MINUTES

OF THE

140TH MEETING

OF THE

INSTITUTE UNDERGRADUATE PROGRAMME COMMITTEE (IUPC)

AND

135TH MEETING

OF THE

INSTITUTE POSTGRADUATE PROGRAMME COMMITTEE (IPPC)

OF

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

Time: 3.00 PM
6th December, 2023 (Wednesday)
Venue: Senate Hall

The Joint meeting of the one hundred and fortieth Institute Undergraduate Programme Committee (IUPC) and the one hundred and thirty-fifth Institute Postgraduate Programme Committee (IPPC) was held on 6th December, 2023 and the following members were present:

Sl. No.	Name	Academic Division/Section	Designation
1.	Prof. K. V. Krishna, Dean of Academic Affairs	Academic Affairs Section	Chairman, IPPC & IUPC
2.	Prof. Bulu Pradhan, Associate Dean of Academic Affairs (Postgraduate)	Academic Affairs Section	Vice-Chairman, IPPC
3.	Prof. Rupam Barman Associate Dean of Academic Affairs (Undergraduate)	Academic Affairs Section	Vice-Chairman, IUPC
4.	Prof. Santosha K. Dwivedy	Mechanical Engineering & Center for Intelligent Cyber Physical Systems	Departmental Representative
5.	Prof. Amaresh Dalal	Mechanical Engineering	Departmental Representative
6.	Prof. Vishal Trivedi	Biosciences and Bioengineering	Member, IPPC
7.	Prof. Debapratim Das	Chemistry	Member, IUPC
8.	Dr. Pavan Kumar Kancharla, Associate Professor	Chemistry	Departmental Representative
9.	Prof. Sushanta Karmakar	Computer Science & Engineering	Member, IUPC
10.	Dr. Poonam Kumari, Associate Professor	Mechanical Engineering	Member, IUPC
11.	Dr. Sweta Tiwari, Associate Professor	Mathematics	Member, IPPC
12.	Dr. H. Ramesh, Assistant Professor	Mathematics	Departmental Representative
13.	Dr. Urmi Ravindra Salve, Associate Professor	Design	Member, IPPC
14.	Dr. Siddhartha Singha, Assistant Professor, School of Agro and Rural Technology	School of Agro and Rural Technology	Member, IPPC
15.	Dr. Rishikesh Kulkarni, Assistant Professor	Electronics and Electrical Engineering	Member, IUPC
16.	Dr. Suresh Sundaram, Associate Professor	Mehta Family School of Data Science & Artificial Intelligence	Member, IUPC
17.	Dr. Sharmistha Banerjee, Assistant Professor	Design	Member, IPPC
18.	Dr. Abraham Cyril Issac, Assistant Professor	School of Business	Departmental Representative, IPPC
19.	Dr. Rhythm Grover, Assistant Professore	Mehta Family School of Data Science & Artificial Intelligence	Member, IPPC
20.	Dr. Subhajit Choudhury Assistant Registrar & HoS	Academic Affairs Section	Non-Member Secretary

Content

Item 1:   **Confirmation of the Minutes of the joint meeting of 134th IPPC and 139th IUPC held on 27th October 2023.**

The Minutes of the joint meeting of 134th IPPC and 139th IUPC held on 27th October 2023 have been placed for confirmation (Separately provided).

R.135-IPPC/140-IUPC/1/2023: The IUPC/ IPPC RESOLVED that the Minutes of the joint meeting of 134th IPPC and 139th IUPC held on 27th October 2023 **be APPROVED**.

Item 2:   **Action Taken Report on the decisions of the Minutes of the joint meeting of 134th IPPC and 139th IUPC held on 27th October 2023.**

The Action Taken Report on the decisions of the Minutes of the joint meeting of 134th IPPC and 139th IUPC held on 27th October 2023 at **Annexure 2 (Page No. 5).**

R.135-IPPC/140-IUPC/2/2023: The IPPC/IUPC RESOLVED that the Action Taken Report on the decisions of the joint meeting of 134th IPPC and 139th IUPC held on 27th October 2023**be NOTED.**

Item 3:   **To consider the results of the Monsoon Semester (July-Nov), 2023.**

The joint committee considered the consolidated report as placed below regarding the results of Monsoon Semester (July-Nov), 2023 as per **Annexure 135-IPPC/140-IUPC/3 (Page No. 6-20**).

Grade	AS	AA	AB	BB	BC	CC	CD	DD	FA	FD	FP	I	NP	PP	X
Total	154	4125	6703	6866	5241	3387	2149	1244	146	17	595	86	67	1668	12

The committee deliberated on the matter and noted the following:

- Grades for the some of the courses were yet to be received. IUPC/IPPC members/Departmental representatives were requested to coordinate with the concerned Heads for the submission of the same at the earliest.

- The joint committee noted that in a couple of courses, the number of Fail grades or AA grades are in higher in number.

R.135-IPPC/140-IUPC/3/2023: The joint committee **RESOLVED** that the results of Monsoon Semester (July-Nov), 2023 be **RECOMMENDED** to the Senate for **APPROVAL**.

Item 4:   **Any other matter with the permission of the Chair**.

The Chairman IPPC and IUPC pointed out that the curriculum of 1st year B.Tech programme is heavy and there are issues with conducting the classes. It was also pointed out that there are requests for initiating a proposal of stopping the branch change so that first year courses can be fine-tuned. Accordingly, it was decided to send a note to the academic divisions for initiating the discussion and give feedback.

The meeting ended with vote of thanks to the Chair.

Annexure 135-IPPC/140-IUPC/2

<u>Sub.: Follow-up actions in respect of 134th IPPC and 139th IUPC held on 27th October, 2023</u>

The action taken/to be taken by the Academic Affairs Section on some of the decision of 134th IPPC and 139th IUPC held on 27th October, 2023 are as follows:

<u>Resolution No</u>	<u>Resolutions</u>	<u>Status of Action Taken/ Action Needed to be taken</u>
R.139-IUPC/134-IPPC/1/2023.	The Joint Committee **RESOLVED** that the Minutes of the 138th meeting of IUPC held on 05.10.2023 be **APPROVED.**	Not an item for Action Taken.
R.139-IUPC/134-IPPC/2/2023.	The Joint Committee **RESOLVED** that the Action Taken Reports on the decisions of the Minutes of the 138th meeting of IUPC held 05.10.2023 be **APPROVED**.	Not an item for Action Taken.
R.139-IUPC/134-IPPC/3/2023	The Joint Committee **RESOLVED** that the Minutes of the 133rd meeting of IPPC held on 05.10.2023 be **APPROVED**.	Not an item for Action Taken.
R.139-IUPC/134-IPPC/4/2023.	The Joint Committee **RESOLVED** that the Action Taken Reports on the decisions of the Minutes of the 133rd meeting of IPPC held 05.10.2023 be **APPROVED**.	Not an item for Action Taken.
R.139-IUPC/134-IPPC/5/2023.	The Joint Committee **RESOLVED** that the proposal from the MF School of Data Science and Artificial Intelligence for the revised syllabus of the course DA 105 Linear Algebra be **APPROVED** and **RECOMMENDED** to place the matter to the Senate.	The proposal was placed and approved in the 170th Senate,
R.139-IUPC/134-IPPC/6/2023.	The Joint Committee **RESOLVED** that the proposal from the Department of Mathematics for offering NPTEL MOOC courses as per the annexed list be **APPROVED** and **RECOMMENDED** to place the matter to the Senate.	The proposal was placed and approved in the 170th Senate,
R.139-IUPC/134-IPPC/7/2023.	The Joint Committee **RESOLVED** that the proposal from the Centre for Cyber Physical Systems for offering NPTEL MOOC courses be **DEFERRED**.	Matter has been Deferred
R.139-IUPC/134-IPPC/8/2023.	The Joint Committee **RESOLVED** that the proposal for credit waiver comprehensive examination from the Centre for Cyber Physical Systems be **REVISED** and **RESUBMITTED**.	To be resubmitted by the Centre
R.139-IUPC/134-IPPC/9/2023.	The Joint Committee **RESOLVED** that the draft ordinance for the Master of Business Administration programme be **APPROVED** to be placed to the Senate.	The matter was place in the 170th Senate. Senate RESOLVED that the draft ordinance for the Master of Business Administration programme be APPROVED in principle and **RECOMMENDE**D to place to the **BoG** for approval.

