

GENERAL SLOT PATTERN

Day	8:30 – 9:20	9:30 – 10:20	10:30 – 11:20	11:30 – 12:20	Lunch break	14:00 – 14:50	15:00 – 15:50	16:00 – 16:50	17:00 – 17:50	18:15 – 19:45
Monday	A1	B1	C1	D1		H1	I1	J1	K1	Co- curricular Activities
Wednesday	D2	A2	B2	C2		K2	H2	I2	J2	
Friday	C3	D3	A3	B3		J3	K3	H3	I3	
Saturday	Co-curricular Activities									

Day	8:30 – 9:45	9:50 – 11:05	11:10 – 12:25	Lunch break	14:00 – 15:15	15:20 – 16:35	16:40 – 17:55	18:15 – 19:45
Tuesday	E1	F1	G1		SP1	L1	L2	Co- curricular Activities
Thursday	G2	E2	F2		SP2	M1	M2	

Category	Slot	Days	Duration/Each
Theory Core Slots	A, B, C, D	Monday, Wednesday, Friday	50 Minutes
	E, F, G	Tuesday, Thursday	75 Minutes
Theory elective slots	H, I, J, K	Monday, Wednesday, Friday	50 Minutes
Laboratory core slots	L, M	Tuesday, Thursday	75 Minutes
Laboratory elective slots	H, I, J, K	Monday, Wednesday, Friday	75 Minutes
Special lecture slots	SP1, SP2	Tuesday, Thursday	75 Minutes

1st Semester (2024 Batch)

S1 - (CSE+EP+EEE+CIE+CBE), S2 - (MMAE+ECE+M&C+BSMS)

EEE & ECE									
S.No	C. Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor
1	MA 101	Calculus (S1)	3	1	0	8	A+J3	006	Prof. Dhriti Ranjan Dolai
2	MA 101	Calculus (S2)	3	1	0	8	A+J3	008	Prof. Veekesh Kumar
3	PH 101	Quantum Physics and Applications (S1)	2	1	0	6	B	006	Prof. S M Shivaprasad
4	PH 101	Quantum Physics and Applications (S2)	2	1	0	6	B	008	Prof. Dhriti Sundar Ghosh
5	EE 101	Introduction to Electrical Systems and Electronics	3	0	0	6	G	003	Prof. Shashaank Aswatha Mattur
6	CS 101	Computer Programming (S1)	3	0	2	8	C+E1,F1+E2,F2	006, CIF 401, 402	Prof. Siba Narayan Swain
7	CS 101	Computer Programming(S2)	3	0	2	8	C+E1,F1+E2,F2	008 ,CIF 401, 402	Prof. Jivnesh Balasaheb Sandhan
8	HS 106	Design Thinking and Creativity (S1)	1	0	0	PP/NP	K2	006	Prof. Pradeep Y
9	HS 106	Design Thinking and Creativity (S2)	1	0	0	PP/NP	K3	006	Prof. Pradeep Y
10	NO107/NO105/ NO 106/NO 108	NSO/NSS/NCC/NCA	0	0	2	2	HI3		Prof. Vigneshwara Raja P Prof. Pradeep Gururaj Yammiyavar Dr. Keerthi Kumar Mr. Ravi G Mr. Ramesh G
11	EE 104	Formal Communications	1	0	0	2	H1	301, 302, 304, 305, 307	Prof. Ameer K Mulla, Prof. Shashaank Aswatha Mattur, Prof. Gopal Krishna Kamath M, Prof. Naveen Kadayinti, Prof. Naveen M B
First Semester Total Credits						32			

