

REVISED SLOT PATTERN

Day	8:30 – 9:25	9:30 – 10:25	10:30 – 11:25	11:30 – 12:25	Lunch break	14:00 – 14:55	15:00 – 15:55	16:00 – 16:55	17:00 – 17:55	18:05 – 19:30
Monday	A1	B1	C1	S1		H1	I1	J1	K1	Co-curricular Activities
Wednesday	D2	A2	B2	C2		J2	H2	I2	K2	
Friday	C3	D3	A3	B3		I3	J3	H3	K3	

Day	8:30 – 9:55		10:00 – 11:25		11:30 – 12:25	Lunch break	14:00 – 15:25	15:30 – 16:55	17:00 – 17:55	18:05 – 19:30	
Tuesday	E1		F1		D1		L1	L2	Q1	Co-curricular Activities	
Thursday	F2		E2		S2		M1	M2	Q2		
Saturday		9:30- 10:55		11:00-12:25							
		Co-curricular Activities		Co-curricular Activities							

Category	Slot	Days	Duration/Each
Theory Core Slots	A, B, C, D	Monday/Tuesday, Wednesday, Friday	55 Minutes
	E, F	Tuesday, Thursday	85 Minutes
Theory elective slots	H, I, J	Monday, Wednesday, Friday	55 Minutes
Minor /Honours slots	K	Monday, Wednesday, Friday	55 Minutes
Quiz slots/ Special lecture slots	Q, S	Monday, Tuesday, Thursday	55 Minutes
Laboratory core slots	L, M	Tuesday, Thursday	85 Minutes
Laboratory elective slots	H, I, J, K	Monday, Wednesday, Friday	55 Minutes

Mid semester / End semester examination Pattern		
Day	Morning Slots	Evening Slots
Day 1	A	H
Day 2	B	
Day 3	C	I
Day 4	D	
Day 5	E	J
Day 6	F	K

2nd Semester (2025 Batch)	
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BSMS										
S.No	New Course Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CS101T	Data Structures and Algorithms (S1)	3	0	0	6	B	006	Prof. Kedar Vithal Khandeparkar	
2	BB201T	Biomolecules	2	1	0	6	A	101	Prof. Bal Krishna Chaube	
3	MA109T	Linear Algebra and Differential Equations	3	1.5	0	9	E + F2	106	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
4	PH102T	Electricity and Magnetism	2	1	0	6	D	101	Prof. Kavita Devi	
5	CH203T	States of Matter (1st Half)	3	0	0	3	C	111	Prof. Sudhir Kumar Sahoo	
6	CH201T	Organic Chemisrty (2nd Half)	3	0	0	3	C	111	Prof. Nilkamal Mahanta	
7	CS101L	Data Structures and Algorithms Laboratory (S1)	0	0	3	3	L		Prof. Kedar Vithal Khandeparkar	
8	CH101L	Hands on Science Laboratory - II	0	0	3	3	H2,I2,J2		Prof. Mahesh Gudem/Prof. Koushik Saha/???	
9	CC101P,CC102P,CC103P,CC104P	NSO/NSS/NCC/NCA	0	0	2	2			Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath,Prof. Jolly Thomas	
Semester Total Credits						41				
Chemical and Biochemical Engineering										
S.No	New Course Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor	
1	MA109T	Linear Algebra and Differential Equations	3	1.5	0	9	E + F2	106	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
2	ME101C	Engineering Graphics Lab	1.5	0	3	6	F1+H1,I1,J1	107	Prof. Rakesh Lingam	
3	ME101L	Hands on Engineering Lab (S2)	0	0	3	3	H2,I2,J2		Prof. Satyapriya Gupta/Prof. Saroj Mondal/Prof. Konjengbam Anand	
4	CL101T	Introduction to Chemical Engineering	3	0	0	6	B	LG 10	Prof. Suvamay Jana	
5	BB201T	Biomolecules	2	1	0	6	A	101	Prof. Bal Krishna Chaube	
6	CH201T	Organic Chemisrty (2nd Half)	3	0	0	3	C	111	Prof. Nilkamal Mahanta	
7	CC101P,CC102P,CC103P,CC104P	NSO/NSS	0	0	2	2			Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath,Prof. Jolly Thomas	
Semester Total Credits						35				

Computer Science and Engineering										
S.No	New Course Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor	
1	MA109T	Linear Algebra and Differential Equations	3	1.5	0	9	E + F2	106	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
2	EE103T	Digital Systems (S2)	3	0	0	6	C	105	Prof. Samatha Benedict	
3	EE101L	Digital Circuits Laboratory (S2)	0	0	3	3	H3,I3,J3		Prof. Ruma Ghosh	
4	CS101T	Data Structures and Algorithms (S2)	3	0	0	6	B	010	Prof. Vijeth Jinachandra Kotagi	
5	CS202T	Discrete Structures	3	0	0	6	D	001	Prof. Tamal Das	
6	CS101L	Data Structures and Algorithms Laboratory (S2)	0	0	3	3	M		Prof. Vijeth Jinachandra Kotagi	
7	CC101P,CC102P,CC103P,CC104P	NSO/NSS/NCC/NCA	1	0	0	2			Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath,Prof. Jolly Thomas	

Semester Total Credits

35

Civil and Infrastructure Engineering										
S.No	New Course Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE101T	Introduction to Civil Engineering	2	1	0	6	C	309	Prof. Amarnath Hegde	
2	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
3	MA109T	Linear Algebra and Differential Equations	3	1.5	0	9	E + F2	106	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
4	ME101C	Engineering Graphics Lab	1.5	0	3	6	F1+H1,I1,J1	107	Prof. Rakesh Lingam	
5	CS101T	Data Structures and Algorithms (S1)	3	0	0	6	B	006	Prof. Kedar Vithal Khandeparkar	
6	CS101L	Data Structures and Algorithms Laboratory (S1)	0	0	3	3	L		Prof. Kedar Vithal Khandeparkar	
7	ME101L	Hands on Engineering Lab (S2)	0	0	3	3	H2,I2,J2		Prof. Satyapriya Gupta/Prof. Saroj Mondal/Prof. Konjengbam Anand	
8	CC101P,CC102P,CC103P,CC104P	NSO/NSS/NCC/NCA	1	0	0	2			Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath,Prof. Jolly Thomas	

Semester Total Credits

41

Mathematics and Computing										
S.No	New Course Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor	
1	MA109T	Linear Algebra and Differential Equations	3	1.5	0	9	E + F2	106	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
2	CS101T	Data Structures and Algorithms (S2)	3	0	0	6	B	010	Prof. Vijeth Jinachandra Kotagi	
3	CS101L	Data Structures and Algorithms Laboratory (S2)	0	0	3	3	M		Prof. Vijeth Jinachandra Kotagi	
4	EE103T	Digital Systems (S1)	2	1	0	6	C	101	Prof. Ruma Ghosh	
5	EE101L	Digital Circuits Laboratory (S2)				3	H3,I3,J3		Prof. Ruma Ghosh	
6	CS202T	Discrete Structures	3	0	0	6	D	001	Prof. Tamal Das	
7	CE301T	Environmental studies	3	0	0	6	A	115	Prof. K V Jayakumar	
8	CC101P,CC102P,CC103P,CC104P	NSO/NSS/NCA/NCC	0	0	0	2			???	
Semester Total Credits						41				
Engineering Physics										
S.No	New Course Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CS101T	Data Structures and Algorithms (S2)	3	0	0	6	B	010	Prof. Vijeth Jinachandra Kotagi	
2	ME206T	Thermodynamics	3	0	0	6	C	003	Prof. Keerthi M. C.	
3	MA109T	Linear Algebra and Diffrential Equations	3	1.5	0	9	E + F2	106	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
4	PH102T	Electricity and Magnetism	2	1	0	6	D	101	Prof. Kavita Devi	
5	ME101L	Hands on Engineering Laboratory (S3)	0	0	3	3	L		Prof. Hiranya Deka/Prof. Saroj Mondal/Prof. Konjengbam Anand	
6	ME101C	Engineering Graphics Lab	1.5	0	3	6	F1+H1,I1,J1	107	Prof. Rakesh Lingam	
7	CS101L	Data Structures and Algorithms Laboratory (S2)	0	0	3	3	M		Prof. Vijeth Jinachandra Kotagi	
8	CC101P,CC102P,CC103P,CC104P	NSO/NSS/NCC/NCA	0	0	2	2			Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath,Prof. Jolly Thomas	

