

List of courses for Spring 2019-2020 for 2016, 2017, 2018 & 2019 Batches

S.No	Course Code	Course Name	Credits	Course Type	Instructor/s	Department	Batch	Branch
1	CS 406	Compilers	6	Full	Prof. Nikhil Hegde	CSE	2016/2017	CSE
2	CS 407	Parameterized Algorithms and Complexity	6	Full	Prof. Sandeep R B	CSE	2016/2017	CSE
3	CS 408	Statistical Pattern Recognition	6	Full	Prof. Prabuchandran K J	CSE	2016/2017	CSE/EE/ME
4	MA 302	Algebraic Codes and Combinatorics	6	Full	Prof. NS Narasimha Sastry	MA	2016/2017	CSE/EE
5	EE 408	Artificial Neural Networks and Deep Learning	6	Full	Prof. SR Mahadeva Prasanna	EE	2016/2017	CSE/EE
6	HS 302	Modernism and Its Heroes	6	Full	Prof. Ridhima Tewari	HSS	2016/2017	CSE/EE/ME
7	PH 403	Classical Mechanics	6	Full	Prof. D Narasimha	PHY	2016/2017	CSE/EE/ME
8	HS 404	Applied Ethics	6	Full	Prof. Jolly Thomas	HSS	2016/2017	CSE/EE/ME
9	PH 404	Introduction to Quantum Information and Computation	6	Full	Prof. R. Prabhu	PHY	2016/2017	CSE/EE/ME
10	CH 302	Sustainable Energy and Energy Materials	6	Full	Prof. Rajeswara Rao Prof. Pratyasa Bhui Prof. Sudheer S	CHEM EE ME	2016/2017	CSE/EE/ME
11	EE 304	Robotics	6	Full	Prof. Sangamesh Deepak R	EE	2016/2017	CSE/EE/ME
12	EE 409	Speech Processing	6	Full	Prof. SR Mahadeva Prasanna Dr. Ajay (Amazon)	EE	2016/2017	CSE/EE/ME
13	EE 421	Multivariable Control Systems	6	Full Full	Prof. Ameer Mulla	EE	2016 2017	CSE/EE EE
14	EE 422	Power System Protection	6	Full	Prof. Pratyasa Bhui	EE	2016/2017	EE
15	ME 411	Applied Thermodynamics Laboratory	6	Full	Prof. R Santhosh Prof. Sudheer S Prof. Keerthi and Prof. Surya Prakash	ME	2016	ME
16	ME 406	Advanced Finite Element Methods	6	Full	Prof. Amar Gaonkar Prof. Amlan Barua	ME	2016	ME
17	ME 407	IC Engines	6	Full	Prof. Surya Prakash. R	ME	2016	ME
18	ME 408	Geometric Modeling and Computer Graphics	6	Full	Prof. Samarth Raut	ME	2016/2017	ME
19	ME 409	Composite Materials	6	Full	Prof. A N Tiwari	ME	2016/2017	ME
20	ME 421	Turbomachines	6	Full	Prof. Dhiraj and Sudheer	ME	2016/2017	ME
21	ME 306	Theory of Elasticity	6	Full	Prof. Tejas G	ME	2016/2017	ME
22	ME 423	Introduction to High Performance Computing	6	Full	Prof. Dhiraj Patil Prof. Nikhil Hegde Prof. Virendra Bhavsar (UNB)	ME	2016/2017/ 2018	CSE/EE/ME
23	CH 301	Environmental Studies	6	Full	Dr. Tembe	CHE	2017 2018	CSE/EE/ME CSE
24	CS 302	Artificial Intelligence	6	Full	Dr. Kedar	CSE	2017	CSE
25	CS 304	Operating Systems	6	Full	Dr. Rajshekar	CSE	2017	CSE
26	CS 305	Software Engineering	6	Full	Dr. Sarda	CSE	2017	CSE
27	CS 312	Artificial Intelligence Laboratory	3	Full	Dr. Kedar	CSE	2017	CSE
28	CS 314	Operating Systems Laboratory	3	Full	Dr. Rajshekar	CSE	2017	CSE
29	EE 313	Digital Signal Processing Laboratory (for those who opted for DSP in Autumn 2019)	3	Full	Dr. Rajshekar Bhat	EE	2017	CSE/EE
30	EE 302	Principles of Communication Systems	6	Full	Prof. Naveen M.B.	EE	2017	EE
31	EE 305	Digital Signal Processing	3	Half	Prof. Rajshkhar Bhat	EE	2017	EE
32	EE 314	Electronics Design Laboratory	6	Full	Prof. Naveen K.	EE	2017	EE/CS
33	ME 302	Applied Thermodynamics	6	Full	Prof. R Santhosh	ME	2017	ME
34	ME 304	Machine Design	8	Full	Prof. Shrikanth V	ME	2017	ME
35	ME 311	Manufacturing Processes Laboratory	3	Full	Prof. Somashekara M A	ME	2017	ME
36	ME 312	Heat Transfer Laboratory	3	Full	Prof. Sudheer S Prof. S V Prabhu	ME	2017	ME
37	ME 313	KDOM Laboratory	3	Full	Prof. Sangamesh D R	ME	2017	ME
38	HS 304	Intellectual Property Management	6	Full	Prof. R. R. Hirwani	HSS	2017	CSE/EE/ME
39	EE 214	Digital Circuits Laboratory	3	Full	Prof. Ruma Ghosh	EE	2018	CSE/EE
40	CS 204	Computer Networks	6	Full	Prof. Siba Narayan	CSE	2018	CSE

