

## 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

## Time Table Spring 2024-25

### Semester II (2024 Batch)

#### CBE -Semester II

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	MA 102	Linear Algebra (1st Half)	3	1	0	4	(B+K3) (S1)	Prof. Shiv Prakash Patel	005
2	BB 201	Biomolecules	2	1	0	6	F	Prof. Bal Krishna Choube	LG08
3	ME 111	Engineering Graphics Laboratory	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006
4	ME 201	Engineering Mechanics	2	1	0	6	A	Prof. Satyapriya Gupta	008
5	CS 201	Data Structures and Algorithms	3	0	0	6	C (S1)	Prof. Kedar Khandeparkar	101
6	CS 211	Data Structures and Algorithms Laboratory	0	0	3	3	L+M	Prof. Kedar Khandeparkar Prof. Vijeth J Kotagi	-
7	ME 113	Hands on Engineering Laboratory	0	0	3	3	(H1,I1,J1)(H2,I2,J2),(L),(M)	Prof. Anbukkarasi Rajendran Prof. Nikhil Hegde Prof. Rakesh Lingam Prof. Ramesh Nayaka Prof. Sairam Boggavarapu Prof. Samba Raju Chiluveru Prof. Sangamesh Deepak R Prof. Sushanta K. Sethi	-
8	CL 101	Introduction to chemical Engineering	3	0	0	6	D	Prof. Suvamay Jana	309
9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109
		Total Credits				39			

#### CIE -Semester II

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 101	Introduction to Civil Engineering	2	1	0	6	B	Prof. Amarnath Hegde	LG03
2	CS 201	Data Structures & Algorithms	3	0	0	6	C (S1)	Prof. Kedar Khandeparkar	101

3	CS 211	Data Structures & Algorithms Lab	0	0	3	3	L+M	Prof. Kedar Khandeparkar Prof. Vijeth J Kotagi	-
4	MA 103	Differential Equations I (2nd Half Semester)	3	1	0	4	(D+H3) (S2)	Prof. Amlan Barua	005
5	MA 406	Introduction to Numerical Methods (1st Half Semester)	3	1	0	4	D+F2	Prof. Dhiraj V Patil	001
6	ME 201	Engineering Mechanics	2	1	0	6	A	Prof. Satyapriya Gupta	008
7	ME 111	Engineering Graphics Lab	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006
8	ME 113	Hands-on Engineering Lab	0	0	3	3	(H1,I1,J1)(H2,I2,J2),(L),(M)	Prof. Anbukkarasi Rajendran Prof. Nikhil Hegde Prof. Rakesh Lingam Prof. Ramesh Nayaka Prof. Sairam Boggavarapu Prof. Samba Raju Chiluveru Prof. Sangamesh Deepak R Prof. Sushanta K. Sethi	-
9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	1	0	0	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109
		Total Number of Credits				37			

### CSE -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	MA 102	Linear Algebra (1st Half)	3	1	0	4	(D+H3) (S2)	Prof. Sagnik Sen	005
2	MA 103	Differential Equations - I (2nd Half)	3	1	0	4	(D+H3) (S2)	Prof. Amlan Barua	005
3	ME 111	Engineering Graphics Laboratory	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006
4	EE 101	Introduction to Electrical Systems and Electronics	3	0	0	6	F (S2)	Prof. Samba Raju Chiluveru	101
5	CS 201	Data Structures and Algorithms	3	0	0	6	C (S2)	Prof. Vijeth J Kotagi	105
6	CS 211	Data Structures and Algorithms Laboratory	0	0	3	3	L+M	Prof. Kedar Khandeparkar Prof. Vijeth J Kotagi	CIF 401 and 402
7	PH 113	Hands On Science Laboratory - I	0	0	3	3	(H1,I1,J1)(H2,I2,J2)(L),(M)	Prof. Dhriti Sundar Ghosh Prof. Nilkamal Mahanta Prof. BSBE Faculty required	-
8	PH 102	Electricity and magnetism	2	1	0	6	A	Prof. Dhriti Sundar Ghosh	005

9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	1	0	0	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109
		Total Credits				37			

### ECE -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	MA 102	Linear Algebra (1st Half)	3	1	0	4	(B+K3) (S1)	Prof. Shiv Prakash Patel	005
2	MA 103	Differential Equations - I (2nd Half)	3	1	0	4	(B+K3) (S1)		005
3	EE 204	Digital Systems	2	1	0	6	C	Prof. Nagaveni S	107
4	EE 214	Digital Circuits Lab	0	0	3	3	G2E2	Prof. Nagaveni S	-
5	EE 205	Network Theory	2	1	0	6	A	Prof. Amarkumar	001
6	EE 229	Electronic Devices (2nd Half)	3	0	0	3	F	Prof. Vigneshwara Raja P	105
7	ME 111	Engineering Graphics Laboratory	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006
8	ME 113	Hands on Engineering Laboratory	0	0	3	3	(H1,I1,J1)(H2,I2,J2),(L),(M)	Prof. Anbukkarasi Rajendran Prof. Nikhil Hegde Prof. Rakesh Lingam Prof. Ramesh Nayaka Prof. Sairam Boggavarapu Prof. Samba Raju Chiluveru Prof. Sangamesh Deepak R Prof. Sushanta K. Sethi	-
9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109
		Total Credits				36			

### EEE -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	MA 102	Linear Algebra (1st Half)	3	1	0	4	(B+K3) (S1)	Prof. Shiv Prakash Patel	005
2	MA 103	Differential Equations - I (2nd Half)	3	1	0	4	(B+K3) (S1)	Prof. Amlan Barua	005
3	EE 204	Digital Systems	2	1	0	6	C	Prof. Nagaveni S	107
4	EE 214	Digital Circuits Lab	0	0	3	3	G2E2	Prof. Nagaveni S	-
5	EE 205	Network Theory	2	1	0	6	A	Prof. Amarkumar	001
6	EE 229	Electronic Devices (2nd Half)	3	0	0	3	F	Prof. Vigneshwara Raja P	105