RESULTS FOR MONSOON SEMESTER (JULY-NOV) 2023

Sl. No.	Course Code	Course Name	AS	AA	AB	BB	BC	CC	CD	DD	FA	FD	FP	I	NP	PP	X	Grand Total	HoD Forwarded	Hard Copy
1	BM 501H	Microeconomics		2	3	2	10	6	3									26	Forwarded	Yes
2	BM 502H	Financial Systems		4	7	10	1	4										26	Forwarded	Yes
3	BM 503H	Marketing Management		2	5	4	6	5	3									25	Forwarded	Yes
4	BM 504H	Business Statistics and Data Analysis for Management		3	5	13	4	6										31	Forwarded	Yes
5	BM 505H	Organizational Behaviour		1	2	6	10	4	1	1								25	Forwarded	Yes
6	BM 506H	Macroeconomics for Managers		5	3	9	5	3					1					26	Forwarded	Yes
7	BM 507H	Managerial Accounting		2	2	10	8	3						1				26	Forwarded	Yes
8	BM 508H	Business Research Methods		2	6	10	8	3			1							30	Forwarded	Yes
9	BM 509H	Human Resource Management		4	6	10	3						1					24	Forwarded	Yes
10	BM 510H	Management Information System		1	1	11	8	1	1				1					24	Forwarded	Yes
11	BM 521H	Business Ethics		1	2	3	8	2										16	Forwarded	No
12	BM 522H	Project Management		1	1	5	7	3										17	Forwarded	No
13	BM 526H	Project Work-I		4	5	4	2	1										16	Forwarded	Yes
14	BM 625H	Negotiation and Conflict Management		2	3	7	5	1										18	Forwarded	No
15	BM 627H	Performance and Compensation Management		1	1	5	3	6	2									18	Forwarded	Yes
16	BM 646H	Marketing Analytics and Metrics		2	5	6	1	2	2									18	Forwarded	Yes
17	BM 666H	Quality Management and Control		1	2	10	3	1										17	Forwarded	Yes
18	BM 670H	Supply Chain Management		2	4	6	5									1		18	Forwarded	No
19	BT 201	Biochemical Process Calculations		17	20	13	18	5	3	4	1							81	Forwarded	Yes
20	BT 202	Bio-thermodynamics		12	20	15	18	14	2									81	Forwarded	Yes
21	BT 203	Biochemistry	2	6	8	13	15	18	9	6			4					81	Forwarded	Yes
22	BT 204	Genetics	1	7	10	14	13	15	14	3			5					82	Forwarded	Yes
23	BT 205	Cell and Molecular Biology		5	7	5	12	12	19	22								82	Forwarded	yes
24	BT 301	Biophysics		1	2	12	25	23	7	9								79	Forwarded	Yes
25	BT 301M	Cellular Biotechnology		1	3													4	Forwarded	Yes
26	BT 302	Bioinformatics	1	2	6	13	16	12	12	8				1				71	Forwarded	Yes
27	BT 303	Biochemical Engineering		3	10	12	20	9	9	8				1				72	Forwarded	Yes
28	BT 304	Immunology		3	8	14	16	20	11									72	Forwarded	Yes
29	BT 311	Biochemical Engineering Lab	1	13	24	21	7	4	1					1				72	Forwarded	Yes
30	BT 312	Analytical Biotechnology Lab		13	34	18	5	1						1				72	Forwarded	Yes
31	BT 401	B.Tech Project I		22	12	8	8	2	3	6				1				62	Forwarded	Yes
32	BT 401M	Bioanalytical Techniques and Bioinformatics		1	1													2	Forwarded	Yes
33	BT 402	BTech Project-II								1								1	Forwarded	Yes
34	BT 501	Biotechniques	2	12	15	23	13	5	2				2					74	Forwarded	Yes
35	BT 503	Advanced Genetic Engineering		1	6	19	11	14	12	3	5							71	Forwarded	No
36	BT 510	Analytical Biotechnology Lab		9	15	16					1			1				42	Forwarded	Yes
37	BT 521	Advanced Bioreactor Engineering		3	4	4												11	Forwarded	Yes
38	BT 530	Experimental techniques in Bioengineering		2	4	3												9	Forwarded	Yes
39	BT 600	M.Tech Seminar		4	12	12	2	7	1							1		39	Forwarded	Yes
40	BT 612	Systems Biology		5	4	5	19	22	19	30			6					110	Forwarded	Yes
41	BT 615	Cell Signaling & Development		7	8	10	6	2	2	3				1	1			40	Forwarded	Yes
42	BT 618	Biomaterials		37	20	11	3			1	1							73	Forwarded	Yes
43	BT 620	Biosensors	1	10	13	16	7	1	2		2			1	1			54	Forwarded	Yes

Sl. No.	Course Code	Course Name	AS	AA	AB	BB	BC	CC	CD	DD	FA	FD	FP	I	NP	PP	X	Grand Total	HoD Forwarded	Hard Copy
44	BT 623	Research Methodology		3	18	22	10	6		4								63	Forwarded	No
45	BT 637	Genome Editing and Engineering		5	5	14	20	6	1	1	1		3					56	Forwarded	Yes
46	BT 641	Fundamentals Of Human Body Mechanics		1	3	7	13	15	11	16			1					67	Forwarded	Yes
47	BT 643	Biointerface Engineering		1	1	1										4		7	Forwarded	Yes
48	BT 644	Biorefineries		6	8	1	5	1		1								22	Forwarded	Yes
49	BT 645	Introduction to IPR and Ethics		1	5	9	14	11	9	2								51	Forwarded	Yes
50	BT 698	M. Tech Project I (MTP I)		26	9	4												39	Forwarded	Yes
51	BT 699	M. Tech Project II (MTP II)			1													1	Forwarded	Yes
52	BT 700	M. Tech Project I (MTP I)		8	2													10	Forwarded	Yes
53	CE 101	Engineering Drawing	2	150	413	290	107	22	12									996	Forwarded	No
54	CE 202	Solid Mechanics		20	36	22	13	6			1		1					99	Forwarded	No
55	CE 203	Fluid Mechanics	2	16	20	30	22	8										98	Forwarded	Yes
56	CE 207	Engineering Geology	2	10	15	19	10	18	13	10			3					100	Forwarded	No
57	CE 208	Engineering Geology Lab	6	37	38	13	4	1										99	Forwarded	No
58	CE 211	Civil Engineering Materials		3	18	19	26	15	13	4	1							99	Forwarded	No
59	CE 212	Civil Engineering Materials Laboratory		36	23	27	9	3			1							99	Forwarded	Yes
60	CE 214	Fluid Mechanics Lab		40	53	5												98	Forwarded	Yes
61	CE 302	Structural Analysis II		8	21	48	21	7	1									106	Forwarded	No
62	CE 303	Geotechnical Engg. II	3	3	31	31	16	15	3	4								106	Forwarded	No
63	CE 304	Transportation Engg. I		2	7	39	37	15	3	3								106	Forwarded	No
64	CE 305	Reinforced Concrete Design		11	16	23	19	22	10	5								106	Forwarded	No
65	CE 313	Geotechnical Engineering II Lab			2	53	43	9										107	Forwarded	No
66	CE 314	Transportation Engineering I Lab		4	51	44	5	1										105	Forwarded	Yes
67	CE 316	Environmental Engineering II		8	22	35	28	8	7	3								111	Forwarded	No
68	CE 402	Design Project			5	11	28	32	22	2								100	Forwarded	No
69	CE 415	Prestressed Concrete and Industrial Structures		7	28	36	24											95	Forwarded	No
70	CE 416	Bridge Engineering		2	1	1								1				5	Forwarded	No
71	CE 498	Project		26	33	19	7	3							11			99	Forwarded	No
72	CE 499	BTP Phase II												1				1	Forwarded	No
73	CE 501	Continuum Mechanics		10	7	9	8	1	1								1	37	Forwarded	Yes
74	CE 502	Finite Element Methods		9	10	11	8						1				1	40	Forwarded	No
75	CE 503	Structural Dynamics		7	7	7	8	5		1								35	Forwarded	No
76	CE 512	Structural Engineering Laboratory		5	4	8	7	2	4		1							31	Forwarded	No
77	CE 514	Plates, Shells and Elastic Stability		3		1												4	Forwarded	Yes
78	CE 522	Physico Chemical Processes in Environmental Engineering		3	4	3	7	4	2		1		1	1				26	Forwarded	No
79	CE 523	Air and Noise Pollution		3	6	9	3		1					1				23	Forwarded	Yes
80	CE 527	Design of Environmental Engineering Systems				3	13	1		1								18	Forwarded	No
81	CE 531	Advanced Soil Mechanics		5	4	8	5	4										26	Forwarded	No
82	CE 532	Dynamics of Soil and Foundations		3	10	9	5											27	Forwarded	No
83	CE 541	Infrastructure Planning			3	5	2	2										12	Forwarded	No
84	CE 542	Project Management in Construction		1	4	3	2											10	Forwarded	Yes
85	CE 543	Infrastructure Projects - Construction Methods and Equipment Management		3	4	4	2											13	Forwarded	Yes
86	CE 549	Project and Thesis Phase-I	4	10	3	4												21	Forwarded	No