CSE/ME/EP/MaC/Civil/CBE/BSMS									
S.No	C. Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor
1	MA 101	Calculus (S1)	3	1	0	8	A+J3	006	Prof. Dhriti Ranjan Dolai
2	MA 101	Calculus (S2)	3	1	0	8	A+J3	008	Prof. Veekesh Kumar
3	PH 101	Quantum Physics and Applications (S1)	2	1	0	6	B	006	Prof. S M Shivaprasad
4	PH 101	Quantum Physics and Applications (S2)	2	1	0	6	B	008	Prof. Dhriti Sundar Ghosh
5	CH 102	Fundamental Concepts and Applications of Chemistry (S1)	3	0	0	6	D	006	Prof. Mahesh Gudem, Prof. Kundan Kumar Singh Sagar, Prof. Nilkamal Mahanta, Prof. Rajeswara Rao M, Prof. Sudhir Kumar Sahoo
6	CH 102	Fundamental Concepts and Applications of Chemistry (S2)	3	0	0	6	D	008	Prof. Mahesh Gudem, Prof. Kundan Kumar Singh Sagar, Prof. Nilkamal Mahanta, Prof. Rajeswara Rao M, Prof. Sudhir Kumar Sahoo
7	BB 103	Introduction to Modern biology (S1)	3	0	0	6	G	006	Prof. Bal Krishna Chaube
8	BB 103	Introduction to Modern biology (S2)	3	0	0	6	G	008	Prof.Swananda Marathe
9	ME 113	Hands on Engineering (CSE+MMAE+M&C)	0	0	3	3	H1,I1,J1+H2,I2,J2+L+M	CIF 106 (EE)	Prof. Rahul Jashvantbhai Pandya, Prof. Pratyasa Bhui, Prof. B Satish Naik,
								CIL 001 (Mechanical)	Prof. Sushanta K. Sethi, Prof. Omkar Baswaraj Bembalge
								CIF 401 or CIF 402 (CSE)	Prof. Vijeth J Kotagi
								CIF 301 (Civil))	Prof. Ch. Hemanth Kumar
10	PH 113	Hands on Science Laboratory - I (BSMS+EP+CBE+CIE)	0	0	3	3	H1,I1,J1+H2,I2,J2+L+M	CIF 302 (Biology)	Prof. Swananda Marathe Prof. Bal Krishna Choube
								CIF203+CIF301+CIF303 (chemistry)	Prof. Nilkamal Mahanta
								CIF 203 (Physics)	Prof. Dhriti Sundar Ghosh
11	CS 101	Computer Programming (S1)	3	0	2	8	C+E1,F1+E2,F2	006, CIF 401, 402	Prof. Siba Narayan Swain
12	CS 101	Computer Programming(S2)	3	0	2	8	C+E1,F1+E2,F2	008 ,CIF 401, 402	Prof. Jivnesh Balasaheb Sandhan
13	HS 106	Design Thinking and Creativity (S1)	1	0	0	PP/NP	K2	006	Prof. Pradeep Y
14	HS 106	Design Thinking and Creativity (S2)	1	0	0	PP/NP	K3	006	Prof. Pradeep Y
15	NO107/NO105/ NO 106/NO 108	NSO/NSS/NCC/NCA	0	0	2	2	H3,I3		Prof. Vigneshwara Raja P Prof. Pradeep Gururaj Yammiyavar Dr. Keerthi Kumar Mr. Ravi G Mr. Ramesh G
First Semester Total Credits								37	

3rd Semester (2023 Batch)

CBE

S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CL 201	Introduction to Transport Phenomena	3	0	0	6	E	LG 08	Prof. Sontti Somasekhara Goud
2	CL 204	Introduction to chemical engineering thermodynamics	3	0	0	6	B	307	Prof. Ravi C. Dutta
3	ME 203	Fluid Mechanics	2	1	0	6	A	003	Prof. Ramjee Repaka
4	ME 222	Mechanics of Materials	2	1	0	6	F	107	Prof. Vyom Sharma
5	EE 221	Introduction to Probability (1st Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
5	EE 221	Introduction to Probability (1st Half) (S2)	3	0	0	3	D	005	Prof. Bharath B. N
6	EE 227	Data Analysis (2nd Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
6	EE 227	Data Analysis (2nd Half) (S2)	3	0	0	3	D	005	Prof. Rajshekhar V Bhat
7	BB 301	Basics of Cell Biology and Genetics	3	0	0	6	J	LG 03	Prof. Surya Pratap Singh
8	CL 211	Chemical Engineering lab -I (Thermodynamics and fluid mechanics)	0	0	3	3	L	CIL 201+CIL 202	Prof. Suvamay Jana
Total Credits						39			

CIE

S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	ME 203	Fluid Mechanics	2	1	0	6	A	003	Prof. Ramjee Repaka
2	ME 222	Mechanics of Materials	2	1	0	6	F	107	Prof. Vyom Sharma
3	CE 201	Building and Construction Materials	1	1	2	6	B+L	304	Prof. Ramesh Nayaka
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
5	CE 204	Hydraulics Engineering	2	1	0	6	C	304	Prof. Somil Yadav
6	CE 203	Building Planning and Drawing	2	0	2	6	D+H1,I1	LG 05	Prof. Giridhar Rajesh Bande
Total Credits						36			