7	ME 111	Engineering Graphics Laboratory	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006
8	ME 113	Hands on Engineering Laboratory	0	0	3	3	(H1,I1,J1)(H2,I2,J2),(L),(M)	Prof. Anbukkarasi Rajendran Prof. Nikhil Hegde Prof. Rakesh Lingam Prof. Ramesh Nayaka Prof. Sairam Boggavarapu Prof. Samba Raju Chiluveru Prof. Sangamesh Deepak R Prof. Sushanta K. Sethi	-
9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109
Total Credits							36		

### EP -Semester II

Sl. No.	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CS 201	Data Structure and Algorithms	3	0	0	6	C (S2)	Prof. Vijeth J Kotagi	105
2	EE 101	Introduction to Electrical Systems and Electronics	3	0	0	6	F (S2)	Prof. Samba Raju Chiluveru	101
3	MA 102	Linear Algebra (1st Half)	3	1	0	4	(B+K3) (S1)	Prof. Shiv Prakash Patel	005
4	MA 103	Differential Equations - I (2nd Half)	3	1	0	4	(B+K3) (S1)	Prof. Amlan Barua	005
5	PH 102	Electricity and Magnetism	2	1	0	6	A	Prof. Dhriti Sundar Ghosh	005
6	ME 113	Hands on Engineering Laboratory	0	0	3	3	(H1,I1,J1)(H2,I2,J2),(L),(M)	Prof. Anbukkarasi Rajendran Prof. Nikhil Hegde Prof. Rakesh Lingam Prof. Ramesh Nayaka Prof. Sairam Boggavarapu Prof. Samba Raju Chiluveru Prof. Sangamesh Deepak R Prof. Sushanta K. Sethi	-
7	ME 111	Engineering Graphics Laboratory	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006
8	CS 211	Data Structure & Algorithms Lab	0	0	3	3	L+M	Prof. Kedar Khandeparkar Prof. Vijeth J Kotagi	-

9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109
Second Semester Total Credits							37		

### MaC -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	MA 102	Linear Algebra (1st Half)	3	1	0	4	(B+K3) (S1)	Prof. Shiv Prakash Patel	005
2	MA 103	Differential Equations - I (2nd Half)	3	1	0	4	(B+K3) (S1)	Prof. Amlan Barua	005
3	ME 111	Engineering Graphics Laboratory	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006
4	EE 101	Introduction to Electrical Systems and Electronics	3	0	0	6	F (S1)	Prof. Shashaank Aswatha Mattur	111
5	CS 201	Data Structures and Algorithms	3	0	0	6	C (S1)	Prof. Kedar Khandeparkar	101
6	CS 211	Data Structures and Algorithms Laboratory	0	0	3	3	L+M	Prof. Kedar Khandeparkar Prof. Vijeth J Kotagi	-
7	PH 113	Hands On Science Laboratory - I	0	0	3	3	(H1,I1,J1)(H2,I2,J2)(L),(M)	Prof. Dhriti Sundar Ghosh Prof. Nilkamal Mahanta Prof. BSBE Faculty required	-
8	PH 102	Electricity and magnetism	2	1	0	6	A	Prof. Dhriti Sundar Ghosh	005
9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109
Total Credits							37		

### ME -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	MA 102	Linear Algebra (1st Half)	3	1	0	4	(D+H3) (S2)	Prof. Sagnik Sen	005
2	MA 103	Differential Equations - I (2nd Half)	3	1	0	4	(D+H3) (S2)	Prof. Amlan Barua	005
3	ME 111	Engineering Graphics Laboratory	1	0	3	5	(H1,I1,J1),(H2,I2,J2),(L),(M),(J3)	Prof. Amar Gaonkar Prof. Omkar Baswaraj Bembalge Prof. Samarth S. Raut Prof. Surya Prakash Ramesh	001 003 005 006

4	EE 101	Introduction to Electrical and Electronics Circuits	3	0	0	6	F (S1)	Prof. Shashaank Aswatha Mattur	111	
5	CS 201	Data Structures and Algorithms	3	0	0	6	C (S1)	Prof. Kedar Khandeparkar	101	
6	CS 211	Data Structures and Algorithms Laboratory	0	0	3	3	L+M	Prof. Kedar Khandeparkar Prof. Vijeth J Kotagi	-	
7	PH 113	Hands On Science Laboratory - I	0	0	3	3	(H1,I1,J1)(H2,I2,J2)(L),(M)	Prof. Dhriti Sundar Ghosh Prof. Nilkamal Mahanta Prof. BSBE Faculty required	-	
8	ME 201	Engineering Mechanics	2	1	0	6	A	Prof. Satyapriya Gupta	008	
9	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109	
Total Credits							37			

#### BS-MS -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue	
1	MA 102	Linear Algebra (1st Half)	3	1	0	4	(D+H3) (S2)	Prof. Sagnik Sen	005	
2	MA 103	Differential Equations - I (2nd Half)	3	1	0	4	(B+K3) (S1)	Prof. Amlan Barua	005	
3	CS 201	Data Structures and Algorithms	3	0	0	6	C (S2)	Prof. Vijeth J Kotagi	105	
4	CS 211	Data Structures and Algorithms Laboratory	0	0	3	3	L+M	Prof. Kedar Khandeparkar Prof. Vijeth J Kotagi	-	
5	PH 102	Electricity and Magnetism	2	1	0	6	A	Prof. Dhriti Sundar Ghosh	005	
6	BB 201	Biomolecules	2	1	0	6	F	Prof. Bal Krishna Choube	LG08	
7	CH 203	States of Matter (1st Half)	3	0	0	3	E	Prof. Sudhir Kumar Sahoo	LG08	
8	CH 201	Organic Chemistry (2nd Half)	3	0	0	3	E	Prof. Nilkamal Mahanta	LG08	
9	CH 113	Hands on Science Laboratory-II	0	0	3	3	K2,I2,H2	Prof. Koushik Saha Prof. Nilkamal Mahanta Prof. BSBE Faculty required	-	
10	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Co-curricular Activities	Mr. Ramesh Mr. Keerthi Kumar Mr. Ravi G Prof. Pradeep Y	101 105 107 109	
Total Credits							40			