Sl. No.	Course Code	Course Name	AS	AA	AB	BB	BC	CC	CD	DD	FA	FD	FP	I	NP	PP	X	Grand Total	HoD Forwarded	Hard Copy
87	CE 551	Surface Water Hydrology		4	5	6	7	1										23	Forwarded	No
88	CE 553	Advanced Hydraulic Engineering		7	5	6	4			1								23	Forwarded	No
89	CE 554	Advanced Fluid Mechanics			1	4	10	5	1	1								22	Forwarded	YeS
90	CE 564	Stochastic Hydrology		5	11	10	5											31	Forwarded	No
91	CE 567	Sediment Dynamics in Fluvial Systems		8	7	4					1							20	Forwarded	Yes
92	CE 581	Urban Transportation Systems Planning		8	1	4	2	2	4	1								22	Forwarded	Yes
93	CE 582	Pavement Materials	1	3	5	7	2	3										21	Forwarded	No
94	CE 587	Expansive Soil		3	3	4		1										11	Forwarded	Yes
95	CE 591	Earth System Dynamics		1	5	6								1				13	Forwarded	Yes
96	CE 592	Exploration Geoscience			1	6	5				1				1			14	Forwarded	No
97	CE 593	Advanced Remote Sensing		1	4	4	1	2	1		1							14	Forwarded	YES
98	CE 598	MTech Project- Phase I		7	3		1											11	Forwarded	No
99	CE 601	Numerical Methods		1	3	2	6	3	4	6						1		26	Forwarded	Yes
100	CE 642	Subsurface Invstigation and Instrumentation	3	17	20	22	12				1							75	Forwarded	Yes
101	CE 650	Geotechnical Practice for Waste Disposal		3	2													5	Forwarded	No
102	CE 651	Road Safety Engineering		3	6	6	4	2	1									22	Forwarded	No
103	CE 652	Precision Remote Sensing			1	7	4	2						1				15	Forwarded	Yes
104	CE 669	Advanced Mathematics for Engineers		4	5	1		4	1									15	Forwarded	No
105	CE 690	Project and Thesis Phase-I		13	4													17	Forwarded	No
106	CE 692	Project & Thesis PhaseI		11	3	1								4				19	Forwarded	No
107	CE 694	MTech Project-I		3	3	1								1				8	Forwarded	No
108	CE 696	Project and ThesisPhase - I		11	8	2												21	Forwarded	No
109	CE 698	MTech Project-I		8	6	4	1							7				26	Forwarded	No
110	CH 101	Chemistry	3	126	168	200	122	175	142	2		1						939	Forwarded	No
111	CH 110	Chemistry Laboratory		416	472	43	6			4								941	Forwarded	No
112	CH 212	Inorganic Chemistry		1	4	11	11	15	8	5	1		1					57	Forwarded	No
113	CH 221	Organic Chemistry		3	6	6	7	7	10	18	1							58	Forwarded	No
114	CH 231	Introduction to Quantum Chemistry	1	2	13	7	12	7	13	1	1							57	Forwarded	No
115	CH 301	Environmental Chemistry	1	15	24	11	4											55	Forwarded	No
116	CH 302	Technical Report Presentation		11	22	12	7	1	1									54	Forwarded	No
117	CH 314	Chemical Technology Lab II		25	27	2												54	Forwarded	No
118	CH 316	Frontiers of Coordination Chemistry	1	16	19	8	9	1										54	Forwarded	No
119	CH 331	Chemical Kinetics and Electrochemistry		6	8	12	11	11	5	1								54	Forwarded	No
120	CH 401	Modern Chemical Technology		5	13	18	14		7									57	Forwarded	No
121	CH 410	Chemistry of p- and d-Block Elements	2	13	18	18	5	1		1	1							59	Forwarded	No
122	CH 417	Organometallic Chemistry	1	5	5	11	14	10	2									48	Forwarded	No
123	CH 420	Principles of Organic Chemistry		7	17	26	7	1			1							59	Forwarded	No
124	CH 426	Green Chemistry and Technology	5	44	52	52	40	37	13	2		2					1	248	Forwarded	No
125	CH 427	Medicinal Chemistry			2	1												3	Forwarded	No
126	CH 429	Petroleums and Petrochemicals	4	11	15	41	26	20	5	3								125	Forwarded	No
127	CH 430	Quantum Chemistry		6	17	20	13	1		1							1	59	Forwarded	No
128	CH 431	Group Theory and Spectroscopy			4	7	17	11	11	7	1		1					59	Forwarded	No
129	CH 435	Physical Chemistry Laboratory		33	17	8					1							59	Forwarded	No
130	CH 498	Project - I		16	19	15	2		3									55	Forwarded	No
131	CH 511	Principles of Bioinorganic Chemistry		11	21	13	10	3	1									59	Forwarded	No
132	CH 515	Inorganic Chemistry Laboratory		33	26													59	Forwarded	No

Sl. No.	Course Code	Course Name	AS	AA	AB	BB	BC	CC	CD	DD	FA	FD	FP	I	NP	PP	X	Grand Total	HoD Forwarded	Hard Copy
133	CH 520	Concepts in Organic Synthesis		15	25	5	6	3	2	3								59	Forwarded	No
134	CH 521	Bio-organic Chemistry		20	17	11	9	2										59	Forwarded	No
135	CH 530	Classical and Statistical Thermodynamics	1	9	13	17	11	8										59	Forwarded	No
136	CH 601	Physical Methods in Chemistry		12	16	17	7											52	Forwarded	No
137	CH 626	Art in Organic Synthesis		19	11	7	8	3										48	Forwarded	No
138	CH 633	Chemical Applications of Group Theory					2	1		1	3							7	Forwarded	No
139	CH 634	Time dependent Quantum Mechanics		1		2	1											4	Forwarded	No
140	CH 637	Computational Methods in Chemistry					3											3	Forwarded	No
141	CH 645	Scientific Writing and Presentation		3														3	Forwarded	No
142	CL 201	Chemical Process Calculation		3	15	8	33	31	37	19				1				147	Forwarded	YES
143	CL 202	Fluid Mechanics	1	17	37	57	16	10	4	2	1							145	Forwarded	YES
144	CL 204	Heat Transfer	2	17	22	22	7	14	6	1								91	Forwarded	Yes
145	CL 301	Mass Transfer II		13	17	24	25	7	6	1								93	Forwarded	Yes
146	CL 302	Chemical Reaction Engineering - II		3	8	18	32	24	7	1								93	Forwarded	Yes
147	CL 303	Process Control and Instrumentation		3	2	17	24	26	12	8		1						93	Forwarded	Yes
148	CL 310	Solid Fluid Operations Laboratory		15	28	29	20	1										93	Forwarded	Yes
149	CL 311	Technical Writing and Presentation	2	20	33	24	14		1									94	Forwarded	Yes
150	CL 398	General Learning of Chemical Engineering Research Project - I		4	1													5	Forwarded	Yes
151	CL 498	Project I		17	14	15	5	3	2	1				2				59	Forwarded	YES
152	CL 501	Advanced Transport Phenomena		4	5	9	7	9	6	5			1					46	Forwarded	YES
153	CL 502	Computer Aided Numerical Methods		1	6	11	13	10	4					1				46	Forwarded	YES
154	CL 511	Petroleum Reservoir Engineering		3	5	7	7	2										24	Forwarded	Yes
155	CL 512	Petroleum Refinery Engineering		3	5	10	3	2										23	Forwarded	YES
156	CL 513	Characterization of Materials		1	9	7	8	1						3				29	Forwarded	Yes
157	CL 612	Colloid and Interface Science		6	9	17	21	14	8					1				76	Forwarded	YES
158	CL 614	Fluidization Engineering		6	18	49	21	8	4	1		1						108	Forwarded	YES
159	CL 623	Polymer Science and Technology		23	36	58	38	2										157	Forwarded	No
160	CL 629	Membranes		3	5	2	13	10	8					2	1			44	Forwarded	YES
161	CL 630	Composites Materials	1	5	3	4	5	15	8					1				42	Forwarded	YES
162	CL 634	Applied Rheology		2	6	2												10	Forwarded	Yes
163	CL 635	Advanced Clean Fuel Technologies	2	2	1	3	2											10	Forwarded	Yes
164	CL 636	Microelectronic fabrication		2	1	1										1		5	Forwarded	YES
165	CL 640	Research Methodology and Scientific Writing		2	3	8	5											18	Forwarded	Yes
166	CL 643	Computer aided applied optimization	4	12	16	16	11	9	4	3				11				86	Forwarded	YES
167	CL 645	Applied Statistics for chemical engineers		2	1	3	1							1				8	Forwarded	YES
168	CL 652	Process Modelling and simulation lab		5	2					1								8	Forwarded	YES
169	CL 655	Enhanced Oil Recovery		3		1	4	1							1			10	Forwarded	Yes
170	CL 698	Project		27	20	13	4	1						1				66	Pending	YES
171	CS 201	Discrete Mathematics		1	14	28	39	15	16	3			9	1				126	Forwarded	YES
172	CS 203	Algorithms and Data Structures		5	17	20	16	33	14	15			18		1			139	Forwarded	YES
173	CS 204	Algorithms and Data Structures Laboratory		12	23	16	21	28	12	15			4					131	Forwarded	YES
174	CS 205M	Theoretical Foundations of Computer Science		3	14	23	10			1								51	Forwarded	YES
175	CS 221	Digital Design		16	28	38	41	24	27	13			23					210	Forwarded	No
176	CS 242	System Software Laboratory		22	98	3	2	1		1								127	Forwarded	YES