CSE

S.No	Course code	Course name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CS 205	Design and analysis of algorithms	3	0	0	6	B	003	Prof. Konjengbam Anand
2	CS 203	Discrete structures	3	0	0	6	G	005	Prof. Vijeth J Kotagi
5	EE 221	Introduction to Probability (1st Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
5	EE 221	Introduction to Probability (1st Half) (S2)	3	0	0	3	D	005	Prof. Bharath B. N
6	EE 227	Data Analysis (2nd Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
6	EE 227	Data Analysis (2nd Half) (S2)	3	0	0	3	D	005	Prof. Rajshekhar V Bhat
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
6	CS 213	Software Systems Lab	1	3	0	8	H1,I1,J1,K1	101, CIF 401, 402	Prof. Koteswararao Kondepu
Total Credits						32			

EE									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
5	EE 221	Introduction to Probability (1st Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
5	EE 221	Introduction to Probability (1st Half) (S2)	3	0	0	3	D	005	Prof. Bharath B. N
6	EE 227	Data Analysis (2nd Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
6	EE 227	Data Analysis (2nd Half) (S2)	3	0	0	3	D	005	Prof. Rajshekhar V Bhat
3	EE 229	Electronic Devices (1st Half)	3	0	0	3	A	005	Prof. Vigneshwara Raja P
4	EE 202	Introduction to Analog Circuits (2nd Half)	3	0	0	3	A	005	Prof. Nagaveni S
5	EE 205	Network Theory	2	1	0	6	F	LG 10	Prof. Amarkumar
6	EE 210	Signals and Systems	2	1	0	6	B	010	Prof. Ameer K Mulla
7	MA 201	Complex Analysis (1st Half)	3	1	0	4	J+I3	105	Prof. Shreedevi Masuti
8	MA 203	Differential Equations II (2nd Half)	3	1	0	4	J+I3	105	Prof. Sagnik Sen
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
Total Credits						38			
EP									
Sl. No.	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	PH 201	Electrodynamics	2	1	0	6	C	LG 10	Prof. Kavita Devi
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
3	ME 207	Thermodynamics	2	1	0	6	H	010	Prof. Hiranya Deka
4	EE 210	Signals and Systems	2	1	0	6	B	010	Prof. Ameer K Mulla
5	EE 221	Introduction to Probability (1st Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
5	EE 221	Introduction to Probability (1st Half) (S2)	3	0	0	3	D	005	Prof. Bharath B. N
6	EE 229	Electronic Devices (Pre mid-sem)	3	0	0	3	A	005	Prof. Vigneshwara Raja P
7	EE 202	Introduction to Analog Circuits (Post midsem)	3	0	0	3	A	005	Prof. Nagaveni S
8	PH 211	Introductory Physics Laboratory	0	0	3	3	L	CIF 203	Prof. Koushik Saha
Total Credits							36		
Maths & Computing									
S.No	Course code	Course name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CS 205	Design and analysis of algorithms	3	0	0	6	B	003	Prof. Konjengbam Anand
2	CS 203	Discrete structures	3	0	0	6	G	005	Prof. Vijeth J Kotagi
5	EE 221	Introduction to Probability (1st Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
5	EE 221	Introduction to Probability (1st Half) (S2)	3	0	0	3	D	005	Prof. Bharath B. N
6	EE 227	Data Analysis (2nd Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
6	EE 227	Data Analysis (2nd Half) (S2)	3	0	0	3	D	005	Prof. Rajshekhar V Bhat
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
6	CS 213	Software Systems Lab	1	3	0	8	H1,I1,J1,K1	101, CIF 401, 402	Prof. Koteswararao Kondepu
7	CS 403	Graph Theory and Combinatorics	3	0	0	6	C	003	Prof. Sagnik Sen
Total credits							38		