Semester Total Credits	41
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Mechanical Engineering									
S.No	New Course Code	Course	L	T	P	C	Slot Assigned	Venue	Instructor
1	MA111T	Calculus and Vector Calculus	3	0	0	6	E	LG 10	Prof. Keerthi M. C. + Prof. Tejas Prakash Gotkhindi
2	ME101C	Engineering Graphics	1.5	0	3	6	F1+H2,I2,J2	109	Prof. Omkar Baswaraj Bembalge
3	ME206T	Thermodynamics	3	0	0	6	C	003	Prof. Keerthi M. C.
4	CS101T	Data Structure and Algorithms (S1)	3	0	0	6	B	006	Prof. Kedar Vithal Khandeparkar
5	CS101L	Data Structure and Algorithms laboratory (S1)	3	0	0	3	L		Prof. Kedar Vithal Khandeparkar
6	ME204T	Manufacturing Processes-I	3	0	0	6	A	105	Prof. Vyom Sharma
7	ME103T	Engineering Metrology and Measurements	3	0	0	3	D	105	Prof. Somashekara M. A.
8	CC101P,CC102P,CC103P,CC104P	NSO/NSS/NCC/NCA	0	0	2	2			Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath, Prof. Jolly Thomas
Semester Total Credits						38			

4th Semester (2024 Batch)

CBE

S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	Remark
1	CL201L	Chemical Engineering lab-I	0	0	3	3	L	LG 03	Prof. Sontti Somasekhara Goud	
2	CL206T	Materials Science for Chemical Engineers	3	0	0	6	B	307	Prof. C. Ravikumar	
3	MA103T	Diffrential Equations (2nd half only)	3	1	0	4	E + F2	106	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
4	BB403T	BioPhysics (1st Half)	3	0	0	3	C	LG 03	Prof. Surya Pratap Singh	
5	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
6	CL201T	Reaction Engineering	3	0	0	6	D	LG 03	Prof. Ashok Kumar Ummireddi	
7	CH201T	Organic Chemisrty (2nd Half)	3	0	0	3	C	111	Prof. Nilkamal Mahanta	
8	CL202T	Mass Transfer	3	0	0	6	H	307	Prof. Ravi C Dutta	Exam in F slot
		Total Credits				37				

CIE

S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE202T	Surveying and Geomatics	2	1	0	6	C	301	Prof. Aniket Vasantrao Kataware	
2	CE202L	Surveying and Geomatics Laboratory	0	0	3	3	E1,F1		Prof. Aniket Vasantrao Kataware	
3	CE203T	Structural Analysis	2	1	0	6	B	LG 08	Prof. Chinthapalli Hemanth Kumar	
4	ME204L	Solid Mechanics Laboratory	0	0	3	3	E2,F2		Prof. Chinthapalli Hemanth Kumar	
5	ME202L	Fluid Mechanics Laboratory (S1)	0	0	3	3	L		Prof. Somil Yadav	
6	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
7	CE204T	Water Resources Engineering	2	1	0	6	D	LG 10	Prof. Venkappayya R. Desai	
8		Institute Elective-I	2	1	0	6				
		Total Credits				39				

CSE

S.No	New Course Code	Course name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CS201T	Automata theory	3	1	0	8	A + S2	111	Prof. Ramchandra Phawade	

2	CS204T	Artificial intelligence	3	0	0	6	D	003	Prof. Dileep A D	
3	CS302T	Computer Architecture	3	0	0	6	I	105	Prof. Gayathri Ananthanarayanan	Exam in E slot
4	EE103T	Digital Systems (S2)	3	0	0	6	C	105	Prof. Samatha Benedict	
5	EE101L	Digital Circuits Laboratory (S3)	3	0	0	3	L		Prof. Naveen Kadayinti	S3
6	CS201L	Artificial intelligence lab	0	0	3	3	E2,F2		Prof. Dileep A D	
7	CS301L	Computer Architecture lab	0	0	3	3	E1,F1		Prof. Gayathri Ananthanarayanan	
Total Credits						35				

EEE

<u>S.No</u>	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	EE208T	Control Systems Engineering	3	0	0	6	E	006	Prof. Gopal Krishna Kamath M.	
2	EE203L	Control Systems Engineering Lab	0	0	3	3	H3,I3,J3		Prof. Ameer Kalandar Mulla	
3	EE209T	Introduction to modern communication systems	2	0	2	6	D + H2,J2	006	Prof. Gopal Krishna Kamath M.	
4	EE202T	Introduction to Electrical Machines (1st Half)	3	0	0	3	F	006	Prof. Amarkumar Ayodhyasingh Kushwaha	
5	EE206T	Introduction to Power Systems (2nd Half)	3	0	0	3	A	LG 06	Prof. Pratyasa Bhui	
6	EE203T	Introduction to Power Electronics (1st Half)	3	0	0	3	A	LG 03	Prof. Animesh Kumar Sahoo	
7	EE202L	Electrical Mechines and Power Electronics Lab	0	0	3	3	H1,I,J1		Prof. Satish Naik Banavath + Prof. Sairam Boggavarapu	
8	CS101T	Data Structures and Algorithms (S1)	3	0	0	6	B	006	Prof. Kedar Vithal Khandeparkar	
9	CS101L	Data Structures and Algorithms Lab (S1)	0	0	3	3	L		Prof. Kedar Vithal Khandeparkar	
		Total Credits				36				

ECE

<u>S.No</u>	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	EE208T	Control Systems Engineering	3	0	0	6	E	006	Prof. Gopal Krishna Kamath M.	
2	EE203L	Control Systems Engineering Lab	0	0	3	3	H3,I3,J3		Prof. Ameer Kalandar Mulla	
3	EE209T	Introduction to modern communication systems	2	0	2	6	D + H2,J2	006	Prof. Gopal Krishna Kamath M.	

4	EE202T	Introduction to Electrical Machines (1st Half)	3	0	0	3	F	006	Prof. Amarkumar Ayodhyasingh Kushwaha	
5	EE206T	Introduction to Power Systems (2nd Half)	3	0	0	3	A	LG 06	Prof. Pratyasa Bhui	
6	EE203T	Introduction to Power Electronics (1st Half)	3	0	0	3	A	LG 03	Prof. Animesh Kumar Sahoo	
7	EE202L	Electrical Mechines and Power Electronics Lab	0	0	3	3	H1,I1,J1		Prof. Satish Naik Banavath + Prof. Sairam Boggavarapu	
8	CS101T	Data Structures and Algorithms (S2)	3	0	0	6	B	010	Prof. Vijeth Jinachandra Kotagi	
9	CS101L	Data Structures and Algorithms Laboratory (S2)	0	0	3	3	M		Prof. Vijeth Jinachandra Kotagi	
		Total Credits				36				

EP

Sl. No.	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	PH305T	Statistical Physics	2	1	0	6	A	LG 05	Prof. Koushik Saha	
2	EE103T	Digital Systems (S1)	2	1	0	6	C	101	Prof. Ruma Ghosh	
3	CS302T	Computer Architecture	2	1	0	6	I	105	Prof. Gayathri Ananthanarayanan	Exam in E slot
4	EE105T	Electronic Devices (Post Mid Sem)	3	0	0	3	D	010	Prof. Vigneshwara Raja P.	
5	ME201T	Engineering Mechanics	2	1	0	6	B	101	Prof. Omkar Baswaraj Bembalge	
6	PH301L	General Physics Laboratory	0	0	3	3	M		Prof. Santosh Kumar	
7	EE101L	Digital Circuits Laboratory (S3)	0	0	3	3	L		Prof. Naveen Kadayinti	
8	CS301L	Computer Architecture Lab	0	0	3	3	E1,F1		Prof. Gayathri Ananthanarayanan	
		Total Credits				36				