#### M.Tech. - CSE -Semester II

S.No	C. Code	Course	L	T	P	C	Alloted Slot	Instructor	Venue
1		Elective-2				6/8	-	-	-

2		Elective-3				6/8	-	-	-	
3		Elective-4				6/8	-	-	-	
4		Elective-5				6	-	-	-	
5		Elective-6				6	-	-	-	
	HS 601	Communication Skills	P					E	Prof.Dileep A D	LG03
	CS 631	Seminar	0	0	4	4				
	Total Credits					32-34				

#### M.Tech. - EE -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1		Elective Course	3	0	0	6	-	-	-
2		Elective Course	3	0	0	6	-	-	-
3		Elective Course	3	0	0	6	-	-	-
4		Elective Course	3	0	0	6	-	-	-
5		Elective Course	3	0	0	6	-	-	-
	HS 601	Communication Skills				P/NP	E	Prof. Gopal Krishna Kamath M	LG06
	Total Credits					30		-	

#### M.Tech. - ME -Semester II

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	ME 632	Mechanical Engineering Experimental Laboratory	1	0	3	5	D1+E2,F2	Prof.Amar Gaonkar, Prof.Satyapriya Gupta, Prof.Meenatchidevi Murugesan	LG08
2		Elective Course	3	0	0	6		-	-
3		Elective Course	3	0	0	6		-	-
4		Elective Course	3	0	0	6		-	-
5		Elective Course	3	0	0	6		-	-
	Total Credits					29			

#### Semester IV (2023 Batch)

#### CBE -Semester IV

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	ME 220	Heat Transfer	2	1	0	6	B	Prof. Surya Prakash Ramesh	003
2	EE 101	Introduction to Electrical Systems and Electronics	3	0	0	6	F (S1)	Prof. Shashaank Aswatha Mattur	111
3	MA 407	Introduction to Numerical Linear Algebra (1st Half)	3	1	0	4	I+K2	Prof. Rajshekhar Bhat	101



4	MA 103	Differential Equations - I	3	1	0	4	(D+H3) (S2)	Prof. Amlan Barua	005
5	BB 404	Biophysics	3	0	0	3	A	Prof. Surya Pratap Singh	307
6	CL 202	Reaction engineering	3	0	0	6	G	Prof. Ashok Kumar Ummireddi	307
7	CH 201	Organic Chemistry (2nd Half)	3	0	0	3	E	Prof. Nilkamal Mahanta	LG08
8	CL 203	Mass transfer	3	0	0	6	C	Prof. C. Ravi	309
		Total Credits				38		-	

#### CIE -Semester IV

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 202	Surveying and Geomatics	2	1	0	6	D	Prof. Aniket Vasantrya Kataware	302
2	CE 212	Surveying and Geomatics Laboratory	0	0	3	3	H1,I1,J1	Prof. Aniket Vasantrya Kataware	-
3	CE 205	Structural Analysis	2	1	0	6	C	Prof. Chinthapalli Hemanth Kumar	302
4	ME 218	Solid Mechanics Laboratory	0	0	3	3	M	Prof. Chinthapalli Hemanth Kumar	-
5	ME 224	Fluid Mechanics Laboratory	0	0	3	3	L+M	Prof. Ramjee Repaka Prof. Surya Prakash Ramesh	-
6	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
7	CE 206	Water Resources Engineering	2	1	0	6	B	Prof VenkappayyA R.Desai Prof. K V Jayakumar	301
		Institute Elective-I	2	1	0	6		-	-
		Total Credits				39			

#### CSE -Semester IV

S.No	Course cod	Course name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CS 202	Automata theory	3	1	0	8	G +A3	Prof. Ramchandra Phawade	111
2	CS 209	Artificial intelligence	3	0	0	6	D	Prof. Dileep A D	003
3	CS 301	Computer Architecture	3	0	0	6	B	Prof. Gayathri Ananthanarayanan	006
4	EE 204	Digital systems	3	0	0	6	C	Prof. Ruma Ghosh	109
5	EE 214	Digital Circuits Lab	3	0	0	3	L	Prof. Ruma Ghosh	-
6	CS 214	Artificial intelligence lab	0	0	3	3	H1,I1,J1	Prof. Dileep A D	CIF 401 and 402
7	CS 311	Computer Architecture lab	0	0	3	3	H2,I2,J2	Prof. Gayathri Ananthanarayanan	CIF 401 and 402
		Total credits				35			

#### EE -Semester IV

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	EE 206	Introduction to Electrical Machines (1st Half)	3	0	0	3	B	Prof. Animesh Kumar Sahoo	001
2	EE 209	Introduction to Power Electronics (2nd Half)	3	0	0	3	E	Prof. Sairam Boggavarapu	101
3	EE 208	Engineering Electromagnetics (1st Half)	2	1	0	3	E	Prof. Sairam Boggavarapu	101