ME									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	ME 207	Thermodynamics	2	1	0	6	H	010	Prof. Hiranya Deka
2	ME 203	Fluid Mechanics	2	1	0	6	A	003	Prof. Ramjee Repaka
3	ME 222	Mechanics of Materials	2	1	0	6	F	107	Prof. Vyom Sharma
4	ME 204	Manufacturing Processes - I	3	0	0	6	B	101	Prof. Rakesh Lingam
5	ME 205	Machine Drawing and 3D Modelling Laboratory	0	0	3	3	M	CIF 404	Prof. Satyapriya Gupta
5	EE 221	Introduction to Probability (1st Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
5	EE 221	Introduction to Probability (1st Half) (S2)	3	0	0	3	D	005	Prof. Bharath B. N
7	ME 212	Manufacturing processes and Metrology Laboratory	0	0	3	3	L	CIL 011	Prof. Somashekara M A
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
Total Credits								39	
BSMS									
S. No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
2	BB 301	Basics of Cell Biology and Genetics	3	0	0	6	J	LG 03	Prof. Surya Pratap Singh
3	CH 204	Physical Organic and Bioorganic Chemistry (2nd Half)	3	0	0	3	G	LG 03	Prof. Nilkamal Mahanta
4	CH 202	Inorganic Chemistry (1st Half)	3	0	0	3	G	LG 03	Prof. Rajeswara Rao M
5	MA 209	Introduction to Probability Theory	3	1	0	8	F+H1	LG 03	Prof. Shiv Prakash Patel
6	PH 103	Waves, Oscillations & Optics	2	1	0	6	B	LG 05	Prof. Santosh Kumar
7	MA 223	Mathematics Laboratory	0	0	3	3	L	LG 03	Prof. Sagnik Sen
Total Credits						35			

5th Semester (2022 Batch)									
CBE									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CL 301	Process Equipment Design and Economics	3	0	0	6	A	LG 03	Prof. Suvamay Jana
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
3	CH 306	Electrochemistry (post mid-sem)	3	0	0	3	F	308	Prof. Mahesh Gudem
4	CH 304	Introduction to computational chemistry (pre mid-sem)	3	0	0	3	F	308	Prof. Sudhir Kumar Sahoo
5	CL 212	Chemical Engineering lab -II (Heat Transfer & Solid mechanics)	0	0	3	3	L	CIL 201 + CIL 204	Prof. Sontti Somasekhara Goud
6	CL 213	Chemical Engineering Lab III (mass transfer and reaction engineering)	0	0	3	3	M	CIL 203	Prof. Ravi C. Dutta
7		Programme elective-I	3	0	0	6		Please see the list of electives	
8		Programme elective-II	3	0	0	6		Please see the list of electives	
Total Credits						36			
CIE									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CE 302	Design of Concrete Structures	2	1	0	6	E	308	Prof. Ch. Hemanth Kumar
2	CE 303	Geotechnical Engineering	2	1	0	6	F	305	Prof. Amarnath Hegde
3	CE 304	Transportation Engineering	2	1	0	6	C	305	Prof. Aniket Vasantao Kataware
4	CE 311	Transportation Engineering Laboratory	0	0	3	3	H1,I1,J1	CIL 002	Prof. Aniket Vasantao Kataware
5	CE 312	Geotechnical Engineering Laboratory	0	0	3	3	H2,I2,J2	CIL 012	Prof. Amarnath Hegde
6	CE 305	Environmental Engineering	2	1	0	6	B	305	Prof. K V Jayakumar
7	CE 313	Environmental Engineering Laboratory	0	0	3	3	M	CIL 101	Prof. K V Jayakumar
8	CE 314	Civil Engineering Software Laboratory	0	0	3	3	L	CIF 403	Prof. Giridhar Rajesh Bande
Total Credits						36			
CSE									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CS 304	Operating systems	3	0	0	6	B	005	Prof. Rajshekar K
2	CS 303	Databases and information systems	3	0	0	6	C	005	Prof. Achyut Mani Tripathi
3		Elective I / R&D I#	3	0	0	6		Please see the list of electives	
4		Elective II	3	0	0	6		Please see the list of electives	
5		HSS Elective	3	0	0	6		Please see the list of electives	
6	CS 314	Operating systems lab	0	0	3	3	L	CIF 401	Prof. Rajshekar K
7	CS 313	Databases and information systems laboratory	0	0	3	3	M (For Non CSE L)	CIF 401	Prof. Achyut Mani Tripathi
Total credits						36			
EE									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	EE 325	Microprocessors and Microcontrollers	3	0	0	6	D	LG 06	Prof. Samba Raju Chiluveru
2	EE 321	Digital Signal Processing (1st Half)	3	0	0	3	F	LG 08	Prof. Naveen M B
3	EE 315	Digital Signal Processing Lab (2nd Half)	0	0	4	2	L	CIF 102	Prof. Naveen M B
4	EE 319	Microprocessors and Microcontrollers Lab	0	0	3	3	M	CIF 102	Prof. Samba Raju Chiluveru
5	EE 311	Electrical Mechines and Power Electronics Lab	0	0	3	3	ABC2	CIL 003	Prof. Amarkumar, Prof. Animesh Kumar Sahoo Prof. Sairam Boggavarapu
6		HSS Elective	3	0	0	6		Please see the list of electives	
7		Electives				12		Please see the list of electives	
Total Credits						35			

