Course Record

Sr No	Sem	Course	Credit	Grade	grade	credit*grade taken to CPI	Remarks	Name	outoff
1	1	CH 105	4	BC	7	28	1	Organic & Inorganic Chemistry	28	40
2	1	CH 107	4	BB	8	32	1	Physical Chemistry	32	40
3	1	CS 101	6	BC	7	42	1	Computer Programming and Utilization	42	60
4	1	MA 109	4	BB	8	32	1	Calculus I	32	40
5	1	MA 111	4	CC	6	24	1	Calculus II	24	40
6	1	NOCS01	0	PP	0	0	0	NCC/NSS/NSO	0	0
7	1	PH 107	6	BC	7	42	1	Quantum Physics and Application	42	60
8	2	BB 101	6	BB	8	48	1	Biology	48	60
9	2	CE 102	6	AB	9	54	1	Engineering Mechanics	54	60
10	2	MA 106	4	BC	7	28	1	Linear Algebra	28	40
11	2	MA 108	4	BB	8	32	1	Differential Equations	32	40
12	2	ME 119	5	AA	10	50	1	Engineering Graphics & Drawing	50	50
13	2	NOCS02	0	PP	0	0	0	NCC/NSS/NSO	0	0
14	2	PH 108	6	BB	8	48	1	Basics of Electricity & Magnetism	48	60
15	1	EE 101	8	AB	9	72	1	Introduction to Electrical and Electronics Circu	72	80
16	1	GC 101	0	PP	0	0	0	Gender in the workplace	0	0
17	1	HS 101	6	BB	8	48	1	Economics	48	60
18	1	ME 201	6	BC	7	42	1	Solid Mechanics	42	60
19	1	ME 209	6	BC	7	42	1	Thermodynamics	42	60
20	1	ME 219	8	AA	10	80	1	Fluid Mechanics	80	80

Summary

CPI	7.899
minor	0.62

Requirements Legend

	Column 1	Column 2
Core	204 credits	
Humanities Elective (HS3XX)	6 credits	
Institute Elective	12 credits	
Department Elective MExxx	12 credits	
Department Elective non-MExxx (Open Electi	24 credits	

Category Grid

	5	2	2	1	4
minor	IE	DE	HS	DE non ME	
DS203	CS769	ME315	HS307	DH307	
DS303	CS626	ME781		XXXXXX EE782	
CS747	XXXX XXXXXX			IE621	
GNR648				IE708	
ME604				XXXXXX	
ME794					
IE643					

Colour-coded course lists

- Green: CS626, CS769
- Orange: ME781, ME315
- Blue: EE782, IE621, DH307, IE708
- Yellow: DS303, DS203, IE643, CS747, GNR638, ME604, Me794

#	Yr	Code	Cr	Gr				Cat	Course			
21	1	ME 221	6	CC	6	36	1		Structural Materials	1	36	60
22	1	TA 101	0	PP	0	0	0		Teaching Assistant Skill Enhancement & Train	0	0	0
23	2	DS 303	6	BC	7	42	0	minor	Introduction to Machine Learning	0	0	0
24	2	MA 214	8	BC	7	56	1		Introduction to Numerical Analysis	1	56	80
25	2	ME 202	6	BB	8	48	1		Strength of Materials	1	48	60
26	2	ME 206	6	AB	9	54	1		Manufacturing Processes I	1	54	60
27	2	ME 213	5	AA	10	50	1		Manufacturing Practice Lab	1	50	50
28	2	ME 218	3	AB	9	27	1		Solid Mechanics Lab	1	27	30
29	2	ME 224	3	AA	10	30	1		Fluid Mechanics Lab	1	30	30
30	2	ME 226	6	BC	7	42	1		Mechanical Measurements	1	42	60
31	1	EE 782	6	BB	8	48	1	DENME	Advanced Topics in Machine Learning	1	48	60
32	1	HS 307	6	BB	8	48	1	HS elective	Sociology	1	48	60
33	1	IE 621	6	BC	7	42	1	DENME	Probability and Stochastic Processes I	1	42	60
34	1	ME 307	3	AB	9	27	1		Mechanical Measurements Lab	1	27	30
35	1	ME 311	6	BB	8	48	1		Microprocessors and Automatic Control	1	48	60
36	1	ME 338	6	CC	6	36	1		Manufacturing Processes II	1	36	60
37	1	ME 346	6	BC	7	42	1		Heat Transfer	1	42	60
38	1	ME 374	3	AB	9	27	1		Manufacturing Processes Lab	1	27	30
39	1	ME 781	6	AA	9	54	1	DE	Statistical Machine Learning and Data Mining	1	54	60
40	2	DS 203	6	BC	7	42	0	minor	Programming for Data Science	0	0	0
41	2	ES 200	3	BB	8	24	1		Environmental Studies: Science and Enginee	1	24	30
42	2	HS 200	3	CC	6	18	1		Environmental Studies	1	18	30
43	2	ME 306	6	CC	6	36	1		Applied Thermodynamics	1	36	60
44	2	ME 310	3	BB	8	24	1		Microprocessors and Automatic Control Lab	1	24	30
45	2	ME 312	6	AB	9	54	1		Operations Modeling and Analysis	1	54	60
46	2	ME 315	6	AA	10	60	1	DE	Supervised Learning Project	1	60	60
47	2	ME 316	6	BB	8	48	1		Kinematics and Dynamics of Machines	1	48	60
48	2	ME 370	3	BB	8	24	1		Kinematics and Dynamics of Machines Lab	1	24	30
49	2	ME 372	3	AA	10	30	1		Heat Transfer and Metrology Lab	1	30	30
50	1	CS 626	6	AB	9	54	1	IE	Speech and Natural Language Processing an	1	54	60
51	1	DH 307	6	BB	8	48	1	DENME	R & D Project	1	48	60
52	1	IE 643	6	DD	4	24	0	minor	Deep Learning – Theory and Practice	0	0	0
53	1	IE 708	6	BC	7	42	1	DENME	Markov Decision Processes	1	42	60
54	1	ME 423	8	CC	6	48	1		Machine Design	1	48	80
55	1	ME 441	3	BC	7	21	1		Applied Thermodynamics Lab	1	21	30
56	2	CS 747	6	DD	4	24	0	minor	Foundations of Intelligent and Learning Agent	0	0	0

57	2 CS 769	6 BB	8	48	1 IE	Optimization in Machine Learning	48	60
58	2 GNR638	6 CD	5	30	0 minor	Machine Learning for Remote Sensing - II	0	0
59	2 IE 616	6 W	0	0	0	Decision Analysis and Game Theory	0	0
60	2 ME 604	6 CD	5	30	0 minor	Robotics	0	0
61	2 ME 794	6 CC	6	36	0 minor	Statistical Design of Experiments	0	0
				2266			2038	2580
					CPI			0.7899224806
					minor			0.62