Maths & Computing

S.No	New Course Code	Course name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE301T	Environmental studies	3	0	0	6	A	115	Prof. K V Jayakumar	
2	CS204T	Artificial intelligence	3	0	0	6	D	003	Prof. Dileep A D	
3	CS302T	Computer Architecture	3	0	0	6	I	105	Prof. Gayathri Ananthanarayanan	Exam in E slot
4	CS201L	Artificial intelligence Laboratory	0	0	3	3	E2,F2		Prof. Dileep A D	
5	CS301L	Computer Architecture Laboratory	0	0	3	3	E1,F1		Prof. Gayathri Ananthanarayanan	

6	MA302T	Real Analysis	2	1	0	6	C	107	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
7	MA402T	Statistics	3	0	0	6	H2,J2 + S2	309	External faculty (Prof. G Ravindran)	Exam in H slot
Total credits							36			
ME										
S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	ME207T	Mechanical Measurements	3	0	0	6	E	LG 08	Prof. Sudheer Siddapureddy	
2	ME202T	Engineering Materials	2	1	0	6	D	111	Prof. Anbukkarasi R	
3	ME304T	Theory of Machines	2	1	0	6	A	LG 08	Prof. Sangamesh Deepak R.	
4	ME209T	Heat Transfer	2	1	0	6	C	001	Prof. Ramjee Repaka	
5	MA204T	Introduction to Numerical Linear Algebra (1st Half)	3	1	0	4	F + H1	105	Prof. Sangamesh Deepak R.	
6	ME202L	Fluid Mechanics Laboratory (S2, S3)	0	0	3	3	M+ H2,I2,J2		Prof. Surya Prakash Ramesh Prof. Ramjee Repaka	
7	ME208L	Control Systems and Laboratory	2	0	2	6	B + L		Prof. Punnag Chatterjee	
Total Credits							37			
BSMS-Biology										
S. No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	BB402T	Metabolism and Bioenergetics	2	1	0	6	B	313	Prof. Swananda Vishvas Marathe	
2	BB403T	Biophysics (1st Half)	3	0	0	3	C	LG 03	Prof. Surya Pratap Singh	
3	BB201L	Biology Lab I	0	0	3	3	L		Prof. Surya Pratap Singh	
4	BB406T	Biophysical Methods (2nd Half)	3	0	0	3	C	LG 03	Prof. Surya Pratap Singh	
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							
BSMS-Chemistry										
S. No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
2	CH501T	Organic Reactions and Reagents	3	0	0	6	B	304	Dr. Supriya Rej	

3	CH411T	Quantum Chemistry	3	0	0	6	J	101	Prof. Mahesh Gudem	
4	CH402T	Molecular Energetics and Dynamics	3	0	0	6	E	LG 06	Dr. Anmol Kumar (Prof. Nilkamal Mahanta)	
5		Institute Elective-I	3	0	0	6				
6	CH301L	Chemistry laboratory-I	0	0	3	3	L		Prof. Rajeswara Rao Malakalapalli	
		Total Credits				33				
BSMS-Mathematics										
S. No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	MA302T	Real Analysis	2	1	0	6	C	107	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	
2	MA303T	Group Theory	2	1	0	6	B	105	Prof. Shraddha Srivastava	
3	MA107T	Advanced Linear Algebra	2	1	0	6	A	107	Prof. Sagnik Sen	
4		Program Elective-I				6				
5		Program Elective-II				6				
		Total Credits				30				
BSMS-Physics										
S. No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
2	PH418T	Experimental Techniques	2	1	0	6	C	307	Prof. Dhriti Sundar Ghosh	
3	PH304T	Mathematical Physics-I	2	1	0	6	B	308	Prof. D Narasimha	
4	CS204T	Artificial Intelligence	2	1	0	6	D	003	Prof. Dileep A D	
5	CS201L	Artificial Intelligence Lab	0	0	3	3	E2,F2		Prof. Dileep A D	
6	PH301L	General Physics Laboratory	0	0	3	3	M		Prof. Santosh Kumar	
		Total Credits				30				

6th Semester (2023 Batch)

CBE

<u>S.No</u>	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CH403T	Catalysis (2nd Half)	3	0	0	3	C	313	Prof. Kundan Kumar Singh Sagar
2	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar
3	ME208L	Control Systems and Laboratory	2	0	2	6	B + L		Prof. Punnag Chatterjee
4	CS204T	Artificial Intelligence	3	0	0	6	D	003	Prof. Dileep A D
5	CS201L	Artificial Intelligence Lab	0	0	3	3	E2,F2		Prof. Dileep A D
6		Programme elective-II	3	0	0	6			
7		Programme elective-III	3	0	0	6			

Total Credits **36**

CIE

<u>S.No</u>	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CE306T	Design of Steel Structures	2	1	0	6	A	207	Prof. Ramesh Nayaka
2	CE301C	Sensor Technologies & Instrumentation in Civil Engineering	2	0	2	6	D2+D3+M	316	Prof. Somil Yadav
3	CE307T	Foundation Engineering	2	1	0	6	C	304	Prof. Giridhar Rajesh Bande
4	CE308T	Estimation and Costing in Civil Engineering	1.5	0	0	3	F1	310	Prof. Sanatkumar P Rajamane Jain
5		Institute Elective-II	2	1	0	6			
6		HSS Elective-I [from Basket: 1 OR 2] (Professional/Applied Ethics)	2	1	0	6			

Total Credits **33**

CSE

<u>S.No</u>	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CS305T	Computer networks	3	0	0	6	J	101	Prof. Koteswararao Kondepu
2	CS304T	Compilers	3	0	0	6	D	103	Prof. Achyut Mani Tripathi
3	CS304L	Compilers lab	0	0	3	3	E1,F1		Prof. Achyut Mani Tripathi
4	CS303L	Computer networks lab	0	0	3	3	E2,F2		Prof. Koteswararao Kondepu

5	HSS Elective II*		3	0	0	6			
6	CE301T	Environmental studies	3	0	0	6	A	115	Prof. K V Jayakumar
7		Elective III / R&D I/II#	3	0	0	6			
Total credits							36		
EE									
S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar
2	EE301L	Electronics Design Lab	0	0	6	6	B+C+S1 + M		Prof. Abhijit Kshirsagar + Prof. Naveen Kadayinti
3		Elective Courses				24			
Total Credits							36		
EP									
S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	PH402T	Condensed Matter Physics	2	1	0	6	J	107	Prof. Santosh Kumar
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar
2	PH401T	Quantum Mechanics - II	2	1	0	6	D	LG 05	Prof. R. Prabhu
3	ME207L	Mechanics and Measurement Lab	1	0	3	5	L + C1		Prof. Sudheer Siddapureddy
4	PH401S	Seminar – 1	0	0	3	3			Prof. Dhriti Sundar Ghosh
5		HSS Elective - I	3	0	0	6			
6		Institute Elective – 1 / RnD Project	2	1	0	6			
		Total Credits					38		
Maths & Computing									
S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CS201T	Automata theory	3	1	0	8	A + S2	111	Prof. Ramchandra Phawade
2	MA303T	Group Theory	2	1	0	6	B	105	Prof. Shraddha Srivastava
3	MA408T	Introduction to Mathematical Finance 2	3	0	0	6	F	LG 06	External faculty (Prof. G Ravindran)
4		CSE Elective /Mathematics Elective/R&D project				6			
5		HSS Elective II	3	0	0	6			
Total credits							32		

ME										
<u>S.No</u>	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
2	ME301L	Kinematics and Dynamics of Machinery Laboratory	0	0	3	3	M		Prof. Sangamesh Deepak R.	
3	ME206L	Manufacturing processes Laboratory	0	0	3	3	L		Prof. Vyom Sharma	
4	ME302L	Applied Thermodynamics Laboratory	0	0	3	3	E1,F1		Prof. Dhiraj V Patil + Prof. Hiranya Deka	
5	MA203T	Introduction to Numerical Methods (1st Half)	3	1	0	4	D + F2	109	Prof. Dhiraj V Patil	
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										
S. No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
2	BB402L	Bioinformatics Lab	0	0	3	3	M		Prof. Bal Krishna Chaube	
3		Program Elective	2	1	0	6				
4		Institute Elective – III				6				
5	BB301L	Biology Lab III	0	0	6	6	L + I1,J1,K1		Prof. Subhash Mehto/Prof. Sudhanshu Kumar Shukla	
		Total Credits					27			
BS-MS - Major in Chemistry										
S. No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor	
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar	
2	CH605T	Instrumental Methods for Structure Determination	3	0	0	6	F	LG 03	Prof. Nilkamal Mahanta + Prof. Supriya Rej	
3	CH402L	Chemistry laboratory-III	0	0	3	3	L		Prof. Kundan Kumar Singh Sagar	
4		Program Elective-V	2	1	0	3				