EP									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
6	EE 227	Data Analysis (2nd Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
6	EE 227	Data Analysis (2nd Half) (S2)	3	0	0	3	D	005	Prof. Rajshekhar V Bhat
2	PH 304	Statistical Physics	2	1	0	6	B	LG 06	Prof. Koushik Saha
3	PH 302	Quantum Mechanics-II	2	1	0	6	G	010	Prof. R Prabhu
4	PH 212	General Physics Laboratory	0	0	3	3	M	CIF 305	Prof. Santosh Kumar
5	EE 321	Digital Signal Processing (1st Half)	3	0	0	3	F	LG 08	Prof. Naveen M B
6	EE 315	Digital Signal Processing Lab (2nd Half)	0	0	4	2	L	CIF 102	Prof. Naveen M B
7	ME 203	Fluid Mechanics	2	1	0	6	A	003	Prof. Ramjee Repaka
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
Total Credits								35	
Maths & Computing									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	MA 310	Stochastic Models	3	0	0	6	I	LG 06	External Faculty
2	MA 306	Introduction to Mathematical Finance I	3	0	0	6	A	LG 06	External Faculty
3		CSE Elective I				6			Please see the list of electives
4		Mathematics Elective I				6			Please see the list of electives
5		HSS Elective I	3	0	0	6			Please see the list of electives
6	CS 427	Mathematics for Data Science	3	0	0	6	E	010	Prof. Prabuchandran K J
Total credits								36	
ME									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	ME 223	Manufacturing Processes - II	2	1	0	6	A	LG 08	Prof. Omkar Baswaraj Bembalge
2	ME 324	Design of Machine Elements	3	0	0	6	B	107	Prof. Samarth S. Raut
3	ME 302	Applied Thermodynamics	3	0	0	6	C	LG 06	Prof. Keerthi M C
4	ME 314	Heat Transfer Laboratory	0	0	3	3	L	CIL 201	Prof. Surya Prakash Ramesh and Prof. Keerthi M C
5	ME 312	Solid Mechanics Laboratory	0	0	3	3	M	CIL 204 and WALMI Campus	Prof. Sangamesh Deepak R
6	ME 311	Mechanical Measurements Laboratory	0	0	3	3	E1,F1	CIL 201	Prof. Sudheer Siddapureddy Prof. Meenatchidevi Murugesan
7	EE 227	Data Analysis (2nd Half) (S1)	3	0	0	3	D	003	Prof. Rahul Jashvantbhai Pandya
8	EE 227	Data Analysis (2nd Half) (S2)	3	0	0	3	D	005	Prof. Rajshekhar V Bhat
9		Elective I	3	0	0	6			Please see the list of electives
Total Credits								36	
BS-MS - Major in Biology									
S. No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	BB 407	Molecular Biology	2	1	0	6	A	LG 05	Prof. Subhash Mehto
2	BB 608	Genomics and proteomics (2nd Half)	3	0	0	3	B	301	Prof. Sudhanshu Shukla
3	BB 405	Biostatistics (1st Half)	3	0	0	3	B	301	Prof. Sudhanshu Shukla
4	BB 412	Biology Lab II	0	0	6	6	L	CIF 302	Prof. Subhash Mehto
5		Institute Elective – II	3	0	0	6			Please see the list of electives
6		Program Electives				6			Please see the list of electives
Total Credits								30	