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177	CS 322M	Digital Logic and Computer Architecture		3	2	3	9	11	11	1	4		2					46	Forwarded	YES
178	CS 341	Computer Networks		1	19	39	40	28	32	30	1	1	17					208	Forwarded	YES
179	CS 342	Computer Networks Laboratory		44	65	44	23	21	6				2					205	Forwarded	YES
180	CS 343	Operating Systems	3	23	45	22	44	32	13	22	1							205	Forwarded	YES
181	CS 344	Operating Systems Lab.		14	66	84	26	10	4					1				205	Forwarded	No
182	CS 441M	Software Engineering		1		6	7	9	8	5			4		1			41	Forwarded	YES
183	CS 498	B Tech Project-I		10	30	17	8						1	2				68	Forwarded	YES
184	CS 499	Project II							1					1				2	Forwarded	YES
185	CS 502	Computational Geometry		1	2	3												6	Forwarded	YES
186	CS 512	Design and Analysis of Algorithms		3	6	12	13	19	3	7			6					69	Forwarded	YES
187	CS 513	Data Structures Lab		23	23	20	8		1				1					76	Forwarded	Yes
188	CS 514	Mathematics for Computer Science		1	10	29	20	16	13	6			1					96	Forwarded	YES
189	CS 522	Embedded Systems		7	22	27	14	18	15	3			1					107	Forwarded	YES
190	CS 525	Formal Methods For System Verification		12	23	27	27	14	16	10			6					135	Forwarded	Yes
191	CS 535	Hardware Security		5	10	12	7	5		2			1			1		43	Forwarded	Yes
192	CS 549	Computer and Network Security	1	5	3	1	15	4	7	1					2	1		40	Forwarded	Yes
193	CS 566	Speech Processing		11	12	18	12	6	4	6			1					70	Forwarded	Yes
194	CS 578	Internet of Things		4	10	9	11	6	5	3	1		7					56	Forwarded	Yes
195	CS 590	Deep Learning		24	57	87	94	2					2					266	Forwarded	Yes
196	CS 666	Mobile Robotics		5	7	5	3											20	Forwarded	YES
197	CS 698	Project I		4	20	16	14	5	2				1	5				67	Forwarded	Yes
198	CS 699	Project II					1							1				2	Forwarded	YES
199	DA 211	Algorithms and Data Structure		5	5	9	8	4	1				1		4			37	Forwarded	Yes
200	DA 212	Algorithms and Data Structure Lab		6	7	12	5	3										33	Forwarded	YES
201	DA 231	Introduction to Data Science		4	8	8	5	5		3								33	Forwarded	No
202	DA 241	Statistical Foundations for Data Science		2	4	6	4	7	5				5			3		36	Forwarded	Yes
203	DA 241M	Mathematical Foundations of Data Science	1	5	8	17	10	2	2	1						1		47	Forwarded	Yes
204	DA 242	Discrete Mathematics		1	1	8	12	3	4	4								33	Forwarded	YES
205	DA 251	Signals , Systems & Networks		4	8	8	4		4	3			2					33	Forwarded	Yes
206	DA 311	Machine Learning Laboratory		6	8	6	1		1									22	Forwarded	YES
207	DA 321	Multi-modal Data Processing & Learning - I		1	5	6	4	4	2									22	Forwarded	YES
208	DA 321M	Machine Learning		4	8	11	11	6	2	2			3					47	Forwarded	YES
209	DA 322	Machine Learning		6	4	8	2	1	1									22	Forwarded	No
210	DA 331	Big Data Analytics : Tools & Techniques		6	10	12	10	2								2		42	Forwarded	YES
211	DA 341	Applied Time Series Analysis		3	5	4	9	3	2	1								27	Forwarded	No
212	DA 351	Computer Systems		1	1	7	6	6	4									25	Forwarded	Yes
213	DA 511H	Data Structures and Algorithms		8	7	3							2			2		22	Forwarded	YES
214	DA 512H	Databases		4	4	3	4	3										18	Forwarded	Yes
215	DA 513	Data structures and Databases Lab		4	6	3	4	1					2					20	Forwarded	YES
216	DA 514	Python Programming Lab		3	6	8	2	1					2					22	Forwarded	YES
217	DD 102	Representation Techniques	1	10	12	12	8	9	1	1			1					55	Forwarded	Yes
218	DD 103	Elements of Design	1	12	14	14	13	1										55	Forwarded	Yes
219	DD 104	Applied Science for Design	1	9	9	13	9	8	4	3								56	Forwarded	Yes
220	DD 105	Tinkering studio		1	12	18	14	10										55	Forwarded	YES
221	DD 201	Form Studies		9	16	17	9	1			1							53	Forwarded	Yes
222	DD 202	Photo and Video Communication	1	17	22	8	4											52	Forwarded	Yes

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223	DD 203	Materials and Processes	1	10	8	10	11	3	4	5								52	Forwarded	Yes
224	DD 204	Visual Communication Theory		7	16	20	5	3	1									52	Forwarded	Yes
225	DD 205	Ergonomics in Design		5	18	16	4	4	5	2								54	Forwarded	Yes
226	DD 206	User Research Methods		16	26	10										1		53	Forwarded	Yes
227	DD 216	BDes Project I	1	7	15	13	7	8	2	5			3					61	Forwarded	Yes
228	DD 301	Interaction Design			12	28	7	9	4									60	Forwarded	Yes
229	DD 302	Design Analysis		13	22	19	7	3					1					65	Forwarded	Yes
230	DD 304	Tangible Interfaces		27	22	10		1										60	Forwarded	Yes
231	DD 310M	Product Design		4	8	3	1			2								18	Forwarded	Yes
232	DD 321	Modelling and SImulation Techniques		7	7											2		16	Forwarded	Yes
233	DD 322	Animation Fundamentals		4	12	8	4	1									6	35	Forwarded	YES
234	DD 398	BDes Project II									2							2	Forwarded	Yes
235	DD 401	Design Management		18	18	6	9	1			1							53	Forwarded	Yes
236	DD 402	Design Research and Technical Writing		1	4	9	11	16	5	4	1		1					52	Forwarded	Yes
237	DD 410M	Design Management		7	6	4					2							19	Forwarded	Yes
238	DD 498	Design Project III		9	19	13	4	1	3	2	2							53	Forwarded	Yes
239	DD 499	BDes Project IV		1														1	Forwarded	Yes
240	DD 502	Visual Design - Principles and Applications		16	11	3	2				2							34	Forwarded	Yes
241	DD 503	Ergonomics		4	3	4	10	10		1	2		1					35	Forwarded	YES
242	DD 504	Design Methods		2	5	10	7	8			2							34	Forwarded	YES
243	DD 508	Product Design Prototyping and Advanced Manufacturing		6	3											2		11	Forwarded	Yes
244	DD 515	Typography		2	14	11	2									1		30	Forwarded	YES
245	DD 518	Representation Techniques for Animation		5	7	4	12	12	7	3	2						3	55	Forwarded	Yes
246	DD 521	System Design For Sustainability		2	2											1		5	Forwarded	Yes
247	DD 527	Introduction to Toy Design		2	3	6	3	1										15	Forwarded	YES
248	DD 539	Film Design	1	7	13	6	4											31	Forwarded	Yes
249	DD 542	Introduction to Industrial Design		1	9	11	3	1								1		26	Forwarded	Yes
250	DD 543	Product Design Methods		3	5	8	8	5								1		30	Forwarded	Yes
251	DD 544	Ergonomics in Product Design		3	3	3	7	10		1								27	Forwarded	YES
252	DD 545	Rapid Prototyping and Development	1	5	9	5	2	3										25	Forwarded	YES
253	DD 550	Image Processing with Machine Learning		2	3	5	3	4								1		18	Forwarded	YES
254	DD 553	Basics of Signal Processing		1		2	2											5	Forwarded	Yes
255	DD 560	Design for Development		3	6	3		1										13	Forwarded	Yes
256	DD 601	Usability Engineering	1	6	19	16	3											45	Forwarded	Yes
257	DD 603	Thesis Project Phase I		15	3	11	2			1			1					33	Forwarded	Yes
258	DD 605	Thesis Project (Phase II)		1														1	Forwarded	Yes
259	DD 608	Thesis Project (Phase I)		12	12	4	1											29	Forwarded	Yes
260	DD 609	Expert Workshop														29		29	Forwarded	Yes
261	DD 611	Foundations for Electronic Product Design		5	6	3	2	1										17	Forwarded	Yes
262	DD 705	Design Research Methods		1	3	1												5	Forwarded	Yes
263	DD 709	Design-based Project			1													1	Forwarded	Yes
264	DD 712	Problem-based Learning through Design		1														1	Forwarded	Yes
265	DM 501	Fundamentals of disaster management	1	2	1	3	1	1										9	Forwarded	Yes
266	DM 502	Socio-economic and policy aspects of disaster risk reduction		1	9	9	11	8	4							2		44	Forwarded	Yes
267	DM 698	Project Phase 2		2		1		1										4	Forwarded	Yes