5		Program Elective-VI	2	1	0	6			
6		Institute Elective – I	3	0	0	6			
		Total Credits				30			
BS-MS - Major in Mathematics									
S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1	CE301T	Environmental Studies	3	0	0	6	A	115	Prof. K V Jayakumar
2	MA403T	Ordinary Differential Equations	2	1	0	6	C		???
3	MA617T	Measure Theory	2	1	0	6	B	310	Prof. Dhriti Ranjan Dolai
4		Program Elective-III				6			
5		HSS Elective-I	3	0	0	6			
		Total Credits				30			
BS-MS - Major in Physics									
<u>S.No</u>	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Program Elective-II	2	1	0	6			
2	PH401T	Quantum Mechanics - II	2	1	0	6	D	LG 05	Prof. R. Prabhu
3	PH305T	Statistical Physics	2	1	0	6	A	LG 05	Prof. Koushik Saha
4		Institute Elective – I	2	1	0	6			
5		Institute Elective – II / Minor Project-I	0	0	6	6			
6		ALO							
Total Credits						30			

8th Semester (2022 Batch)

CBE

S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Institute Elective-III	3	0	0	6			
2		Institute Elective-IV/ HSS elective	3	0	0	6			
3		Programme elective-VII/BTP -I	3	0	0	6			
4		Programme elective-VIII	3	0	0	6			
5		Programme elective-IX	3	0	0	6			
Total credits						30			

CE

S.No	New Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		BTP-II/Program Elective-II	2	1	0	6			
2		Institute Elective-IV				6			
Total credits						12			

CSE

S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Elective VIII				6			
2		Elective IX				6			
3	CS 409/	BTP/Elective X				6			
Total credits						18			

EE

S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		1. Student has to earn 36 credits in the fourth year. 2. Student may choose to earn zero or 6 or 12 credits through 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. 5. Student has to credit one 6 credits course from HSS Basket 1 and Basket 2, each.							
Total Credits						36			

EP

Sl. No.	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
2		Institute Elective – 4	2	1	0	6			
3		Institute Elective – 5	2	1	0	6			
4		Institute Elective – 6/ BTP-II	2	1	0	6			
Total Credits						18			
Maths & Computing									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		CSE Elective /Mathematics Elective				6			
2		Institute Elective/BTP				6			
3		Institute Elective				6			
Total Credits						18			
ME									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Elective Course 7	3	0	0	6			
2		Elective Course 8 / BTP	3	0	0	6			
Total Credits						12			
BS-MS - Major in Biology									
S. No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Program Elective	3	0	0	6			
2		Institute Elective -V	3	0	0	6			
3		Minor Project				12			
Total Credits						24			
BS-MS - Major in Chemistry									
S. No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Program ElectiveVIII/ Minor Project	2	1	0	6			
2		HSS Elective-II	3	0	0	6			
3		Institute Elective – IV	2	1	0	6			
4		Institute Elective – V	2	1	0	6			
Total Credits						24			
BS-MS - Major in Mathematics									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor

1		Program Elective-VI	2	1	0	6			
2		Institute Elective – II	2	1	0	6			
3		Institute Elective – III				6			
4		Institute Elective – IV				6			
5		Institute Elective – v				6			
		Total Credits	30						
BS-MS - Major in Physics									
S.No	Course Code	Course Name	L	T	P	C	Slot Assigned	Venue	Instructor
1		Program Elective-IV	2	1	0	6			
2		Institute Elective – VI	2	1	0	6			
3		Institute Elective – VII				6			
4		Institute Elective – VIII/ MinorProject- III (2-1-0-6)	0	0	6	6			
5	PH 308	Seminar – II	0	0	3	3	Prof. R. Prabhu		
		ALO							
Total Credits						27			

All the courses (Electives and Core courses)

All the courses (Electives and Core courses)

<u>Sl.No.</u>	Course Code	Course Name	L	P	T	C	Course Instructor Name	Alloted Slots	Venue	
1	BB201L	Biology Lab I	0	0	3	3	Prof. Surya Pratap Singh	L		
2	BB201T	Biomolecules	2	1	0	6	Prof. Bal Krishna Chaube	A	101	
3	BB301L	Biology Lab III	0	0	6	6	Prof. Subhash Mehto	L + I1,J1,K1		
4	BB301L	Biology Lab III	0	0	6	6	Prof. Sudhanshu Kumar Shukla	L + I1,J1,K2		
5	BB301P	ALO-UG Research Laboratory Exposure	2	0	2	2	Prof. Swananda Vishvas Marathe	No slot required		
6	BB301P	ALO-UG Research Laboratory Exposure	2	0	2	2	Prof. Sudheer Siddapureddy	No slot required		PG-only
7	BB401P	Minor Project				12	Prof. Swananda Vishvas Marathe	No slot required		
8	BB402L	Bioinformatics Lab	0	0	3	3	Prof. Bal Krishna Chaube	M		
9	BB402T	Metabolism and Bioenergetics	2	1	0	6	Prof. Swananda Vishvas Marathe	B	313	
10	BB403T	BioPhysics (1st Half)	3	0	0	3	Prof. Surya Pratap Singh	C	LG 03	
11	BB406T	Biophysical Methods (2nd Half)	3	0	0	3	Prof. Surya Pratap Singh	C	LG 03	
12	BB408T	Infectious Disease Biology	3	0	0	6	Prof. Subhash Mehto	F	313	
13	BB409T	Molecular mechanism of Human Disease (S1)	3	0	0	6	Prof. Bal Krishna Chaube	C	310	
14	BB409T	Molecular mechanism of Human Disease (S1)	3	0	0	6	Prof. Subhash Mehto	C	310	
15	BB409T	Molecular mechanism of Human Disease (S1)	3	0	0	6	Prof. Sudhanshu Kumar Shukla	C	310	
16	BB409T	Molecular mechanism of Human Disease (S1)	3	0	0	6	Prof. Swananda Vishvas Marathe	C	310	
17	BB501L	Genetic Engineering lab	0	0	6	6	Prof. Swananda Vishvas Marathe	No slot required		
18	BB601L	Medical Biochemistry Lab	0	0	3	3	Prof. Swananda Vishvas Marathe	M		
19	BB606T	Molecular Diagnostic Techniques	3	0	0	6	Prof. Sudhanshu Kumar Shukla	E	109	
20	BB608T	Research Philosophy	3	0	0	6	Prof. Swananda Vishvas Marathe	I	309	
21	BB701S	Seminar	0	0	4	4	Prof. Swananda Vishvas Marathe	No slot required		PG-only

All the courses (Electives and Core courses)