BS-MS - Major in Chemistry									
S. No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CH 323	Coordination and organometallic chemistry	3	0	0	6	C	308	Prof. Kundan Kumar Singh Sagar
2	CH 321	Concepts in organic synthesis	3	0	0	6	D	308	Prof. Shivaji Gholap (Guest faculty)
3	CH 322	Molecular spectroscopy	3	0	0	6	B	302	Prof. Mahesh Godem
4	CH 312	Chemistry laboratory-II	0	0	3	3	L	CIF 303	Prof. Kundan Kumar Singh Sagar
5		Program Elective-II	2	1	0	6		Please see the list of electives	
6		Program Elective-III	2	1	0	3		Please see the list of electives	
7		Program Elective-IV	2	1	0	3		Please see the list of electives	
Total Credits						33			
BS-MS - Major in Mathematics									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	MA 307	Rings and Modules	2	1	0	6	D	010	Prof. Shraddha Srivastava
2	MA 308	Introduction to Complex Analysis	2	1	0	6	B	LG 10	Prof. Shreedevi Masuti
3	MA 309	General Topology	2	1	0	6	G	109	Prof. Amlan K Barua
4	CS 403	Graph Theory and Combinatorics	2	1	0	6	C	003	Prof. Sagnik Sen
5		Program Elective-II				6		Please see the list of electives	
Total Credits						30			
BS-MS - Major in Physics									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	PH 201	Electrodynamics	2	1	0	6	C	LG 10	Prof. Kavita Devi
2	PH 304	Statistical Physics	2	1	0	6	B	LG 06	Prof. Koushik Saha
3	PH 302	Quantum Mechanics-II	2	1	0	6	G	010	Prof. R Prabhu
4	EE 202	Introduction to Analog Circuits (2nd Half)	3	0	0	3	A	005	Prof. Nagaveni S
5	EE 229	Electronic Devices (Pre mid-sem)	3	0	0	3	A	005	Prof. Vigneshwara Raja P
6	PH 212	General Physics Laboratory	0	0	3	3	M	CIF 305	Prof. Santosh Kumar
7		HSS Elective-II	3	0	0	6		Please see the list of electives	
Total Credits						33			

7th semester (2021 Batch)

CSE

S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Elective IV				6-8			Please see the list of electives
2		Elective V				6-8			
3		Elective VI / project				6-8			
Total credits						18			

EE -Semester VII & VIII

<p>1. Student has to earn 36 credits in the fourth year. 2. Student may choose to earn zero or 6 or 12 credits though BTP/co-op project. 3. The BTP/co-op may be split in two semesters (6 credits per semester). 4. The remaining credits should be earned through Institute Elective.</p>						Please see the list of electives			
Total Credits						36			

EP

Sl. No.	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
8	HS 201	Economics (S1)	3	0	0	6	E	006	Prof. Debalina Chakravart
8	HS 201	Economics (S2)	3	0	0	6	E	008	Prof. Mohana Rao Balaga
2		HSS Elective - II	3	0	0	6	Please see the list of electives		
3	PH 308	Seminar – 2	0	0	4	4	NA		
4		Institute Elective – 2	2	1	0	6	Please see the list of electives		
5		Institute Elective – 3/ BTP-I	2	1	0	6			
Total Credits						28			

ME

S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	ME 316	Applied Thermodynamics Laboratory	0	0	3	3	M	CIL 002 + WALMI Campus	Prof. Dhiraj V. Patil, Prof. Hiranya Deka
		Elective Course	3	0	0	6	Please see the list of electives		
		Elective Course	3	0	0	6			
		Elective Course / BTP - I	3	0	0	6			
Total Credits						21			

Electives

S.No	Course Code	Course Title	Instructor	Slot Assigned	Venue
1	BB 614	Molecular and cellular Neuroscience	Prof. Swananda Marathe	D	LG 03
2	BB 612	Animal Model in biomedical Research	Prof. Subhash Mehto	E	LG 05
3	BB 420	Enzyme and Protein Engineering	Prof. Punekar	I	107
4	CL 405	Applications of Mass Transfer	Prof. Ravi Chandra Dutta and Prof. Suvamay Jana	H	308
5	CH 904	Advanced computational chemistry	Prof. Sudhir Kumar Sahoo	NA	
6	CH 910	Seminar	Prof. Sudhir and Prof. Rajeswara Rao	NA	
7	CH 901	Coordination chemistry, Organometallics and Organometallic Reagents	Prof. Kundan and Prof. Rajeswara Rao	NA	
8	CH 917	Organic Reactions and Mechanism	Prof. Nilkamal Mahanta	NA	
9	CE 602	Geosynthetic Engineering	Prof. Giridhar Rajesh Bande	NA	
10	CE 601	Pavement Engineering	Prof. Aniket V. Kataware	NA	
11	CE 605	Advanced Soil Mechanics	Prof. Amarnath Hegde	NA	
12	CE 606	Vibrations and Structural Dynamics	Prof. Ch. Hemanth Kumar	NA	
13	CE 603	3D Concrete Printing Technology	Prof. Ramesh Nayaka	NA	
14	CS 618	Advanced Software Development Laboratory	Prof. Gayathri Ananthanarayanan	A2 & A3 & M	CIF 402
15	CS 619	Advanced Data Structures and Algorithms Lab	Prof. Sandeep R.B	L	CIF 402
16	CS 633	Advanced data structures and algorithms	Prof. Sandeep R.B	D	101
17	CS 634	Combinatorics and Probability	Prof. Ramchandra Phawade	B	LG 03
18	CS 639	Scalable Data mining	Prof. Kedar Khandeparkar	H	001