4	EE 223	Introduction to Power Systems (2nd Half)	2	0	2	3	B	Prof. Pratyasa Bhui	001
5	EE 232	Introduction to Communication Systems (1st Half)	3	0	0	3	F	Prof. Gopal Krishna Kamath M	105
6	EE 216	Communications Lab (2nd Half)	0	0	4	2	H1,I1,J1,K1	Prof. Gopal Krishna Kamath M	-
7	EE 204	Digital Systems	3	0	0	6	C	Prof. Ruma Ghosh	109
8	EE 214	Digital Circuits Lab	0	0	3	3	H2,I2,J2	Prof. Ruma Ghosh	-
9	EE 226	Control Systems and Laboratory	2	0	2	6	D1+D2+D3,A3	Prof. Punnag Chatterjee	006
10	EE 212	Devices and Circuits Lab	0	0	3	3	M	Prof. Vigneshwara Raja P	-
		Total Credits				35			

#### EP -Semester IV

Sl. No.	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	PH 304	Statistical Physics	2	1	0	6	D	Prof. Koushik Saha	LG06
2	PH 312	General Physics Laboratory	0	0	3	3	H1,I1,J1	Prof. Santosh Kumar	-
3	EE 204	Digital Systems	2	1	0	6	C	Prof. Nagaveni S	107
4	CS 301	Computer Architecture	2	1	0	6	B	Prof. Gayathri Ananthanarayanan	006
5	ME 201	Engineering Mechanics	2	1	0	6	A	Prof. Satyapriya Gupta	008
6	EE 212	Devices and Circuits Laboratory	0	0	3	3	M	Prof. Vigneshwara Raja P	-
7	EE 214	Digital Circuits Laboratory	0	0	3	3	G2E2	Prof. Nagaveni S	-
8	CS 311	Computer Architecture Lab	0	0	3	3	H2,I2,J2	Prof. Gayathri Ananthanarayanan	-
		Total Credits				36			

#### MaC -Semester IV

S.No	Course code	Course name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental studies	3	0	0	6	E	Prof. K V Jayakumar	106
2	CS 209	Artificial intelligence	3	0	0	6	D	Prof. Dileep A D	003
3	CS 301	Computer Architecture	3	0	0	6	B	Prof. Gayathri Ananthanarayanan	006
4	CS 214	Artificial intelligence Laboratory	0	0	3	3	H1,I1,J1	Prof. Dileep A D	CIF 401 and 402
5	CS 311	Computer Architecture Laboratory	0	0	3	3	H2,I2,J2	Prof. Gayathri Ananthanarayanan	CIF 401 and 402
6	MA 220	Real Analysis	2	1	0	6	A	Prof. Veekesh Kumar	LG05
7	MA 210	Statistics	3	0	0	6	G	Prof. Debalina Chakravarty	LG03
		Total credits				36			

#### ME -Semester IV

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	ME 208	Mechanical Measurements	3	0	0	6	F	Prof. Sushanta K. Sethi	LG10
2	ME 202	Engineering Materials	2	1	0	6	A	Prof. Anbukkarasi Rajendran	LG10
3	ME 309	Theory of Machines	2	1	0	6	C	Prof. Sangamesh Deepak R	111
4	ME 220	Heat Transfer	2	1	0	6	B	Prof. Surya Prakash Ramesh	003

5	MA 407	Introduction to Numerical Linear Algebra (1st Half)	3	1	0	4	I+K2	Prof. Rajshekhar Bhat	101
6	ME 224	Fluid Mechanics Laboratory	0	0	3	3	L+M	Prof. Ramjee Repaka Prof. Surya Prakash Ramesh	-
7	EE 226	Control Systems and Laboratory	2	0	2	6	D1+D2+J3,K3	Prof. Punnag Chatterjee	006
Total Credits							37		

#### BS-MS Major in Biology - Semester IV

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	BB 403	Metabolism and Bioenergetics	2	1	0	6	B	Prof. Swananda Marathe	307
2	BB 404	Biophysics (1st Half)	3	0	0	3	A	Prof. Surya Pratap Singh	307
3	BB 411	Biology Lab I	0	0	3	3	M	Prof. Surya Pratap Singh	-
4	BB 606	Biophysical Methods (2nd Half)	3	0	0	3	A	Prof. Surya Pratap Singh	307
5		Institute Elective – I	3	0	0	6		-	-
6		Program Elective-I	3	0	0	6		-	-
7		HSS Elective-I	3	0	0	6		-	-
Total Credits							33		

#### BS-MS Major in Chemistry - Seme - IV

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CH 308	Non-transition and Transitional Metal Chemistry	2	1	0	6	A	Prof. Kundan Kumar Singh Sagar	302
2	CH 310	Organic Reactions and Reagents	2	1	0	6	H	Prof. Satavisha Kayal	LG03
3	CH 309	Chemical Bonding and Symmetry	2	1	0	6	B	Prof. Mahesh Gudem	304
4	CH 320	Molecular Energetics and Dynamics	2	1	0	6	D	Prof. Sudhir Kumar Sahoo	305
5		Program Elective-I	2	1	0	6		-	-
6	CH 311	Chemistry laboratory-I	0	0	3	3	L	Prof. Rajeswara Rao M	-
Total Credits							33		

#### BS-MS Major in Physics- Seme - IV

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
2	EE 229	Electronic Devices (2nd Half)	3	0	0	3	F	Prof. Vigneshwara Raja P	105
3	PH 322	Mathematical Physics-I	2	1	0	6	B	Prof. D Narasimha	305
4		Program Elective-I	2	1	0	6		-	-
5		HSS Elective-I	3	0	0	6		-	-
	PH 312	General Physics Laboratory	0	0	3	3	H1,I1,J1	Prof. Santosh Kumar	-
ALO									
Total Credits							30		

**BS-MS Major in Mathematics- Seme - IV**

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	MA 220	Real Analysis	2	1	0	6	A	Prof. Veekesh Kumar	LG05
2	MA 221	Group Theory	2	1	0	6	D	Prof. Shraddha Srivastava	LG05
3	MA 202	Advanced Linear Algebra	2	1	0	6	J	Prof. Shreedevi Masuti-	LG08
4		Program Elective-I				6	-	-	-
5		Program Elective-II				6	-	-	-
		Total Credits				30			