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268	DS 698	MTP Project - I		4	2	5	3	1										15	Pending	No
269	EE 101	Basic Electronics		56	97	293	219	181	64	42			58					1010	Forwarded	Yes
270	EE 203	Semiconductor Devices	1	4	14	32	46	39	29	11			7					183	Forwarded	Yes
271	EE 204	Circuit Theory		5	7	14	15	22	27	15			13					118	Forwarded	Yes
272	EE 205	Principles of Electrical Engineering		2	2	19	14	11	10	8			7					73	Forwarded	Yes
273	EE 210	Digital circuits		20	15	47	35	23	17	14			15					186	Forwarded	Yes
274	EE 211	Digital circuits Laboratory	2	62	75	35	8	3										185	Forwarded	Yes
275	EE 220	Signals and Systems	1	16	28	49	56	52	23	5			16					246	Forwarded	Yes
276	EE 312	Embedded Systems	3	20	39	55	34	19	2	2			5					179	Forwarded	Yes
277	EE 321	Digital Signal Processing	2	15	12	18	23	21	8	8			6	1				114	Forwarded	Yes
278	EE 331	Principles of Communication	4	4	17	31	38	21	41	15			7					178	Forwarded	Yes
279	EE 340	Electromagnetic Theory		14	34	66	48	7	4	4			1	1				179	Forwarded	Yes
280	EE 340M	Electromagnetic Field Theory		1	1	4	2	4	5	3			4					24	Forwarded	No
281	EE 351	Control and Robotics Laboratory		30	57	40	28	11	7	4								177	Forwarded	Yes
282	EE 380	Electrical Machines	1	18	45	47	28	20	3	13			3					178	Forwarded	No
283	EE 398	BTech Project-I		1	6	2	2			3								14	Forwarded	Yes
284	EE 424M	Communication Systems		1	2	2	7	5	8	1			4					30	Forwarded	Yes
285	EE 498	Project I		3	13	12	1											29	Forwarded	No
286	EE 510	Semiconductor Device Modeling		1	3	2	2			2				1				11	Forwarded	No
287	EE 513n	Nanoelectronics Fabrication Technology		3	6	14	6			2								31	Forwarded	Yes
288	EE 514	Digital IC Design			3	16	3	1			1							24	Forwarded	No
289	EE 518n	Digital IC design Lab		8	11	2	1											22	Forwarded	YES
290	EE 519	Photonics and Microelectronics Laboratory		1	2	2	2	1					2					10	Forwarded	YES
291	EE 520	Signal Processing Algorithms and Architectures		2	4	7	4	3	1							1		22	Forwarded	Yes
292	EE 523	Introduction to Machine Learning		4	5	9	9	1								4		32	Forwarded	Yes
293	EE 524	Machine Learning Laboratory	1	2	6	6	4											19	Forwarded	Yes
294	EE 530n	Digital Communications		2	3	4	2	4										15	Forwarded	No
295	EE 531n	Random Processes for Communications		2	3	7	4											16	Forwarded	Yes
296	EE 532	Matrix Theory for Communications		1	3	5	4	1	1									15	Forwarded	Yes
297	EE 534n	Simulation Methods for Communications		2		1	5	4	2									14	Forwarded	Yes
298	EE 542	RF Circuits and Systems			1	1	3	2	2				1	1				11	Forwarded	No
299	EE 547	Photonics Devices		2	2	2	1	1					2					10	Forwarded	YES
300	EE 550	Linear Systems Theory		1	4	6	3	1	1	2	3		2					23	Forwarded	Yes
301	EE 551	Estimation and Identification			1	2	2	1	1	1	1					1		10	Forwarded	Yes
302	EE 552	Applied Control Lab	2	3	4						1							10	Forwarded	No
303	EE 556	Linear Algebra		2	3	1	3	2	2	1	1		2					17	Forwarded	Yes
304	EE 560	Power Electronic Converters		1	3	1		2	1	2	1		1					12	Forwarded	YeS
305	EE 561	Power Electronics Laboratory		3	5	2	1						1					12	Forwarded	Yes
306	EE 570	Modern Power Systems		1	2	6	1	1					1					12	Forwarded	Yes
307	EE 571	Insulation and High Voltage Engineering			2	4	2	3		1			1					13	Forwarded	No
308	EE 590	Linear Algebra and Optimization	1	1	5	6	7	4										24	Forwarded	No
309	EE 591	Probability and Stochastic Processes	1	2	7	7	5			1								23	Forwarded	Yes
310	EE 601	Introduction to Distributed Control Systems	4	7	8	15	19	20	12	3	2					7		97	Forwarded	No
311	EE 610	Fundamentals of VLSI CAD		4	14	27	30	10	3	2								90	Forwarded	Yes
312	EE 618	Spintronics and memory technologies	1	2	1	1												5	Forwarded	No

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313	EE 623	Speech Signal Processing and Coding		2	2	1												5	Forwarded	Yes
314	EE 636	Selected Topics in Information Theory			3	2	6	1		3								15	Forwarded	No
315	EE 644	Plasmonic, nanophotonic and metamaterials		1	3	5	2	1										12	Forwarded	Yes
316	EE 646	Optical Measurement Techniques and Applications		6	6	31	23	13	14	6								99	Forwarded	Yes
317	EE 653	Modeling and Simulation of Dynamic Systems		1	9	4	14	4	7	7			6					52	Forwarded	Yes
318	EE 658	Optimization Techniques		3	3	5	6	2	1									20	Forwarded	Yes
319	EE 660	Modelling and Control of Power Electronic Converters		5	4	4	12	8	19	16			2					70	Forwarded	Yes
320	EE 677	Smart power grids for a sustainable future	2	4	6	2	8		2	2								26	Forwarded	No
321	EE 692	Detection and Estimation Theory		3	4	6	1			2								16	Forwarded	Yes
322	EE 693	Advanced Topics in Random Processes	1	1	3	2												7	Forwarded	No
323	EE 698	Project Phase I		10	37	23	13	2						2				87	Forwarded	Yes
324	EM 501	E-mobility, Electric and Hybrid Vehicles			1		1											2	Forwarded	No
325	EM 502	Modelling, Dynamics and Control of Evs		1		1									1			3	Forwarded	Yes
326	EM 503	Energy storage and conversion		1		1												2	Forwarded	Yes
327	EM 598	Project Phase 2		1	1	2		3			1							8	Forwarded	Yes
328	EN 201	Electrical Machines and Power Electronics		4	7	5												16	Forwarded	Yes
329	EN 202	Engineering Thermodynamics		3	6	2	5											16	Forwarded	Yes
330	EN 203	Fluid Mechanics and Fluid Machines			2	5	4	5										16	Forwarded	Yes
331	EN 204	Fuels and Combustion Engineering		3	5	5	3											16	Forwarded	Yes
332	EN 205	Fuels and Combustion Laboratory		8	6	1												15	Forwarded	Yes
333	EN 661	Renewable Energy Systems		5	5	7	3											20	Forwarded	Yes
334	EN 663	Operation and instrumentation		4	4	3			1									12	Forwarded	Yes
335	EN 672	Energy Storage Systems		4	5	5	3	2								1		20	Forwarded	Yes
336	EN 673	Fundamentals of Energy Engineering		2	3	6	3	2										16	Forwarded	Yes
337	EN 680	Distributed Energy Resources in Electric Grid		3	8	4	2											17	Forwarded	Yes
338	EN 698	Project 2		6	7		1											14	Forwarded	Yes
339	HS 101	English Communication														118		118	Forwarded	Yes
340	HS 113	Cognitive Psychology		2	2	6	13	32	15	6								76	Forwarded	Yes
341	HS 123	Game Theory and Economics		24	18	19	8	9	3	3			3					87	Forwarded	Yes
342	HS 129	Economic Theory: An Introduction		25	114	15	10	1										165	Forwarded	Yes
343	HS 133	Introduction to Phonetics		5	3	12	8	16	11	6			3					64	Forwarded	Yes
344	HS 144	Drama from Aristotle to Goethe	2	4	16	15	33	36										106	Forwarded	Yes
345	HS 147	War and Peace: India's Military History	1	4	21	49	19											94	Forwarded	Yes
346	HS 154	Sociology: The Science of Praxis	1	8	33	37	13	11	3	1	1							108	Forwarded	Yes
347	HS 158	Introduction to Language Acquisition		7	15	14	19	14	16	9								94	Forwarded	Yes
348	HS 160	Logical Reasoning		3	7	20	39	9	2	1								81	Forwarded	Yes
349	HS 162	Archaeological Studies in Ancient Technology		2	9	18	20	23	11	2								85	Forwarded	YES
350	HS 213	Psychology of Health and Adjustment		10	12	12	22	21	19	16								112	Forwarded	Yes
351	HS 217	Social History of Technology in Modern India		5	19	21	27	20	10	9			1					112	Forwarded	YES