22	CC101P	National Service Scheme	0	0	2	2	Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath, Prof. Jolly Thomas			
23	CC102P	National Sports Organisation	0	0	2	2				
24	CC103P	National Cadet Corps	0	0	2	2				
25	CC104P	National Cultural Appreciation	0	0	2	2				
26	CE101T	Introduction to Civil Engineering	2	1	0	6	Prof. Amarnath Hegde	C	309	
27	CE202L	Surveying and Geomatics Laboratory	0	0	3	3	Prof. Aniket Vasantrya Kataware	E1,F1		
28	CE202T	Surveying and Geomatics	2	1	0	6	Prof. Aniket Vasantrya Kataware	C	301	
29	CE203T	Structural Analysis	2	1	0	6	Prof. Chinthapalli Hemanth Kumar	B	LG 08	
30	CE204T	Water Resources Engineering	2	1	0	6	Prof. Venkappayya R. Desai	D	LG 10	
31	CE301C	Sensor Technologies & Instrumentation in Civil Engineering	2	0	2	6	Prof. Somil Yadav	D2+D3+M	316	
32	CE301T	Environmental Studies	3	0	0	6	Prof. K V Jayakumar	A	115	Auditorium
33	CE306T	Design of Steel Structures	2	1	0	6	Prof. Ramesh Nayaka	A	207	
34	CE307T	Foundation Engineering	2	1	0	6	Prof. Giridhar Rajesh Bande	C	304	
35	CE308T	Estimation and Costing in Civil Engineering	1.5	0	0	3	Prof. Giridhar Rajesh Bande	F1	310	
36	CE402P	BTP-2	0	0	6	6	Prof. Giridhar Rajesh Bande	No slot required		
37	CE801C	3D Concrete Printing Technology	3	0	0	6	Prof. Ramesh Nayaka	No slot required		PG-only
38	CE801S	Seminar	0	0	4	4	Prof. Giridhar Rajesh Bande	No slot required		PG-only
39	CE801T	Pavement Engineering	3	0	0	6	Prof. Aniket Vasantrya Kataware	No slot required		PG-only
40	CE802C	Modern Construction Materials and Techniques	2	0	2	6	Prof. Ramesh Nayaka	No slot required		PG-only
41	CE802T	Geosynthetic Engineering	3	0	0	6	Prof. Giridhar Rajesh Bande	No slot required		PG-only
42	CE803C	Advanced Soil Mechanics	3	0	0	6	Prof. Amarnath Hegde	No slot required		PG-only
43	CE803T	Vibrations and Structural Dynamics	3	0	0	6	Prof. Chinthapalli Hemanth Kumar	No slot required		PG-only
44	CE804T	Advanced Concrete Structures	3	0	0	6	Prof. Chinthapalli Hemanth Kumar	No slot required		PG-only
45	CE805T	Environment Hydrology	3	0	0	6	Prof. K V Jayakumar	No slot required		PG-only
46	CH101L	Hands on Science Laboratory - II	0	0	3	3	???	H2,I2,J2		

All the courses (Electives and Core courses)

47	CH101L	Hands on Science Laboratory - II	0	0	3	3	Prof. Koushik Saha	H2,I2,J2		
48	CH101L	Hands on Science Laboratory - II	0	0	3	3	Prof. Mahesh Gudem	H2,I2,J2		
49	CH201T	Organic Chemistrty (2nd Half)	3	0	0	3	Prof. Nilkamal Mahanta	C	111	
50	CH203T	States of Matter (1st Half)	3	0	0	3	Prof. Sudhir Kumar Sahoo	C	111	
51	CH301L	Chemistry laboratory-I	0	0	3	3	Prof. Rajeswara Rao Malakalapalli	L		
52	CH401P	Minor Project-1	0	0	3	6	Prof. Sudhir Kumar Sahoo	No slot required		
53	CH402L	Chemistry laboratory-III	0	0	3	3	Prof. Kundan Kumar Singh Sagar	L		
54	CH402P	Minor Project-2	0	0	3	6	Prof. Sudhir Kumar Sahoo	No slot required		
55	CH402T	Molecular Energetics and Dynamics	2	1	0	6	Dr. Anmol Kumar (Prof. Nilkamal Mahanta)	E	LG 06	
56	CH403T	Catalysis (2nd Half)	3	0	0	3	Prof. Kundan Kumar Singh Sagar	C	313	
57	CH407T	Material Science and Polymer Chemistry	3	0	0	6	Prof. Rajeswara Rao Malakalapalli	S1, D1, and S2.	308	
58	CH411T	Quantum Chemistry	3	0	0	6	Prof. Mahesh Gudem	J	109	
59	CH501L	Chemistry Laboratory-IV (S1)	0	0	3	3	Prof. Nilkamal Mahanta	M		
60	CH501L	Chemistry Laboratory-IV (S1)	0	0	3	3	Prof. Sudhir Kumar Sahoo	M		
61	CH501T	Organic Reactions and Reagents	2	1	0	6	Dr. Supriya Rej	B	304	
62	CH605T	Instrumental Methods for Structure Determination (S1)	3	0	0	6	Prof. Nilkamal Mahanta	F	305	
63	CH605T	Instrumental Methods for Structure Determination (S1)	3	0	0	6	Dr. Supriya Rej	F	305	
64	CH607T	Organometallic Chemistry and Catalysis	3	0	0	6	Prof. Kundan Kumar Singh Sagar	C	LG 08	
65	CH705T	Bioorganic Chemistry and Chemical Biology	3	0	0	6	Prof. Nilkamal Mahanta	No slot required		PG-only
66	CH803T	Topics in Chemistry	3	0	1	8	Dr. Supriya Rej	No slot required		PG-only
67	CH803T	Topics in Chemistry	3	0	1	8	Prof. Rajeswara Rao Malakalapalli	No slot required		PG-only
68	CH803T	Topics in Chemistry	3	0	1	8	Prof. Sudhir Kumar Sahoo	No slot required		PG-only

All the courses (Electives and Core courses)

69	CL101T	Introduction to Chemical Engineering	3	0	0	6	Prof. Suvamay Jana	B	LG 10	
70	CL201L	Chemical Engineering lab-I	3	0	0	3	Prof. Sontti Somasekhara Goud	L		
71	CL201T	Reaction Engineering	3	0	0	6	Prof. Ashok Kumar Ummireddi	D	LG 03	
72	CL202T	Mass Transfer	3	0	0	6	Prof. Ravi C Dutta	H	307	Exam in F slot
73	CL206T	Materials Science for Chemical Engineers	3	0	0	6	Prof. C. Ravikumar	B	309	
74	CL309T	Chemical Process Technology	3	0	0	6	Prof. Shashwata Ghosh			
75	CL401P	B.Tech project-1	0	0	6	6	Prof Suvamay Jana	No slot required		
76	CL404T	Process plant utilities	3	0	0	6	Prof. Shashwata Ghosh	I	LG 05	
77	CL602T	Advanced separation processes	3	0	0	6	Prof. Ravi C Dutta	No slot required		
78	CL603T	Computational Techniques for Multiphase Flows	2	1	0	6	Prof. Sontti Somasekhara Goud	J	LG 10	
79	CL605T	Molecular Simulation in Chemical and Biochemical Engineering	2	1	0	6	Prof. Suvamay Jana	No slot required	LG 05	
80	CL606T	Principles and applications of electrochemistry	3	0	0	6	Prof. Ashok Kumar Ummireddi	K	001	
81	CS101L	Data Structures and Algorithms Laboratory (S1)	0	0	3	3	Prof. Kedar Vithal Khandeparkar	L		
82	CS101L	Data Structures and Algorithms Laboratory (S2)	0	0	3	3	Prof. Vijeth Jinachandra Kotagi	M		
83	CS101T	Data Structures and Algorithms (S1)	3	0	0	6	Prof. Kedar Vithal Khandeparkar	B	006	
84	CS101T	Data Structures and Algorithms (S2)	3	0	0	6	Prof. Vijeth Jinachandra Kotagi	B	010	
85	CS201L	Artificial intelligence Laboratory	0	0	3	3	Prof. Dileep A D	E2,F2		
86	CS201T	Automata theory	3	1	0	8	Prof. Ramchandra Phawade	A + S2	111	
87	CS202T	Discrete Structures	3	0	0	6	Prof. Tamal Das	D	001	
88	CS204T	Artificial intelligence	3	0	0	6	Prof. Dileep A D	D	003	
89	CS301L	Computer Architecture Laboratory	0	0	3	3	Prof. Gayathri Ananthanarayanan	E1,F1		
90	CS301P	Research and Development Project	0	0	6	6	Prof. Ramchandra Phawade	No slot required		
91	CS302P	Research and Development Project II	0	0	6	6	Prof. Ramchandra Phawade	No slot required		

All the courses (Electives and Core courses)