**M.Tech. EE - Seme - IV**

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	EE 708	MTech Project II				32	-	-	-
		Total Credits				32			

**M.Tech. ME - Seme - IV**

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	ME 667	MTech Technical Project work - Phase II				32	-	-	-
		Total Credits				32			

**Semester VI (2022 Batch)**

**CBE-Semester VI (Yellow highlights are courses must for honors)**

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CH 402	Catalysis	3	0	0	3	I	Prof. Kundan Kumar Singh Sagar	LG05
2	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
3	EE 226	Control Systems and Laboratory	2	0	2	6	D1+D2+D3,A3	Prof. Punnag Chatterjee	006
4		Programme elective-III	3	0	0	6		-	-
5		Programme elective-IV	3	0	0	6		-	-
6	CL 303	Scientific Presentation	0	0	3	3	B	Prof. Ravi C. Dutta	309
7	CL 401	Chemical Reaction Engineering-II	3	0	0	6	H	Prof. Somasekhara Goud Sontti	LG05
		Total Credits				30			

**CIE - Semester VI**

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 306	Design of Steel Structures	2	1	0	6	B	Prof. Ramesh Nayaka	302
2	CE 310	Sensors Technologies & Instrumentation in Civil Engineering	2	0	2	6	A+L	Prof. Somil Yadav	LG06

3	CE 308	Foundation Engineering	2	1	0	6	D	Prof. Giridhar Rajesh Bande	304
5	CE 309	Estimation and Costing in Civil Engineering	2	1	0	6	C	Prof. Sanatkumar P Rajamane Jain	304
6		Institute Elective-II	2	1	0	6		-	-
7		HSS Elective-I	2	1	0	6		-	-
		Total Credits				36		-	-

#### CSE - Semester VI

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CS 348	Computer Networks	3	0	0	6	F	Prof. Tamal Das	107
2	CS 323	Compilers	3	0	0	6	G	Prof. Achyut Mani Tripathi	101
3	CS 316	Compilers lab	0	0	3	3	A2,B2,C2	Prof. Achyut Mani Tripathi	CIF 401 and 402
4	CS 315	Computer networks lab	0	0	3	3	A1,B1,C1	Prof. Tamal Das	CIF 401 and 402
5		HSS Elective II*	3	0	0	6		-	
6	CE 301	Environmental studies	3	0	0	6	E	Prof. K V Jayakumar	106
7		Elective III / R&D I/II#	3	0	0	6		-	-
		Total credits				36			

#### EE - Semester VI

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
2	EE 314	Electronics Design Lab	3	0	0	6	L+A2,B2,C2	Prof. Amarkumar Prof. Saroj Mondal	-
3		Elective Courses				24		-	
		Total Credits				36		-	

#### EP - Semester VI

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	PH 434	Condensed Matter Physics	2	1	0	6	C	Prof. Santosh Kumar	LG03
2	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
3		HSS Elective - I	3	0	0	6		-	-
4	xxxx/PH 309/PH 320	Institute Elective – 1 / RnD Project-I or RnD Project- II	2	1	0	6		-	-
5	PH 411	Advanced Physics Laboratory	0	0	3	3	L	Prof. Kavita Devi	
6	ME 331	Mechanics and Measurement Lab	1	0	3	5	F1+M	Prof. Keerthi M C	308
7	PH 307	Seminar – 1	0	0	3	3		-	-
		Total Credits				35			

#### MnC - Semester VI

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CS 202	Automata theory	3	1	0	8	G +A3	Prof. Ramchandra Phawade	111
2	MA 221	Group Theory	2	1	0	6	D	Prof. Shraddha Srivastava	LG05
3	MA 320	Introduction to Mathematical Finance 2	3	0	0	6	SP1 & SP2 (Exams will be conducted in B slot)	Prof. External Faculty	LG05
4		CSE Elective /Mathematics Elective/R&D project				6		-	-
5		HSS Elective II	3	0	0	6		-	-
		Total credits				32			

#### ME - Semester VI

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
2	ME 313	Kinematics and Dynamics of Machinery Laboratory	0	0	3	3	L	Prof. Tejas Prakash Gotkhindi	-
3	ME 315	Manufacturing processes Laboratory	0	0	3	3	M	Prof. Vyom Sharma	-
4	ME 316	Applied Thermodynamics Laboratory	0	0	3	3	F1,G1	Prof. Dhiraj V. Patil Prof. Hiranya Deka	-
5	MA 406	Introduction to Numerical Methods (1st Half)	3	1	0	4	D+F2	Prof. Dhiraj V Patil	001
6		Elective Course from Physics Department	3	0	0	6		-	-
7		Elective 2	3	0	0	6		-	-
8		Elective 3	3	0	0	6		-	-
		Total Credits				37			

#### BS - MS Major in Biology - Semester VI

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
2		Institute Elective – III				6		-	-
3		Program Elective	2	1	0	6		-	-
4		Institute Elective – IV				6		-	-
5	BB 413	Biology Lab III	0	0	6	6	L+M	Prof. Sudhanshu Shukla	-
		Total Credits				30			

#### BS - MS Major in Chemistry - Semester VI

S. No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
2	CH 307	Instrumental Methods for Structure Determination	3	0	0	6	C	Prof. Nilkamal Mahanta Prof. Satavisha Kayal	305
3	CH 313	Chemistry laboratory-III	0	0	3	3	L	Prof. Mahesh Gudem Prof. Satavisha Kayal	-