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352	HS 225	Inventing the Truth: The Art and Craft of Autobiography		4	25	24	38	22	8	3								124	Forwarded	YeS
353	HS 229	Environmental Economics		1	6	9	9	12	19	36		12						104	Forwarded	Yes
354	HS 236	Sociological Perspectives on Modernity		14	35	39	20	2	3			1		1				115	Forwarded	Yes
355	HS 250	Introduction to the Indian Epics			4	36	38	9	6	5								98	Forwarded	Yes
356	HS 252	Pandemics, Health and Society		4	24	30	27	12	9	7								113	Forwarded	Yes
357	HS 253	Social Movements in India		1	6	14	26	29	33	30								139	Forwarded	Yes
358	HS 318M	Contemporary Literary Theory		2	3													5	Forwarded	Yes
359	HS 418M	Language and Thought			1	1	1	1										4	Forwarded	Yes
360	HS 501	Essentials of Political Theory		3	10	10	9	11	8	1								52	Forwarded	Yes
361	HS 506	Interrogating Modernity		4		11	9	3	1	1						1		30	Forwarded	Yes
362	HS 515	Introduction to Economics		4	6	9	7	10	6					1				43	Forwarded	Yes
363	HS 516	The Study of Society		6	11	11	10	3	2									43	Forwarded	Yes
364	HS 519	Economic History of Colonial India		4	10	11	13	3	2									43	Forwarded	Yes
365	HS 522	Quantitative Research Methods in Social Sciences		11	8	8	8	7										42	Forwarded	Yes
366	HS 526	Conflict and Financial Diplomacy	1	2	7	13	12	5		2								42	Forwarded	Yes
367	HS 554	Theories and Thinkers: The Concept of Culture		2	1	2	2	1	2									10	Forwarded	Yes
368	HS 555	Introduction to Liberal Studies		1	2	4	3											10	Forwarded	Yes
369	HS 558	Between History and Memory : Genres of Life Writing			2	3								1				6	Forwarded	Yes
370	HS 560	Race and the Novel				2	2	2										6	Forwarded	Yes
371	HS 566	Debates in Philosophy	1	1	2	4	1	3	2	1								15	Forwarded	Yes
372	HS 568	Digital Humanities: Theories in Practice		1	1	4	2	4		3								15	Forwarded	Yes
373	HS 569	Language, Mind and Thought		3	3	2	2											10	Forwarded	Yes
374	HS 570	Paths to Policymaking in India		1	1	3	3	1										9	Forwarded	YES
375	HS 609	Globalization and Sustainable Development		6	26	8	4		1		1							46	Forwarded	Yes
376	HS 613	Statistical Method for Social Sciences		2	5	8	8	4	2		2						2	33	Forwarded	Yes
377	HS 618	Modern Political and Social Imaginaries		1	7	6	9	5	2	1	1			1				33	Forwarded	Yes
378	HS 621	Public Health and Development in India		2	14	9	5	7	2		2							41	Forwarded	Yes
379	HS 696	Project I		2	4	2	1	2	1	1	2							15	Forwarded	Yes
380	HS 698	Project Phase 1		2	14	17	8				2							43	Forwarded	Yes
381	HS 705	Growth and Development			1		1											2	Forwarded	YES
382	HS 714	Understanding Organizational Behaviour: Theory and Research				1												1	Forwarded	Yes
383	HS 716	Research Methodology in Psychology					1											1	Forwarded	Yes
384	HS 722	Cultural Anthropology		1			1											2	Forwarded	Yes
385	HS 723	Methods in Historical Research			3													3	Forwarded	YES
386	HS 724	History in Indian Vernaculars			3													3	Forwarded	Yes
387	HS 731	Heritage, Identity and Archaeology			1	1												2	Forwarded	Yes
388	HS 749	Issues in Tone Languages				2												2	Forwarded	Yes
389	HS 750	Mathematical Method for Economists		1	1	1												3	Forwarded	Yes
390	HS 768	Bilingualism: language and cognition			2													2	Forwarded	Yes
391	HT 501	Introduction to Cellular Processes	1	2	9	12	8	3						1				36	Pending	No
392	HT 502	Basic Physiology for Clinical Immersion	1	7	8	7	7	1						1				32	Pending	No

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393	HT 503	Introduction to Biomedical Electronics and Instrumentation	1	6	11	7	2											27	Pending	No
394	HT 504	Basics of Mathematical Modelling and Simulation	1	4	10	11	4							1				31	Pending	No
395	HT 505	Research Methodology, Ethics, IPR, Entrepreneurship and Biosafety	2	3	6	6	8											25	Pending	No
396	HT 598	Project-1		4	4	3	2	4						1				18	Pending	No
397	IFST 001	Advanced Food Processing		1	1	3	2	1										8	Pending	Yes
398	IFST 002	International Joint Exercises in Food Science and Technology		3	3		1							1				8	Pending	YES
399	IFST 003	International Joint Global Internship & Seminar-B												3				3	Pending	Yes
400	IFST 005	Design thinking and Scientific Writing		4	1													5	Pending	Yes
401	IFST 018	Joint Degree Dissertation		1											2			3	Pending	Yes
402	IFST 019	Joint Degree Dissertation		2											2			4	Pending	Yes
403	LS 501	Mathematics and Statistics				1												1	Pending	No
404	LS 551	Introduction to Linguistic Science				1												1	Pending	Yes
405	MA 101	Mathematics - I	3	36	81	183	231	146	181	82			7					950	Forwarded	Yes
406	MA 211M	Real Analysis					2	2	6	11			10			1		32	Forwarded	Yes
407	MA 221	Discrete Mathematics		2	7	26	33	8	1	4								81	Forwarded	Yes
408	MA 222	Elementary Number Theory and Algebra	2	11	8	15	20	40	29	25	41		16					207	Forwarded	No
409	MA 225	Probability Theory and Random Processes	2	21	26	23	35	34	17	19			27		2			206	Forwarded	Yes
410	MA 251	Data Structures		4	9	8	17	18	14	9								79	Forwarded	Yes
411	MA 311M	Scientific Computing				2	2	6	4	7			11					32	Forwarded	Yes
412	MA 321	Optimization	5	12	14	18	20	65	39	30			2					205	Forwarded	Yes
413	MA 323	Monte Carlo Simulation		11	12	16	11	13	8	8								79	Forwarded	No
414	MA 372	Stochastic Calculus for Finance		3	16	8	22	11	15	4			1					80	Forwarded	YES
415	MA 411M	Differential Geometry		1		1	5	7	3	2			18			1		38	Forwarded	Yes
416	MA 473	Computational Finance	3	5	9	14	13	13	14	5		1	1					78	Forwarded	Yes
417	MA 498	Project-I		43	12	10	7	5	1									78	Forwarded	No
418	MA 501	Discrete Mathematics	1	8	5	6	11	14	7	5			5					62	Forwarded	Yes
419	MA 502	Graph Theory		1	4	4	2		2	1	2							16	Forwarded	YES
420	MA 506	Number Theory and Cryptography		1			1	2		2								6	Forwarded	Yes
421	MA 509	Algebraic Number Theory			3		1								1			5	Forwarded	YES
422	MA 511	Computer Programming		2	8	13	8	12	9	3			5					60	Forwarded	YES
423	MA 514	Theory of Computation				10	8	17	14	8			2					59	Forwarded	YES
424	MA 518	Database Management Systems		1	3	7	8	11	4	6								40	Forwarded	Yes
425	MA 521	Modern Algebra		2	5	7	16	9	8	4			10					61	Forwarded	YES
426	MA 522	Linear Algebra	1	12	13	6	10	4	5	7			3					61	Forwarded	Yes
427	MA 541	Real Analysis		5	5	11	11	12	11	6	1							62	Forwarded	YES
428	MA 543	Functional Analysis		1	1	2	4	7	12	23			13					63	Forwarded	Yes
429	MA 549	Topology		1	2	2	3	4	2	1								15	Forwarded	YES
430	MA 572	Numerical Analysis		2	2	3	7	22	8	5			10		1			60	Forwarded	No
431	MA 579H	Scientific Computing		3	1		7	4		3								18	Forwarded	YES
432	MA 580H	Matrix Computations			1	3		6	4	1	2		4					21	Forwarded	Yes
433	MA 581	Numerical Computations Lab		2	1	3	4	2	2	2	2		4					22	Forwarded	Yes
434	MA 589	Statistical Foundations for Data Science	1	5	1	4	5	2	4	2			2			1		27	Forwarded	Yes