92	CS302T	Computer Architecture	3	0	0	6	Prof. Gayathri Ananthanarayanan	I	105	Exam in E slot
93	CS303L	Computer networks lab	0	0	3	3	Prof. Koteswararao Kondepu	E2,F2		
94	CS304L	Compilers lab	0	0	3	3	Prof. Achyut Mani Tripathi	E1,F1		
95	CS304T	Compilers	3	0	0	6	Prof. Achyut Mani Tripathi	D	103	
96	CS305T	Computer networks	3	0	0	6	Prof. Koteswararao Kondepu	J	101	
97	CS401P	B. Tech. Project-CSE	0	0	6	6	Prof. Ramchandra Phawade	No slot required		
98	CS402P	B. Tech. Project-CSE - II	0	0	6	6	Prof. Ramchandra Phawade	No slot required		
99	CS404T	Parallel Computing	3	0	0	6	Prof. Nikhil Devaratha Hegde	B	111	
100	CS501C	Advanced Computer Architecture	3	0	3	9	Prof. Rajshekar K.	F1,D1,S1	008	
101	CS501T	Introduction to Blockchains	3	0	0	6	Prof. Siba Narayan Swain	C	010	
102	CS506T	Guided Study	0	0	6	6	Prof. Ramchandra Phawade			
103	CS601S	Seminar	0	0	4	4	Prof. Ramchandra Phawade	No slot required		PG-only
104	CS604T	Parametrized Algorithms and Complexity	3	0	0	6	Prof. Sandeep R. B.	I	LG 03	
105	CS615T	Natural Language Processing	3	0	0	6	Prof. Konjengbam Anand	K	006	
106	CS702P	MTech Technical Project – II	0	0	6	6	Prof. Ramchandra Phawade	No slot required		PG-only
107	EE101L	Digital Circuits Laboratory (S3)	0	0	3	3	Prof. Naveen Kadayinti	L		
108	EE101L	Digital Circuits Laboratory (S2)	0	0	3	3	Prof. Ruma Ghosh	H3,I3,J3		
109	EE101L	Digital Circuits Laboratory (S1)	3	0	0	3	Prof. Ruma Ghosh	H2,I2,J2		
110	EE103T	Digital Systems (S1)	2	1	0	6	Prof. Ruma Ghosh	C	101	
111	EE103T	Digital Systems (S2)	2	1	0	6	Prof. Samatha Benedict	C	105	
112	EE104T	Network Theory	2	1	0	6	Prof. Amarkumar Ayodhyasingh Kushwaha	B	107	
113	EE105T	Electronic Devices (2nd Half)	3	0	0	3	Prof. Vigneshwara Raja P.	D	010	
114	EE202L	Electrical Mechines and Power Electronics Lab (S1)	0	0	3	3	Prof. Sairam Boggavarapu	H1,I1,J1		
115	EE202L	Electrical Mechines and Power Electronics Lab (S1)	0	0	3	3	Prof. Satish Naik Banavath	H1,I1,J1		
116	EE202T	Introduction to Electrical Machines (1st Half)	3	0	0	3	Prof. Amarkumar Ayodhyasingh Kushwaha	F	006	
117	EE203L	Control Systems Engineering Lab	0	0	3	3	Prof. Ameer Kalandar Mulla	H3,I3,J3		

All the courses (Electives and Core courses)

118	EE203T	Introduction to Power Electronics (1st Half)	3	0	0	3	Prof. Animesh Kumar Sahoo	A	003	
119	EE206T	Introduction to Power Systems (2nd Half)	2	0	2	3	Prof. Pratyasa Bhui	A	LG 06	
120	EE208T	Control Systems Engineering	3	0	0	6	Prof. Gopal Krishna Kamath M.	E	006	
121	EE209T	Introduction to modern communication systems	2	0	2	6	Prof. Gopal Krishna Kamath M.	D + H2,J2	006	
122	EE301L	Electronics Design Lab (S1)	3	0	0	6	Prof. Abhijit Kshirsagar	B1,C1,S1 + M		
123	EE301L	Electronics Design Lab (S1)	3	0	0	6	Prof. Naveen Kadayinti	B1,C1,S1 + M		
124	EE301P	Research and development project	0	0	6	6	Prof. Naveen M B	No slot required		
125	EE302P	Research and development project II	0	0	6	6	Prof. Naveen M B	No slot required		
126	EE303L	Control systems design lab	0	0	3	3	Prof. Ameer Kalandar Mulla	No slot required		
127	EE401P	B. Tech. project EE	0	0	6	6	Prof. Naveen M B	No slot required		
128	EE402P	B. Tech. project EE II	0	0	6	6	Prof. Naveen M B	No slot required		
129	EE601L	Neural networks and deep learning (NNDL) laboratory	0	0	3	3	Prof. Rahul Jashvantbhai Pandya	L		
130	EE601S	M. Tech seminar	0	0	4	4	Prof. Naveen M B	No slot required		
131	EE601T	Information theory	3	0	0	6	Prof. B. N. Bharath	J	LG 08	
132	EE602C	Design of photovoltaic systems	2	0	2	6	Prof. Satish Naik Banavath	B1 +B2+ B3 +C2	LG 06	
133	EE603T	Analog IC Design	3	0	0	6	Prof. Naveen Kadayinti	No slot required		PG-only
134	EE604C	Advanced digital system design	2	0	2	6	Prof. Samba Raju Chiluveru	E + L	111	
135	EE605L	Power system simulation lab (S1)	0	0	3	3	Prof. Animesh Kumar Sahoo	L		
136	EE605L	Power system simulation lab (S1)	0	0	3	3	Prof. Pratyasa Bhui	L		
137	EE606T	Wireless communication	3	0	0	6	Prof. Rajshekhar Vishweshwar Bhat	I	109	
138	EE608T	Neural networks and deep learning	3	0	0	6	Prof. Rahul Jashvantbhai Pandya	K	010	
139	EE611T	Optimization theory and algorithms	3	0	0	6	Prof. Naveen M B	F	LG 10	
140	EE613T	VLSI Technology	3	0	0	6	Prof. Naveen Kadayinti	F	LG 08	

All the courses (Electives and Core courses)

141	EE616T	System design of electronic product	3	0	0	6	Prof. Abhijit Kshirsagar	F	LG 05	Registration from backend. Not to be opened for registration on CIMS.
142	EE617T	Mixed signal VLSI design	3	0	0	6	Prof. Nagaveni S	J	105	
143	EE619T	Advanced topics in control systems	3	0	0	6	Prof. Ameer Kalandar Mulla	D1,E2	LG 06, LG03	
144	EE623T	VLSI testing and testability	3	0	0	6	Prof. Saroj Mondal	E	107	
145	EE626T	Power semiconductor devices	3	0	0	6	Prof. Vigneshwara Raja P.	I	LG 08	
146	EE628T	Design of magnetic components for power electronics	3	0	0	6	Prof. Sairam Boggavarapu	E	105	
147	EE630T	Computer vision and digital image processing	3	0	0	6	Prof. Shashaank Aswatha Mattur	C2+C3+S2	006	
148	EE633T	RF Microelectronics	3	0	0	6	Prof. Saroj Mondal	H	309	Registration from backend. Not to be opened for registration on CIMS.
149	EE634T	Detection and estimation theory	3	0	0	6	Prof. B. N. Bharath	B	LG 03	
150	EE702P	M. Tech. project - II					Prof. Naveen M B	No slot required		PG-only
151	EE702T	Modelling and control of inverter-based resources for grid integration (S1)	3	0	0	6	Prof. Animesh Kumar Sahoo	H	006	PG-only
152	EE702T	Modelling and control of inverter-based resources for grid integration (S1)	3	0	0	6	Prof. Pratyasa Bhui	H	006	PG-only
153	EE801S	Seminar	0	0	4	4	Prof. Naveen M B	No slot required		PG-only
154	HS403T	Happiness and Well-Being	2	1	0	6	Prof. B L Tembe	H	101	
155	HS404T	Applied Ethics	3	0	0	6	Prof. Jolly Thomas	H	LG 08	
156	HS406T	Introduction to Game Theory	3	0	0	6	Prof. Gopal Sharan Parashari	H	109	
157	HS411T	Introduction to Literature	3	0	0	6	Prof. Ridhima Tewari	H	001	