Electives

S.No	Course Code	Course Title	Instructor	Slot Assigned	Venue
19	CS 609	Software Defined Networking (SDN) and Network Function Virtualization (NFV)	Prof. Tamal Das	G	LG08
20	CS 601	Software Development for Scientific Computing	Prof. Nikhil Hegde	I	LG 03
21	CS 612	Statistical Pattern Recognition Laboratory	Prof. Dileep A D	E2,F2	LG 06
22	CS 616	Statistical Pattern Recognition	Prof. Dileep A D	K	005
23	CS 428	Deep Learning	Prof. Vandana Bharti	J	010
24	CS 403	Graph Theory and Combinatorics	Prof. Sagnik Sen	C	003
25	CS 309	Research and Development Project	Prof. Kedar Khandeparkar	NA	
26	CS 405	B.Tech Project-CSE	Prof. Kedar Khandeparkar	NA	
27	CS 409	B.Tech Project-CSE-II	Prof. Kedar Khandeparkar	NA	
28	CS 320	Research and Development Project II	Prof. Kedar Khandeparkar	NA	
29	HS 409	Philosophy	Prof. Jolly Thomas	E	101
30	HS 410	Modernism and the 'Hero'	Prof. Ridhima Tewari	E	111
31	HS 435	Introduction to Industrial Organization	Prof. Gopal Sharan Parashari	E	109
32	HS 433	Introduction to Indian Knowledge System - I	Prof. Bhalachandra L Tembe	E	107
33	HS 436	Introduction to Indian Knowledge System - II	Prof. Bhalachandra L Tembe (Place Holder)	H	003
34	HS 437	Sanskrit - I	Prof. Bhalachandra L Tembe (Place Holder)	E	LG 03
35	HS 438	Introduction to Music - I	Prof. Bhalachandra L Tembe (Place Holder)	H	005
36	HS 601	Communication Skills	Ridhima Tewari	F1	005
37	HS 910	Seminar	Prof. Jolly Thomas (Head)	NA	
38	HS 911	Seminar II	Prof. Mohana Rao Balaga	NA	
39	HS 902	Macroeconomics	Prof. Mohana Rao Balaga	NA	

Electives

S.No	Course Code	Course Title	Instructor	Slot Assigned	Venue
40	HS 608	Principles of Microeconomics	Prof. Debalina Chakravarty	NA	
41	HS 606	Meta-Ethics	Prof. Jolly Thomas	NA	
42	HS 620	Normative Ethics	Prof. Jolly Thomas	NA	
43	HS 801	Literary Theory and Criticism	Prof. Ridhima Tewari	NA	
44	HS 808	Interdisciplinary Approaches to Literary Research	Prof. Ridhima Tewari	NA	
45	HS 621	Postmodernism: Theory and Literature	Prof. Ridhima Tewari	NA	
46	HS 622	Modernism: Theory and Literature	Prof. Ridhima Tewari	NA	
47	HS 607	Research Methodology in Humanities and Social Sciences	Prof. Mahitosh Mandal	NA	
48	HS 623	Literature and Philosophy	Prof. Mahitosh Mandal	NA	
49	EE 334	Sensors and Instrumentation	Prof. Samatha Benedict	H	LG 10
50	EE 335	Hardware Descriptive Languages	Prof. Naveen Kadayinti	I + B1,C1	LG 08
51	EE 420	Digital Communication and Coding Theory	Prof. Rajshekhar V Bhat	I + B1,C1	109, CIF 102
52	EE 699	Next Generation Wireless Networks	Prof. Naveen M B	J	LG 08
53	EE 601	Analog IC Design	Prof. Nagaveni S	J	LG 06
54	EE 607	Power System Dynamics and Control	Prof. Pratyasa Bhui	G	LG 05
55	EE 610	VLSI Design	Prof. Saroj Mondal	H	LG 06
56	EE 615	Embedded systems Lab	Prof. Abhijit Kshirsagar	M	
57	EE 616	VLSI Simulations Lab	Prof. Saroj Mondal	L	CIF 201
58	EE 616	VLSI Simulations Lab	Prof. Vigneshwara Raja P	L	CIF 201
59	EE 622	Multivariable Control Systems	Prof. Gopal Krishna Kamath M	D	LG 08
60	EE 625	Design of Power Converters	Prof. B Satish Naik	I + B1,C1	111, CIL 003
61	EE 629	Probability Models and Applications	Prof. Bharath B. N	K	003