Sl. No.	Course Code	Course Name	AS	AA	AB	BB	BC	CC	CD	DD	FA	FD	FP	I	NP	PP	X	Grand Total	HoD Forwarded	Hard Copy
435	MA 592	Mathematical Finance	4	18	18	25	30	40	37	15			6					193	Forwarded	Yes
436	MA 625	Linear Algebra-I	2	1		1	1	1	2		1							9	Forwarded	Yes
437	MA 642	Real Analysis-1		2	2	2	1											7	Forwarded	Yes
438	MA 662	Differential Equations		1		2	3											6	Forwarded	Yes
439	MA 683	Probability Theory			1	1					1							3	Forwarded	Yes
440	MA 697	Seminar		13	13	9	9	6	3	5	1							59	Forwarded	Yes
441	MA 699	Project									1							1	Forwarded	YES
442	ME 110	Workshop I		100	164	171	2						1					438	Forwarded	Yes
443	ME 201Mn	Manufacturing Technology				1												1	Forwarded	No
444	ME 211	Thermodynamics		3	17	32	36	9	15	5								117	Forwarded	Yes
445	ME 212	Solid Mechanics I		24	32	58	39	27	20	8								208	Forwarded	Yes
446	ME 214	Fluid Mechanics - I		2	5	22	45	20	14	9			1					118	Forwarded	Yes
447	ME 215	Machine Drawing		22	59	34	4											119	Forwarded	Yes
448	ME 216	Mechanical Engg Laboratory- I		38	63	13	3											117	Forwarded	No
449	ME 301M	Robotic Vision and Control		1	3		2	2			1							9	Forwarded	Yes
450	ME 311	Heat Transfer		2	3	16	21	33	17	17	5							114	Forwarded	Yes
451	ME 312	Manufacturing Technology II		15	13	25	20	19	8	14			3					117	Forwarded	Yes
452	ME 313	Dynamics of Machinery	2	11	14	28	42	6	3	5			5					116	Forwarded	Yes
453	ME 314	Design of Machine Elements		4	13	20	28	25	17	6			1					114	Forwarded	Yes
454	ME 315	Mechanical Engineering Laboratory III		9	45	52	5	1			1		1					114	Forwarded	Yes
455	ME 398	BTech Project-I		21	39	35	7	4	5	1								112	Forwarded	No
456	ME 399	BTech Project-II				1												1	Forwarded	No
457	ME 401	Summer Training													3	121		124	Forwarded	YES
458	ME 401M	Project		4	1	8	1											14	Forwarded	Yes
459	ME 498	BTech Project-III		5	39	42	34	2						1				123	Forwarded	No
460	ME 499	Project-II			1													1	Forwarded	No
461	ME 501	Advanced Engineering Mathematics	1	7	14	41	34	12	15	3	2							129	Forwarded	Yes
462	ME 502	Engineering Computing Laboratory		6	20	25	24	27	14	9	2							127	Forwarded	YES
463	ME 503	Technical Writing		16	42	39		1			5				1	4		108	Forwarded	YES
464	ME 504	MTP Phase I		15	38	30	7	3	1		6			1				101	Forwarded	Yes
465	ME 505	MTP Phase II				1	1	2			1							5	Forwarded	Yes
466	ME 510	Subtractive Manufacturing		4	16	11	4						1					36	Forwarded	No
467	ME 512	Welding and Additive Manufacturing	2	11	8	6	8	2	2									39	Forwarded	Yes
468	ME 520	Fluid Mechanics		3	4	7	6	7	3	2	1		7					40	Forwarded	Yes
469	ME 521	Conduction and Radiation		2	4	5	11	4	3	3			3					35	Forwarded	Yes
470	ME 523	Advanced Thermodynamics		1	4	12	10	7	1									35	Forwarded	Yes
471	ME 530	Advanced Mechanics of Solids		7	11	19	8	5	1				1					52	Forwarded	Yes
472	ME 531	Mechanical Vibrations	1	7	15	9	10	4			2							48	Forwarded	YES
473	ME 532	Finite Element Methods in Engineering	1	4	13	12	18	12	3	2	1							66	Forwarded	Yes
474	ME 543	Computational Fluid Dynamics	1	4	7	12	12	9	14	4			3		1	1		68	Forwarded	YES
475	ME 550	Introduction to Aerospace Engineering			2	2	1	1	4	1								11	Forwarded	Yes
476	ME 551	Aerodynamics		3	3	3	3											12	Forwarded	Yes
477	ME 606	Solidification Processing		1	2	3												6	Forwarded	Yes
478	ME 608	Computer Aided Design-Computer Aided Manufacturing	1	5	23	41	30	16	4				1					121	Forwarded	YES
479	ME 609	Optimization Methods in Engineering		3	11	16	26	16	8	17	6		4					107	Forwarded	Yes
480	ME 640	Robotics and Robot Application		21	26	40	29	5	1		1					1		124	Forwarded	YES