All the courses (Electives and Core courses)										
158	HS417T	Basic Econometrics	3	0	0	6	Prof. Debalina Chakravarty	H	010	
159	HS420T	International Finance	3	0	0	6	Prof. Mohana Rao Balaga	H	111	
160	HS601T	Communication Skills					Prof. Rahul Jashvantbhai Pandya	No slot required		PG-only
161	HS602T	Literary Theory and Criticism	3	0	0	6	Prof. Ridhima Tewari	No slot required		PG-only
162	HS603T	Interdisciplinary Approaches to Literary Research	3	0	0	6	Prof. Ridhima Tewari	No slot required		PG-only
163	HS604T	Advanced Econometrics/ Econometrics	3	0	0	6	Prof. Mohana Rao Balaga	No slot required		PG-only
164	HS607T	Research Methodology in Humanities and Social Sciences	3	0	0	6	Prof. Debalina Chakravarty	No slot required		PG-only
165	HS608T	Principles of Microeconomics	3	0	0	6	Prof. Gopal Sharan Parashari	No slot required		PG-only
166	HS609T	Applied Game Theory	3	0	0	6	Prof. Gopal Sharan Parashari	No slot required		PG-only
167	HS617T	Economics of Climate change (S1)	3	0	0	6	Prof. Debalina Chakravarty	No slot required		
168	HS617T	Economics of Climate change (S1)	3	0	0	6	Prof. Gopal Sharan Parashari	No slot required		
169	HS802T	Seminar II	0	0	0	4	Prof. Jolly Thomas	No slot required		PG-only
170	MA102T	Linear Algebra	3	1	0	4	Prof. Amlan Kusum Barua	E + F2		UG Backlog
171	MA103T	Differential Equations-I	3	1	0	4	Prof. Amlan Kusum Barua/Prof. Veekesh Kumar	E+F2		2024 Batch only
172	MA107T	Advanced Linear Algebra	2	1	0	6	Prof. Sagnik Sen	L1+M1	107	M&C
173	MA109T	Linear Algebra and Diffrential Equations (S1)	3	1.5	0	9	Prof. Amlan Kusum Barua	E + F2	106	
174	MA109T	Linear Algebra and Diffrential Equations (S1)	3	1.5	0	9	Prof. Veekesh Kumar	E + F2	106	
175	MA111T	Calculus and Vector Calculus (S1)	3	0	0	6	Prof. Keerthi M. C.	E	LG 10	
176	MA111T	Calculus and Vector Calculus (S1)	3	0	0	6	Prof. Tejas Prakash Gotkhindi	E	LG 10	
177	MA203T	Introduction to Numerical Methods (1st Half)	3	1	0	4	Prof. Dhiraj V Patil	D + F2	109	
178	MA204T	Introduction to Numerical Linear Algebra (1st Half)	3	1	0	4	Prof. Sangamesh Deepak R.	F + H1	105	
179	MA302T	Real Analysis (S1)	2	1	0	6	Prof. Amlan Kusum Barua	C	107	
180	MA302T	Real Analysis (S1)	2	1	0	6	Prof. Veekesh Kumar	C	107	
181	MA303T	Group Theory	2	1	0	6	Prof. Shraddha Srivastava	B	105	

All the courses (Electives and Core courses)

182	MA402L	Statistics Laboratory	0	0	3	3	Prof. Naveen M B	No slot required		Open for 4th sem BS (Maths)
183	MA402T	Statistics	3	0	0	6	Prof. G Ravindran (Prof. Sagnik Sen)	H2,J2 + S2	309	BSMS (Exam will be in H Slot)
184	MA406T	General Topology	2	1	0	6	Prof. Akhil Ranjan (Prof. Sagnik Sen)	No slot required		Open for 8th sem B. Tech. (MC)
185	MA408T	Introduction to Mathematical Finance 2	3	0	0	6	Prof. G Ravindran (Prof. Sagnik Sen)	F	LG 06	Open to 6th and 8th sem B. Tech. (MC)+ BS Maths
186	MA503T	Fields and Galois Theory	2	1	0	6	Prof. Shreedevi Masuti	No slot required		All UG
187	MA601S	Seminars	0	0	4	4	Prof. Sagnik Sen	No slot required		PG-only
188	MA601T	Introduction to Algebraic Geometry	3	0	0	6	Prof. Shreedevi Masuti	No slot required		All UG+PG
189	MA602T	Analysis of Several Variables				6	Prof. Akhil Ranjan (Prof. Sagnik Sen)	No slot required		Open to 6th and 8th sem B. Tech. (MC)
190	MA610T	Introduction to Representation Theory	3	0	0	6	Prof. Shraddha Srivastava	No slot required		All UG+PG
191	MA612T	Introduction to graduate algebra	3	1	0	8	Prof. Shreedevi Masuti	No slot required		PG-only
192	MA617T	Measure Theory	2	1	0	6	Prof. Dhriti Ranjan Dolai	E	310	M&C
193	MA617T	Measure Theory	2	1	0	6	Prof. Dhriti Ranjan Dolai	No slot required		M&C
194	MA623T	Introduction to diophantine approximation	3	0	0	6	Prof. Veekesh Kumar	No slot required		All UG+PG
195	MA624T	Introduction to Lie Algebra	3	0	0	6	Prof. Shraddha Srivastava	No slot required		PG-only
196	MA625T	Irrational and transcendental number theory	3	0	0	6	Prof. Veekesh Kumar	No slot required		PG-only
197	MA702T	Differential Topology	3	0	0	6	Prof. Shreedevi Masuti	No slot required		PG-only
198	ME101C	Engineeing Graphics Laboratory (S1)	1	0	3	5	Prof. Amar Keshav Gaonkar	F1+L	111(F1)	

All the courses (Electives and Core courses)

199	ME101C	Engineeing Graphics Laboratory (S3)	1.5	0	3	6	Prof. Omkar Baswaraj Bembalge	F1+H2,I2,J2	109(F1)	
200	ME101C	Engineeing Graphics Laboratory (S2)	1.5	0	3	6	Prof. Rakesh Lingam	F1+H1,I1,J1	107(F1)	
201	ME101L	Hands on Engineering Laboratory (S1)	0	0	3	3	Prof. Anbukkarasi R	H1,I1,J1	LAB	
202	ME101L	Hands on Engineering Laboratory (S3)	0	0	3	3	Prof. Hiranya Deka	L	LAB	
203	ME101L	Hands on Engineering Laboratory (S1+S2+S3)	0	0	3	3	Prof. Konjengbam Anand	H1,I1,J1+H2,I2,J2+L	LAB	
204	ME101L	Hands on Engineering Laboratory (S1+S2+S3)	0	0	3	3	Prof. Saroj Mondal	H1,I1,J1+H2,I2,J2+L	LAB	
205	ME101L	Hands on Engineering Laboratory (S2)	0	0	3	3	Prof. Satyapriya Gupta	H2,I2,J2	LAB	
206	ME103T	Engineering Metrology and Measurements (1st Half)	3	0	0	3	Prof. Somashekara M. A.	D	105	
207	ME201T	Engineering Mechanics	2	1	0	6	Prof. Omkar Baswaraj Bembalge	B	101	
208	ME202L	Fluid Mechanics Laboratory (S3)	0	0	3	3	Prof. Ramjee Repaka	H2,I2,J2		
209	ME202L	Fluid Mechanics Laboratory (S1)	0	0	3	3	Prof. Somil Yadav	L		
210	ME202L	Fluid Mechanics Laboratory (S2)	0	0	3	3	Prof. Surya Prakash Ramesh	M		
211	ME202T	Engineering Materials	2	1	0	6	Prof. Anbukkarasi R	D	111	
212	ME204L	Solid Mechanics Laboratory	0	0	3	3	Prof. Chinthapalli Hemanth Kumar	E2,F2		
213	ME204T	Manufacturing Processes-I	3	0	0	6	Prof. Vyom Sharma	A	105	
214	ME206L	Manufacturing processes Laboratory	0	0	3	3	Prof. Vyom Sharma	L		
215	ME206T	Thermodynamics	3	0	0	6	Prof. Keerthi M. C.	C	003	
216	ME207L	Mechanics and Measurement Lab	1	0	3	5	Prof. Sudheer Siddapureddy	L + C1		
217	ME207T	Mechanical Measurements	3	0	0	6	Prof. Sudheer Siddapureddy	E	LG 08	
218	ME208L	Control Systems and Laboratory	2	0	2	6	Prof. Punnnag Chatterjee	B + L	001	
219	ME209T	Heat Transfer	2	1	0	6	Prof. Ramjee Repaka	C	001	
220	ME301L	Kinematics and Dynamics of Machinery Laboratory	0	0	3	3	Prof. Sangamesh Deepak R.	M		
221	ME301P	Research and Development Project	0	0	6	6	Prof. Rakesh Lingam	No slot required		

