600
Total			30	0	12	12	0	0	0	600	600
Semester - 8											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Thesis	30	-	29	29	150	50	300	100	600
Total			30	0	29	29	150	50	300	100	600



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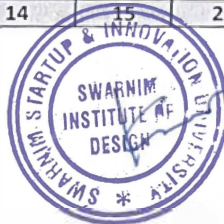
School of Design
Bachelors in Architecture
First year Teaching Scheme & Examination Pattern

Semester - 1											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1	33010101	Basics of Design - I	9	-	12	12	-	120	-	80	200
2	33010102	Material & Construction - I	9	2	6	8	40	40	120	-	200
3	33010103	Workshop - I	9	-	6	6	-	50	-	50	100
4	23000007	Introduction to Entrepreneurship	3	3	-	3	50	-	50	-	100
Total			30	5	24	29	90	210	170	130	600

Semester - 2											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1	33010201	Architecture Design - I	12	-	12	12	-	60	-	40	100
2	33010202	Building Material & Construction - II	6	2	4	6	30	30	40	-	100
3	33010203	Architectural Graphic Techniques - I	6	2	4	6	30	30	40	-	100
4	33010204	Humanities - I	2	2	-	2	50	-	50	-	100
5	33010205	Structure - I	2	1	-	1	50	-	50	-	100
6	23000013	Introduction to Innovation & Ideation	2	2	-	2	50	-	50	-	100
Total			30	9	20	29	210	120	230	40	600

Semester - 3											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Architecture Design - I	12	-	12	12	-	60	-	40	100
2		Building Material & Construction - III	6	3	3	6	40	-	60	-	100
3		History of Architecture - I	3	2	-	2	50	-	50	-	100
4		Environment Science & Services	3	2	-	2	40	-	60	-	100
5		Structure - III	2	1	-	1	25	-	25	-	50
6		Computer Applications - I	2	3	-	3	25	-	25	-	50
7		Business Model (Plan & Execution)	2	3	-	3	50	-	50	-	100
Total			30	14	15	29	230	60	270	40	600

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Semester - 4											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Architecture Design - II	12	-	12	12	-	60	-	40	100
2		Building Material & Construction - IV	6	3	3	6	40	-	60	-	100
3		History of Architecture - II	3	2	-	2	50	-	50	-	100
4		Environment Science & Services - II	3	2	-	2	40	-	60	-	100
5		Structure - IV	2	1	-	1	25	-	25	-	50
6		Computer Applications - II	2	3	-	3	25	-	25	-	50
7		New Venture Creation	2	3	-	3	50	-	50	-	100
Total			30	14	15	29	230	60	270	40	600

Semester - 5											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Architecture Design - III	12	-	12	12	-	60	-	40	100
2		Building Material & Construction - V	6	3	3	6	40	-	60	-	100
3		History of Architecture - III	3	2	-	2	50	-	50	-	100
4		Environment Science & Services - III	3	2	-	2	40	-	60	-	100
5		Structure - V	2	1	-	1	25	-	25	-	50
6		Computer Applications - III	2	3	-	3	25	-	25	-	50
7		Scaling Up the Venture	2	3	-	3	50	-	50	-	100
Total			30	14	15	29	230	60	270	40	600

Semester - 6											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Architecture Design - IV	12	-	12	12	-	60	-	40	100
2		Building Material & Construction - VI	6	3	3	6	40	-	60	-	100
3		History of Architecture - IV	4	3	-	3	50	-	50	-	100
4		Environment Science & Services - IV	4	3	-	3	40	-	60	-	100
5		Structure - VI	2	2	-	2	50	-	50	-	100
6		Growth & Expansion of the Venture	2	3	-	3	50	-	50	-	100
Total			30	14	15	29	230	60	270	40	600

4/2/19

Semester - 7											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Professional Training	30	-	30	30	-	-	-	600	600
Total			30	0	30	30	0	0	0	600	600

Semester - 8											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Architecture Design - V	12	-	12	12	-	60	-	40	100
2		Building Material & Construction - VII	6	3	3	6	40	-	60	-	100
3		Professional Practice - I	3	3	-	3	40	-	60	-	100
4		Building Economics - I	3	3	-	3	40	-	60	-	100
5		Critical Thinking & Research Methodology - I	3	3	-	3	40	-	60	-	100
6		Political Economy & Sociology (Housing) - I	3	2	-	3	40	-	60	-	100
Total			30	14	15	30	200	60	300	40	600

Semester - 9											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Architecture Design - VI	12	-	12	12	-	60	-	40	100
2		Building Material & Construction - VIII	6	3	3	6	40	-	60	-	100
3		Professional Practice - II	3	3	-	3	40	-	60	-	100
4		Building Economics - II	3	3	-	3	40	-	60	-	100
5		Critical Thinking & Research Methodology - II	3	3	-	3	40	-	60	-	100
6		Political Economy & Sociology (Urban) - II	3	2	-	3	40	-	60	-	100
Total			30	14	15	30	200	60	300	40	600

Semester - 10											
Sr. No.	Subject Code	Subject Name	Credit	Teaching Scheme per Week			Examination Pattern				Total
				Theoretical	Practical	Total	Internal		External		
							Theoretical	Practical	Theoretical	Practical	
1		Desertation (Research & Design)	25	-	25	25	-	300	-	200	500
2		Critical Thinking & Research Methodology - II	5	4	-	5	60	-	40	-	100
Total			30	4	25	30	60	300	40	200	600

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4/2/19