Sl. No.	Course Code	Course Name	AS	AA	AB	BB	BC	CC	CD	DD	FA	FD	FP	I	NP	PP	X	Grand Total	HoD Forwarded	Hard Copy
481	ME 659	Tribology of Bearings		1	1	1												3	Forwarded	No
482	ME 674	Soft Computing in Engineering	1	4	4	3	4	3	2	2		2	1			2		28	Forwarded	Yes
483	ME 678	Mechanics of Sheet Metal Forming		7	5	13	4	10	8	7		2	1					57	Forwarded	Yes
484	ME 679	Mechanical Behaviour of Materials		3	4	6	13	2	3									31	Forwarded	Yes
485	ME 689	Smart Materials: Modelling and Applications			4	3	3	3	5									18	Forwarded	Yes
486	ME 698	Applied Nonlinear Control	2	2	3	2	1									1		11	Forwarded	Yes
487	NCC	NCC													7	82		89	Pending	No
488	NPTL1	Introduction to Machine Learning		3	4	10	4	4	2				2					29	Forwarded	No
489	NPTL2	Getting started with competitive programming		26	13	8	1						1					49	Forwarded	No
490	NPTL3	Deep Learning			1	3	1						1					6	Forwarded	No
491	NPTL4	Natural language processing				1	1		2									4	Forwarded	No
492	NT 601	Nano Device: Fabrication, Productization and Patent		2	2	2	1											7	Forwarded	No
493	NT 602	Laboratory Safety and Risk Management: Principles		1	4	7	2											14	Forwarded	No
494	PH 110	Physics Laboratory		105	229	144	18	5			5							506	Forwarded	No
495	PH 201	Mathematical Physics		4	4	8	13	8	8	12			9					66	Forwarded	No
496	PH 203	Classical Mechanics	1	4	2	12	13	16	8	7				1				64	Forwarded	No
497	PH 205	Semiconductor Devices		1	9	9	4	12	9	13			2					59	Forwarded	No
498	PH 207	Heat and Thermodynamics		3	5	6	8	14	19	4			3					62	Forwarded	No
499	PH 209	Analog Electronics	1	2	6	3	9	9	10	7			13					60	Forwarded	No
500	PH 211	Electronics Laboratory -I		45	10	1	3											59	Forwarded	No
501	PH 281M	Quantum Physics		1	1													2	Forwarded	No
502	PH 301	Statistical Mechanics		3	9	7	18	12	4	4			3					60	Forwarded	No
503	PH 303	Quantum Mechanics II		2	4	7	7	15	8	4			13					60	Forwarded	No
504	PH 305	Engineering Optics		4	11	9	14	10	8	2			3					61	Forwarded	No
505	PH 307	Atomic and Molecular Spectroscopy	1	10	11	10	19	7	3									61	Forwarded	No
506	PH 309	Electronics Lab-II		13	14	23	9	1	1									61	Forwarded	No
507	PH 312	Mini Project			1													1	Forwarded	No
508	PH 381M	Computational Physics				1	2			3								6	Forwarded	No
509	PH 401	Math Phy-I		3	12	7	14	8	7	2			3	2				58	Forwarded	No
510	PH 403	Classical Mechanics		3	11	10	8	7	14	2			2					57	Forwarded	No
511	PH 405	Quantum Mechanics-I		2	9	9	4	12	12	5			5					58	Forwarded	No
512	PH 407	Computer programming and numerical methods		8	13	15	9	4	3	2			1	2				57	Forwarded	No
513	PH 409	Electronics		2	6	17	14	8	3	6								56	Forwarded	No
514	PH 411	Electronics Lab		8	26	18		2			2							56	Forwarded	No
515	PH 413	Nanoelectronics and Nanophotonics		7	5	4	3	2			2							23	Forwarded	No
516	PH 415	Simulation techniques in physical systems	1	7	10	10	12	12	5	1								58	Forwarded	No
517	PH 419	Materials Science and Engineering	4	8	17	7	6	4	3									49	Forwarded	No
518	PH 421	Project-I		7	13	8	3	2			1							34	Forwarded	No
519	PH 447	Smart Materials and Devices		4	7	4	1	4										20	Forwarded	No
520	PH 460	Electroceramics		1	6	4	4	4	5	2								26	Forwarded	No
521	PH 481M	Materials Science and Engineering			2		1	1										4	Forwarded	No
522	PH 501	Electrodynamics II			2	13	16	11	3	1	1							47	Forwarded	No

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523	PH 503	Atomic and Molecular Physics		4	5	11	16	8	4	2	1							51	Forwarded	No
524	PH 505	Solid State Physics		2	5	6	11	13	5	4	1							47	Forwarded	No
525	PH 507	Nuclear and Particle Physics		4	10	13	14	6	1	2	1					1		52	Forwarded	No
526	PH 511	General Physics Laboratory II		20	22	4		4			1							51	Forwarded	No
527	PH 522	Physics of Semiconductors	1	7	7	1					1							17	Forwarded	No
528	PH 536	Quantum Optics							1							1		2	Forwarded	No
529	PH 543	Quantum Field Theory		12	4	7	2	2	1	1			1			1		31	Forwarded	No
530	PH 701	Advanced Condensed Matter Physics		3	4	4	1				1							13	Forwarded	No
531	PH 703	Quantum Electronics		2	2										1			5	Forwarded	No
532	PH 705	Quantum Field Theory and the Standard Model		2		3	3	2										10	Forwarded	No
533	RA 501	Fundamentals of Robotics	1	8	5	12	6	2										34	Forwarded	Yes
534	RA 502	Artificial Intelligence	1	4	10	11	5	1							3			35	Forwarded	No
535	RA 503	Robot Design Laboratory	2	10	18	1												31	Forwarded	Yes
536	RA 504	Programming Laboratory		4	21	7												32	Forwarded	No
537	RA 507	Technical Writing		1	11	3	2	1										18	Forwarded	No
538	RA 598	Project Phase 1		3	9	4			1					1				18	Forwarded	No
539	RA 602	Control Engineering for Robotics			3			1										4	Forwarded	No
540	RA 603	CAD/CAM		2	2	4												8	Forwarded	Yes
541	RT 504	Rural Water Supply and Sanitation		1	2	3	1											7	Forwarded	Yes
542	RT 510	Research Methodology and Quantitative Techniques for Rural Development			1	1	2											4	Forwarded	Yes
543	RT 516	Product and Process Development in Food and Bioprocessing industries			3	4	3								1			11	Forwarded	Yes
544	RT 523	Rural Technology and Development		2	4	2										3		11	Forwarded	Yes
545	RT 691	Project Phase I		2	3	3												8	Forwarded	Yes
546	SA 201	Athletics														59		59	Pending	Yes
547	SA 202	SA 202													2	58		60	Pending	Yes
548	SA 203	Volleyball														80		80	Pending	Yes
549	SA 204	Football													2	78		80	Pending	Yes
550	SA 205	SA 205													3	97		100	Pending	Yes
551	SA 206	Cricket														79		79	Pending	Yes
552	SA 207	Badminton													2	78		80	Pending	Yes
553	SA 208	SA 208														60		60	Pending	Yes
554	SA 209	SA 209														60		60	Pending	Yes
555	SA 210	YOGA													15	237		252	Pending	Yes
556	SA 216	Weightlifting													1	39		40	Pending	Yes
557	SA 217	Swimming													1	39		40	Pending	Yes
558	SA 401	Athletics														29		29	Pending	No
559	SA 402	Basketball													1	29		30	Pending	No
560	SA 403	Volleyball														30		30	Pending	No
561	SA 404	Football													1	29		30	Pending	No
562	SA 405	Hockey													1	18		19	Pending	No
563	SA 406	Cricket														30		30	Pending	No
564	SA 407	Badminton														30		30	Pending	No
565	SA 408	Table Tennis														29		29	Pending	No
566	SA 409	Lawn Tennis													1	29		30	Pending	No

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567	SA 410	Weightlifting														20		20	Pending	No
568	SA 411	Swimming													2	28		30	Pending	No
569	SP 501	Introduction to Sustainable Polymers		1	1													2	Forwarded	No
570	SP 502	Polymer Processing and Rheology		3	2		1											6	Forwarded	Yes
571	SP 503	Polymer Synthesis and Characterization		2	7	1												10	Forwarded	Yes
572	SP 511	Polymer Processing and Rheology Laboratory			1													1	Forwarded	Yes
573	SP 512	Polymer Synthesis and Characterization Laboratory		1														1	Forwarded	No
574	SP 698	Project -II		6	1	1												8	Forwarded	Yes
575	CE 521			4	6	3	5	2	1	1	1			1				24	Forwarded	No
576	CE 602			21	23	22	26	16	3	4			3					118	Forwarded	No
577	CE 693													1				1	Pending	No
578	CE 699													3				3	Pending	No
579	CS 501		3	7	26	30	32	35	22	18			2	1				176	Forwarded	No
580	DD 101		2	7	14	24	7	2										56	Pending	No
581	EE 511n			6	4	11	2				1							24	Forwarded	No
582	EE 695			8	14	50	21	26	16	12			1				1	149	Pending	No
583	MA 201		1	26	95	158	143	97	76	68	2	3	62	1				732	Forwarded	No
584	MA 499										1							1	Forwarded	No
585	DM 697													1				1	Pending	No
586	EE 311										1							1	Pending	No
587	EE 699				1	2												3	Forwarded	Yes
	Total		171	4320	7111	7388	5615	3701	2334	1391	205	16	685	96	68	1684	11			

Grades yet to be submitted

Sl. No.	Course Code	Course Name
1.	BM 605H	Fixed Income Investments
2.	CH 628	Chemistry of Biological Macromolecules
3.	CL 203	Chemical Engineering Thermodynamics
4.	CoS 01	CoS 01
5.	CoS 03	CoS 03
6.	COS 05	CoS 05
7.	CoS 07	CoS 07
8.	DD 210M	Introduction to Design
9.	DD 501	Design - An Introduction
10.	DS 699	MTP Project-II
11.	EE 211M	Analog Circuits
12.	HS 231M	Comparative Drama
13.	MA 423	Matrix Computations
14.	ME 213	Engineering Materials
15.	NSO-TENNIS	NSO-Tennis
16.	PH 101	Physics - I
17.	PH 509	Project-1
18.	PH 707	Computational Physics
19.	RA 599	Project Phase - II
20.	SA 215	Yoga-2