All the courses (Electives and Core courses)

222	ME302L	Applied Thermodynamics Laboratory (S1)	0	0	3	3	Prof. Dhiraj V Patil	E1,F1		
223	ME302L	Applied Thermodynamics Laboratory (S1)	0	0	3	3	Prof. Hiranya Deka	E1,F1		
224	ME302P	Research and Development Project II	0	0	6	6	Prof. Rakesh Lingam	No slot required		
225	ME304T	Theory of Machines	2	1	0	6	Prof. Sangamesh Deepak R.	A	LG 08	
226	ME305T	Introduction to Aerospace Engineering	3	0	0	6	Prof. Prahlad S Joshi	H	003	
227	ME401P	B.Tech. Project-ME	0	0	6	6	Prof. Rakesh Lingam	No slot required		
228	ME403L	B.Tech Project ME - II	0	0	6	6	Prof. Rakesh Lingam	No slot required		
229	ME604T	Advanced Heat Transfer	3	0	0	6	Prof. Surya Prakash Ramesh	J	111	
230	ME605T	Introduction to Turbulence and its Modelling	3	0	0	6	Prof. Dhiraj V Patil	H	LG10	
231	ME606T	Advanced Finite Element Methods	3	0	0	6	Prof. Amar Keshav Gaonkar	B	008	
232	ME607T	Multiphase Flow	3	0	0	6	Prof. Hiranya Deka	C	207	
233	ME654T	Mechanics of Machining and Forming	3	0	0	6	Prof. Rakesh Lingam	H	LG 06	
234	ME654T	Mechanics of Machining and Forming	3	0	0	6	Prof. Vyom Sharma	H	LG 06	
235	ME655T	Modeling and Simulation in Materials and Manufacturing	3	0	0	6	Prof. Satyapriya Gupta	D	LG 08	
236	ME655T	Modeling and Simulation in Materials and Manufacturing	3	0	0	6	Prof. Sushanta Kumar Sethi	D	LG 08	
237	ME656T	Mechatronics and Robotics	2	0	2	6	Prof. Punnap Chatterjee	I	107	
238	ME656T	Mechatronics and Robotics	2	0	2	6	Prof. Samarth Shankar Raut	I	111	
239	ME657T	Design of Mechanical Transmission Systems	3	0	0	6	Prof. Tejas Prakash Gotkhindi	J	LG 06	PG-only
240	ME667T	Advanced Materials Characterization Techniques	3	0	0	6	Prof. Satyapriya Gupta	J	LG 03	
241	ME667T	Advanced Materials Characterization Techniques	3	0	0	6	Prof. Sushanta Kumar Sethi	J	LG 03	
242	ME669T	Computational Geometry Algorithms for Robotics	3	0	0	6	Prof. Samarth Shankar Raut	C	LG 05	

All the courses (Electives and Core courses)										
243	ME672T	Additive Manufacturing	3	0	0	6	Prof. Somashekara M. A.	J	001	
244	ME701C	Experimental Theory & Laboratory	1	0	3	5	Prof. Hiranya Deka	E2,F2		PG-only
245	ME701C	Experimental Theory & Laboratory	1	0	3	5	Prof. Omkar Baswaraj Bembalge	E2,F2		PG-only
246	ME701C	Experimental Theory & Laboratory	1	0	3	5	Prof. Tejas Prakash Gotkhindi	E2,F2		PG-only
247	ME701S	Practicum	0	0	3	3	Prof. Keerthi M. C.	No slot required		PG-only
248	ME701T	Experimental Methods in Thermal and Fluids Engineering	3	0	0	6	Prof. Sudheer Siddapureddy	A	208	PG-only
249	ME702P	M.Tech. Project - II					Prof. Keerthi M. C.	No slot required		PG-only
250	ME702S	Seminar	0	0	4	4	Prof. Keerthi M. C.	No slot required		PG-only
251	NO107/ NO105/ NO 106/ NO 108	NSO/NSS/NCC/NCA	0	0	2	2	Mr. Ramesh G, Dr. Keerti Kumar, Mr. Ravi Galimath,Prof. Jolly Thomas			
252	PH102T	Electricity and Magnetism	2	1	0	6	Prof. Kavita Devi	D	101	
253	PH301L	General Physics Laboratory	0	0	3	3	Prof. Santosh Kumar	M		
254	PH301P	Research and Developement Project-I	0	0	6	6	Prof. Kavita Devi	No slot required		
255	PH304T	Mathematical Physics-I	2	1	0	6	Prof. D Narasimha	B	109	BSMS Maths
256	PH305T	Statistical Physics	2	1	0	6	Prof. Koushik Saha	A	LG 05	
257	PH401P	B.Tech.Project -EP I	0	0	6	6	Prof. Koushik Saha	No slot required		
258	PH401S	Seminar - I	0	0	3	3	Prof. Kavita Devi	No slot required		UG
259	PH401T	Quantum Mechanics - II	2	1	0	6	Prof. R. Prabhu	D	LG 05	
260	PH402P	B.Tech.Project -EP II	0	0	6	6	Prof. Santosh Kumar	No slot required		
261	PH402S	Seminar - II	0	0	3	3	Prof. Kavita Devi	No slot required		UG
262	PH402T	Condensed Matter Physics	2	1	0	6	Prof. Santosh Kumar	J	107	Exam in E
263	PH403P	Research and Development Project-II	0	0	6	6	Prof. Koushik Saha	No slot required		
264	PH414T	Atomic and Molecular Physics	2	1	0	6	Dr. Rimi Banerjee (Prof. Kavita Devi)	H	301	
265	PH415T	Special Theory of Relativity	2	1	0	6	Prof. D Narasimha	I	101	
266	PH418T	Experimental Techniques	2	1	0	6	Prof. Dhriti Sundar Ghosh	C	307	
267	PH601P	Research Project in Physics	2	1	0	6	Prof. Koushik Saha	No slot required		PG-only
268	PH601S	Research Seminar-I	0	0	4	4	Prof. Dhriti Sundar Ghosh	No slot required		PG-only
269	PH602S	Research Seminar-II	0	0	4	4	Prof. Santosh Kumar	No slot required		PG-only

All the courses (Electives and Core courses)

270	PH603T	Silicon Photovoltaics	3	0	0	6	Prof. Dhriti Sundar Ghosh	No slot required		PG-only
271	PH605T	Radiative Processes in Astrophysics	3	0	0	6	Prof. D Narasimha	J1+J3	006	
272	PH701T	Photonics: Fundamentals and Technology	2	1	0	6	Prof. Kavita Devi	No slot required		PG-only
273	PH703T	Spectroscopy	2	1	0	6	Prof. Koushik Saha	No slot required		PG-only
274	PH705T	Superconductivity and Magnetism	2	1	0	6	Prof. Santosh Kumar	No slot required		PG-only
275	PH706T	Quantum Computation	2	1	0	6	Prof. R. Prabhu	No slot required		PG-only
276	PH801T	Quantum Information Theory	2	1	0	6	Prof. R. Prabhu	No slot required		PG-only
277	PH803T	Tunable Coherent Optical Devices	2	1	0	6	Prof. Kavita Devi	No slot required		PG-only
278	PH804T	Molecular Dynamics Imaging: Methodologies and Applications	3	0	0	6	Prof. Koushik Saha	No slot required		PG-only
279	PH805T	Third Generation Photovoltaics: Materials, Integration and Devices	3	0	0	6	Prof. Dhriti Sundar Ghosh	No slot required		PG-only