4		Program Elective-V	2	1	0	3		-	-
5		Program Elective-VI	2	1	0	6		-	-
6		Institute Elective – I	3	0	0	6		-	-
		<b>Total Credits</b>				<b>30</b>			

**BS - MS Major in Mathematics - Semester VI**

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
	MA 305	Ordinary Differential Equations	2	1	0	6	G	Prof. Shiv Prakash Patel	LG05
	MA 901	Measure Theory	2	1	0	6	F	Prof. Dhriti Ranjan Dolai	LG05
		Program Elective-III				6		-	-
		HSS Elective-I	3	0	0	6		-	-
		<b>Total Credits</b>				<b>30</b>			

**BS - MS Major in Physics - Semester VI**

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1	CE 301	Environmental Studies	3	0	0	6	E	Prof. K V Jayakumar	106
2		Program Elective-II	2	1	0	6		-	-
3		Institute Elective – I	2	1	0	6		-	-
4		Institute Elective – II / Minor Project-I	0	0	6	6		-	-
5	PH 411	Advanced Physics Laboratory	0	0	3	3	L	Prof. Kavita Devi	-
6	EE 212	Devices and Circuit Lab	0	0	3	3	M	Prof. Vigneshwara Raja P	-
7		ALO						-	-
		<b>Total Credits</b>				<b>30</b>			

**Semester VIII (2021 Batch)**

**CSE - Semester VIII**

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1		Elective IV				6	-	-	-
2		Elective V				6	-	-	-
3		Elective VI / project				6	-	-	-
		<b>Total credits</b>				<b>18</b>	-	-	-

**EE -Semester VII & VIII**

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.

**EP - Semester VIII**

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1		Institute Elective 5				6	-	-	-
2		Institute Elective 6				6	-	-	-
3		Institute Elective 7/BTP - II				6	-	-	-
<b>Total credits</b>						<b>18</b>	-	-	-

**ME - Semester VIII**

S.No	Course Code	Course Name	L	T	P	C	Alloted Slot	Instructor	Venue
1		Elective				6	-	-	-
2		Elective				6	-	-	-
3		Elective / BTP - II				6	-	-	-
<b>Total credits</b>						<b>18</b>	-	-	-



## All Electives for Spring 2024-25

S.No.	Course code	Course Name	L	T	P	C	Slot	Course Instructor	Venue
1	BB 410	Bio-separations	3	0	0	6	F	Prof. Subhash Mehto	LG06
2	BB 701	Neurobiology	2	1	0	6	C	Prof. Swananda Marathe	301
3	BB 805	Molecular Biology of Cancer	3	0	0	6	B	Prof. Sudhanshu Shukla	313
4	BB 810	Research Philosophy	3	0	0	6	I	Prof. Narayan S Punekar	LG03
5	BB 915	Molecular Biology Techniques and Applications	3	0	0	6	A	Prof. Subhash Mehto	301
6	CE 601	Pavement Engineering	2	1	0	6	As per Instructor	Prof. Aniket V. Kataware	-
7	CE 602	Geosynthetic Engineering	2	1	0	6	As per Instructor	Prof. Giridhar Rajesh Bande	-
8	CE 603	3D Concrete Printing Technology	2	0	2	6	As per Instructor	Prof. Ramesh Nayaka	-
9	CE 605	Advanced Soil Mechanics	2	1	0	6	As per Instructor	Prof. Amarnath Hegde	-
10	CE 606	Vibrations and Structural Dynamics	2	1	0	6	As per Instructor	Prof. Ch. Hemanth Kumar	-
11	CE 607	Advanced Concrete Structures	2	1	0	6	As per Instructor	Prof. Ch. Hemanth Kumar	-
12	CH 307	Instrumental Methods for Structure Determination	3	0	0	6	C	Prof. Nilkamal Mahanta	305
13	CH 406	Material Science and Polymer Chemistry	3	0	0	6	G	Prof. Rajeswara Rao M.	308
15	CH 903	Interpretative NMR Spectroscopy and Mass Spectrometry	3	0	0	6	As per Instructor	Prof. Nilkamal Mahanta	-
16	CH 916	Optical and Electronic Properties of Pi-conjugated Compounds	3	0	0	6	As per Instructor	Prof. Rajeswara Rao M.	-
17	CH 919	Advanced Quantum Chemistry	3	0	0	6	As per Instructor	Prof. Mahesh Gudem	-
18	CH 911	Bioorganic Chemistry and Chemical Biology	3	0	0	6	As per Instructor	Prof. Nilkamal Mahanta	-
19	CL 801	Computational Techniques for Multiphase Flows	3	0	0	6	As per Instructor	Prof., Sontti Somasekhara Goud	-
20	CS 309	Research and Development Project	0	0	6	6	As per Instructor	Prof. Kedar Khandeparkar	-
21	CS 320	Research and Development Project II	0	0	6	6	As per Instructor	Prof. Kedar Khandeparkar	-
22	CS 405	B.Tech Project-CSE	0	0	6	6	As per Instructor	Prof. Kedar Khandeparkar	-
23	CS 409	B.Tech Project-CSE - II	0	0	6	6	As per Instructor	Prof. Kedar Khandeparkar	-
24	CS 410	Parallel Computing	3	0	0	6	J	Prof. Nikhil Hegde	101
25	CS 438	Natural Language Processing	3	0	0	6	K	Prof. Konjengbam Anand	001
26	CS 603	Approximation algorithms	3	0	0	6	I	Prof. Sandeep R.B	LG06
27	CS 426	Introduction to Blockchains	3	0	0	6	H	Prof. Siba Narayan Swain	101
28	CS 608	FPGA for communication networks prototyping	3	0	0	6	I	Prof. Koteswararao Kondepu	LG08
29	CS 632	Runtime Verification	3	0	0	6	K	Prof. Rajshekar K	006
30	CS 707	Advanced Topics in Deep Learning	3	0	2	8	H + M	Prof. Vandana Bharti	109
31	EE 331	Research and Development Project	0	0	6	6	Not needed	Prof. Samba Raju Chiluveru	-
32	EE 332	Project in Machine Learning	0	0	6	6	Not needed	Prof. Samba Raju Chiluveru	-
33	EE 333	Research and Development Project II	0	0	6	6	Not needed	Prof. Samba Raju Chiluveru	-
34	EE 407	B.Tech. Project EE	0	0	6	6	Not needed	Prof. Samba Raju Chiluveru	-
35	EE 423	B.Tech. Project EE II	0	0	6	6	Not needed	Prof. Samba Raju Chiluveru	-
36	EE 432	Information theory	3	0	0	6	J	Prof. Bharath B. N	105
37	EE 606	Pattern Recognition and Machine Learning	3	0	0	6	K	Prof. Naveen M B	003
38	EE 606	Pattern Recognition and Machine Learning	3	0	0	6	K	Prof. Naveen M B	003
39	EE 608	Wireless Communication	3	0	0	6	G	Prof. Rajshekhar V Bhat	LG06
40	EE 611	Neural networks and deep learning (NNDL) Laboratory	0	0	3	3	A2+B2+C2	Prof. Rahul Jashvantbhai Pandya	-