Electives

S.No	Course Code	Course Title	Instructor	Slot Assigned	Venue
62	EE 634	Linear Algebra and its Applications	Prof. Ameer K Mulla	G	101
63	EE 634	Linear Algebra and its Applications	Prof. Gopal Krishna Kamath M	G	101
64	EE 688	Physics of Transistor	Prof. Ruma Ghosh	J	LG 10
65	EE 690	Embedded systems Design	Prof. Abhijit Kshirsagar	F	006
66	EE 695	Design of Magnetic Components for Power Electronics	Prof. Sairam Boggavarapu	E	302
67	EE 696	Power Quality Analysis (PQA)	Prof. Animesh Kumar Sahoo	J	001
68	EE 331	Research and Development Project	Prof. Samba Raju Chiluveru	NA	
69	EE 333	Research and Development Project - II	Prof. Samba Raju Chiluveru	NA	
70	EE 407	B.Tech. Project-EE	Prof. Samba Raju Chiluveru	NA	
71	MA 603	Irrational and Transcendental Numbers	Prof. Veekesh Kumar	NA	
72	MA 604	Algebraic Number Theory	Prof. Veekesh Kumar	NA	
73	MA 602	Introduction to Lie Algebras	Prof. Shraddha Srivastava	NA	
74	MA 920	Introduction to Representation Theory	Prof. Shraddha Srivastava	NA	
75	MA 921	Differential Topology	Prof. Shreedevi Masuti	NA	
76	MA 923	Introduction to Graduate Algebra	Prof. Shreedevi Masuti	NA	
77	MA 910	Seminar	Prof. Sagnik Sen	NA	
78	ME 426	Introduction to Computational Fluid Dynamics	Prof. Dhiraj V. Patil	A	LG 10

Electives

S.No	Course Code	Course Title	Instructor	Slot Assigned	Venue
79	ME 605	Additive and Forming Manufacturing Processes	Prof. Somashekara M A and Prof. Rakesh Lingam	J	003
80	ME 607	Advanced Solid Mechanics	Prof. Sangamesh Deepak R	B	311
81	ME 608	Advanced Mechanisms and Dynamics of Mechanical Systems	Prof. Sangamesh Deepak R	D	LG 10
82	ME 609	Advanced Fluid Mechanics and Heat Transfer	Prof. Sudheer Siddapureddy	C	101
83	ME 621	Introduction to Programming and Modeling Laboratory	Prof. Sushanta K. Sethi	E1,E2,F2	
84	ME 629	Fundamentals of Acoustics	Prof. Meenatchidevi Murugesan	NA	
85	ME 643	Finite Element Analysis	Prof. Amar Gaonkar	I	006
86	ME 652	Fatigue and Fracture Mechanics	Prof. Anbukkarasi Rajendran	NA	
87	ME 668	Smart Materials and Structures	Prof. Punnag Chatterjee	H	LG 08
88	ME 903	Engineering Mathematics for Advanced Studies	Prof. Tejas Prakash Gotkhindi	G	001
89	ME 449	Bio energy conversion	Prof. Sreepathi L K	G	LG 10
90	ME 329	Research and Development Project	Prof. Omkar Baswaraj Bembalge	NA	
91	ME 330	Research and Development Project - II	Prof. Omkar Baswaraj Bembalge	NA	
92	ME 405	B.Tech. Project-ME	Prof. Omkar Baswaraj Bembalge	NA	
93	ME 634	Practicum	Prof. Somashekara M A	NA	
94	ME 666	M.Tech. Project - I	Prof. Somashekara M A	NA	
95	ME 910	Seminar	Prof. Somashekara M A	NA	
96	PH 402	Astrophysics	Prof. D Narasimha	I	010
97	PH 404	Introduction to Quantum Information and Computation	Prof. R Prabhu	J	LG 05
98	PH 309	Research and Development Project	Prof. Kavita Devi	NA	
99	PH 432	B.Tech Project-EP	Prof. Kavita Devi	NA	
100	BB 302	ALO-UG Research Laboratory Exposure	Prof. Sudhanshu Shukla	NA	CIF 403