41	CS 205	Design and Analysis of Algorithms	6	Full	Prof. Ramchandra Phawade	CSE	2018	CSE
42	EE 204	Digital Systems	6	Full	Prof. Ruma Ghosh	EE	2018	CSE/EE
43	CS 202	Automata Theory	8	Full	Prof. Nagaraja	CSE	2018	CSE
44	CS 212	Computer Networks Laboratory	3	Full	Prof. Siba Narayan	CSE	2018	CSE
45	EE 202	Introduction to Analog Circuits	3	Half	Prof. Naveen K	EE	2018	EE
46	EE 206	Introduction to Electrical Machines	3	Half	Prof. Satish Naik	EE	2018	EE
47	EE 208	Engineering Electromagnetics	3	Half	Prof. Kavita Devi	EE	2018	EE
48	EE 303	Control System	6	Full	Prof. Ameer K Mulla	EE	2018	EE/ME
49	EE 212	Devices and Circuits Laboratory	3	Full	Prof. Naveen K	EE	2018	EE
50	EE 221	Introduction to Probability	3	Half	Prof. Naveen M. B.	EE	2018	EE
51	EE 222	Introduction to Power Electronics	3	Half	Prof. Satish Naik	EE	2018	EE
52	EE 223	Introduction to Power Systems	3	Half	Prof. Pratyasa Bhui	EE	2018	EE
53	ME 203	Fluid Mechanics II	4	Half	Prof. Dhiraj Patil	ME	2018	ME
54	ME 204	Manufacturing Process I	6	Full	Prof. Somashekara M A	ME	2018	ME
55	ME 206	Mechanics of Materials	8	Full	Prof. P Seshu	ME	2018	ME
56	ME 208	Mechanical Measurements	6	Full	Prof. S V Prabhu	ME	2018	ME
57	MA 204	Numerical Analysis	8	Full	Prof. Amlan Barua Prof. Sagnik Sen	MA	2018	ME
58	CS 101	Computer programming	8	Full	Prof. Gayathri A	CSE	2019	CSE/EE/ME
59	PH 102	Electricity and Magnetism	6	Full	Prof. Mandar Patil	PHY	2019	CSE/EE/ME
60	PH 111	Physics Laboratory	3	Full	Prof. R Prabhu Prof. Koushik Saha Prof. D Narasimha Prof. Mandar Patil Prof. Kavita Devi	PHY	2019	CSE/EE/ME
61	BB 101	Essential Biology for Engineers	7	Full	Prof. Sudhanshu Shukla Prof. Surya Pratap Singh	BSBE	2019	CSE/EE/ME
62	EE 101	Introduction to Electrical and Electronics Circuits	6	Full	Prof. Bharath B. N.	EE	2019	CSE/EE/ME
63	MA 102	Linear Algebra	4	Full	Prof. Shreedevi Masuti	MA	2019	CSE/EE/ME
64	MA 103	Differential Equations I	4	Full	Prof. Dhriti Ranjan Dolai	MA	2019	CSE/EE/ME
65	NSO 102	National Sports Organisation	P/NP	Full	Mr. Ravi Ghalimath	PE	2019	CSE/EE/ME