41	EE 612	Pattern Recognition and Machine Learning (PRML) Laboratory	0	0	3	3	M	Prof. Naveen M B	-
42	EE 612	Pattern Recognition and Machine Learning (PRML) Laboratory	0	0	3	3	M	Prof. Bharath B. N	-
43	EE 617	Power System Simulation Lab	0	0	3	3	M	Prof. Animesh Kumar Sahoo	-
44	EE 617	Power System Simulation Lab	0	0	3	3	M	Prof. Pratyasa Bhui	-
45	EE 620	Neural Networks and Deep Learning	3	0	0	6	G	Prof. Rahul Jashvantbhai Pandya	LG08
46	EE 623	Advanced Power Electronics and Drives	3	0	0	6	H	Prof. Abhijit Kshirsagar	LG06
47	EE 624	Optimization Theory and Algorithms	3	0	0	6	H	Prof. Naveen M B	006
48	EE 626	VLSI Technology	3	0	0	6	D	Prof. Naveen Kadayinti	LG03
49	EE 633	Mixed signal VLSI Design	3	0	0	6	G	Prof. Naveen Kadayinti	LG10
50	EE 656	VLSI Testing and Testability	3	0	0	6	J	Prof. Saroj Mondal	LG10
51	EE 657	Introduction to HIL Testing Methods	1	0	1	3	F2,G2	Prof. Abhijit Kshirsagar	109
52	EE 657	Introduction to HIL Testing Methods	1	0	1	3	F2,G2	Prof. Animesh Kumar Sahoo	109
53	EE 691	Design of Photo Voltaic Systems	2	0	2	6	J+L	Prof. B Satish Naik	LG05
54	EE 694	Detection and Estimation Theory	3	0	0	6	F	Prof. Ameer K Mulla	LG03
55	EE 698	Computer Vision and Advanced Digital Image Processing	3	0	0	6	J	Prof. Shashaank Aswatha Mattur	107
56	EE 701	Power Semiconductor Devices	3	0	0	6	I	Prof. Vigneshwara Raja P	LG10
57	EE 705	Seminar	0	0	4	4	Not needed	Prof.Samba Raju Chiluveru	-
58	EE 708	M.Tech. Project - II	0	0	32	32	Not needed	Prof.Samba Raju Chiluveru	-
59	EE 715	Modelling and Control of Inverter-based Resources for Grid Integration	3	0	0	6	I	Prof. Animesh Kumar Sahoo	109
60	EE 715	Modelling and Control of Inverter-based Resources for Grid Integration	3	0	0	6	I	Prof. Pratyasa Bhui	109
61	HS 404	Applied Ethics	3	0	0	6	G	Prof.Jolly Thomas	105
62	HS 406	Introduction to Game Theory	3	0	0	6	I	Prof. Gopal Sharan Parashari	003
63	HS 420	Introduction to Literature	3	0	0	6	I	Prof. Ridhima Tewari	005
64	HS 429	International Finance	3	0	0	6	G	Prof. Mohana Rao Balaga	107
65	HS 601	Communication Skills		P/N P			E	Prof.Dileep A D	LG03
66	HS 601	Communication Skills					P/NP E	Prof. Gopal Krishna Kamath M	LG06
67	HS 602	Literary Theory and Criticism	4	0	0	8	As per Instructor	Prof. Ridhima Tewari	-
68	HS 603	Interdisciplinary Approaches to Literary Research	4	0	0	8	As per Instructor	Prof. Ridhima Tewari	-
69	HS 604	Econometrics	4	0	0	8	As per Instructor	Prof. Mohana Rao Balaga	-
70	HS 607	Research Methodology in Humanities and Social Sciences	3	0	0	6	As per Instructor	Prof. Debalina Chakravarty	-
71	HS 608	Principles of Microeconomics	3	0	0	6	As per Instructor	Prof. Gopal Sharan Parashari	-
72	HS 609	Applied Game Theory	3	0	0	6	As per Instructor	Prof. Gopal Sharan Parashari	-
73	HS 624	Research Methodlogy in Philosophy	3	0	0	6	As per Instructor	Prof.Jolly Thomas	-
74	HS 625	Problems in Applied ethics	3	0	0	6	As per Instructor	Prof.Jolly Thomas	-
75	HS 911	Seminar II				4	As per Instructor	Prof.Jolly Thomas	-
76	HS 403	Happiness and Well-being	3	0	0	6	I	Prof. Bhalachandra L Tembe	105
77	HS 910	Seminar				4	As per Instructor	Prof. Mohana Rao Balaga	-
78	MA 320	Introduction to Mathematical Finance-II	3	0	0	6	E	External	LG05
79	MA 704	Topics in Algebraic Combinatorics	3	0	0	6	As per Instructor	Prof.Shraddha Srivastava	-
80	MA 705	Introduction to Reflection Groups	3	0	0	6	As per Instructor	Prof.Shraddha Srivastava	-
81	ME 323	Introduction to Aerospace Engineering	3	0	0	6	C	Group Captain Dr. Prahlad Joshi	005
82	ME 329	Research and Development Project	0	0	6	6	As per Instructor	Prof.Omkar Baswaraj Bembalge	-
83	ME 330	Research and Development Project II	0	0	6	6	As per Instructor	Prof.Omkar Baswaraj Bembalge	-

84	ME 332	Basic Operation Research (1st Half)	3	0	0	3	B	Prof.Omkar Baswaraj Bembalge	LG05
85	ME 333	Human Factors in Automotive Design (2nd Half)	1.5	0	0	3	B	Prof.Pradeep Yammiyavar	LG05
86	ME 405	B.Tech. Project-ME	0	0	6	6	As per Instructor	Prof.Omkar Baswaraj Bembalge	-
87	ME 408	Geometric Modeling and Computer Graphics	2	0	2	6	H1+H3; A2+B2	Prof.Samarth S. Raut	111
88	ME 410	Computer Integrated Manufacturing	3	0	0	6	I	Prof.Vyom Sharma	111
89	ME 424	B.Tech Project ME - II	0	0	6	6	As per Instructor	Prof.Omkar Baswaraj Bembalge	-
90	ME 425	Additive Manufacturing	3	0	0	6	C	Prof.Somashekara M A	LG05
91	ME 428	Refrigeration and Air-conditioning	3	0	0	6	B	Prof.Ramjee Repaka	LG06
92	ME 444	Aerodynamics	3	0	0	6	A	Prof.Keerthi M C	309
93	ME 449	Bio Energy Conversion	3	0	0	6	H	Prof.Sreepathi L K	105
94	ME 603	Advanced Finite Element Methods	3	0	0	6	A	Prof.Amar Gaonkar	LG08
95	ME 604	Multiphase Flow	3	0	0	6	H	Prof.Hiranya Deka	LG08
96	ME 626	Experimental Methods in Thermal and Fluids Engineering	3	0	0	6	C	Prof.Sudheer Siddapureddy	LG06
97	ME 629	Fundamentals of Acoustics	3	0	0	6	J	Prof.Meenatchidevi Murugesan	109
98	ME 631	Metal Forming and Plasticity	3	0	0	6	J	Prof.Rakesh Lingam	LG06
99	ME 632	Mechanical Engineering Experimental Laboratory	1	0	3	5	D1 + E2,F2	Prof.Amar Gaonkar, Prof.Satyapriya Gupta, Prof.Meenatchidevi Murugesan	LG08
100	ME 646	Fracture Mechanics	3	0	0	6	B	Prof.Tejas Prakash Gotkhindi	LG08
101	ME 648	Design and Manufacturing of composites	3	0	0	6	H	Prof.Somashekara M A, Prof.Tejas Prakash Gotkhindi	107
102	ME 655	Fire Safety Engineering	2	0	2	6	H2+H3; A2+B2	Prof.Sudheer Siddapureddy	006
103	ME 669	Computational Gasdynamics	3	0	0	6	As per Instructor	Prof.Dhiraj V. Patil	-
104	PH 309	Research and Development Project-I					As per Instructor	Prof. Koushik Saha	-
105	PH 320	Research and Development Project-II				6	As per Instructor	Prof. Koushik Saha	-
106	PH 321	Minor Project-I	0	0	6	6	As per Instructor	Prof. R Prabhu	-
107	PH 424	Photonics	2	1	0	6	I	Prof. Kavita Devi	107
108	PH 426	Special Theory of Relativity	2	1	0	6	H	Prof. D Narasimha	LG10
109	PH 432	B. Tech. Project-EP-I					As per Instructor	Prof. Dhriti Sundar Ghosh	-
110	PH 433	B. Tech. Project-EP-II					As per Instructor	Prof. Santosh Kumar	-
111	PH 604	Research Seminar	0	0	4	4	As per Instructor	Prof. R Prabhu	-
112	PH 708	Superconductivity and Magnetism	2	1	0	6	As per Instructor	Prof. Santosh Kumar	-
113	PH 709	Quantum Computation	2	1	0	6	J	Prof. R Prabhu	LG03
114	PH 802	Quantum Information Theory	2	1	0	6	As per Instructor	Prof. R Prabhu	-
115	ME 910	Seminar	0	0	4	4	As per Instructor	Prof.Somashekara M A	-
116	MA 908	Seminar	0	0	4	4	As per Instructor	Prof. Sagnik Sen	-
117	BB 908	Seminar	0	0	4	4	As per Instructor	Prof Sudhanshu Shukla	-
118	CL 601	Seminar	0	0	4	4	As per Instructor	Prof. Suvamay Jana	-
119	CH 910	Seminar	0	0	4	4	As per Instructor	Prof. Nilkamal Mahanta	-
120	CE 910	Seminar	0	0	4	4	As per Instructor	Prof. Giridhar Rajesh Bande	-
121	CS 631	Seminar	0	0	4	4	As per Instructor	Prof. Dileep A D	-
122	PH 602	Research Project in Physics	2	1	0	6	As per Instructor	Prof. Dhriti Sundar Ghosh	-

123	MA 934	Seminar II	0	0	4	4	As per Instructor	Prof. Sagnik Sen	-
124	MA 321	Topics In Graph Theory	0	0	2	2	As per Instructor	Prof. Sagnik Sen	