S.No.	Department	Course Code R2019	Platform - NPTEL / Coursera / Others if any	Course Title	Course Duration	CGPA / Non CGPA	Course Type	Credits	Credits w.e.f. 30.03.24
1	BME, MED ELEC	19BM620	NPTEL	A brief introduction of Micro - Sensors (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
2	CHEMICAL	19CH601	NPTEL (University of	Abnormal Psychology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
3	SCoFT	19AI001	NPTEL	Advanced Computer Architecture (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
4	SCoFT	19AI002	NPTEL	Advanced Distributed Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
5	SCoFT	19AI003	NPTEL	Advanced Graph Theory (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
6	Mechanical	19ME622	NPTEL (IIT Guwahati)	Advanced Machining Processes	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
7	BME, MED ELEC	19BM621	NPTEL	Advanced NMR Techniques in Solution and Solid-State (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
8	SCoFT	19AI072	NPTEL	Advanced Robotics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
9	BME, MED ELEC	19BM622	NPTEL	Advanced Robotics Applications (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
10	Mechanical	19ME620	NPTEL (IIT Guwahati)	Advances in Welding and Joining Technologies (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
11	BME, MED ELEC	19BM623	NPTEL	AI in Marketing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
12	CIVIL, MED ELEC	19CE610	NPTEL	Air Pollution and Control (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
13	SCoFT	19AI184	Coursera	Akamai Customer Consulting and Support Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
14	SCoFT	19AI185	Coursera	Akamai Network Engineering Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
15	SCoFT	19AI005	NPTEL	Algorithmic Game Theory (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
16	BME, MED ELEC,EEE,SCoFT	19BM619	NPTEL	An Introduction to Artificial Intelligence (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
17	BME, MED ELEC	19BM624	NPTEL	An Introduction to Cardiovascular Fluid Mechanics (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
18	BME, MED ELEC	19BM625	NPTEL	An Introduction to Lasers and Laser Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
19	ECE, SCoFT	19EC613	NPTEL	An Introduction to Programming through C++ (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
20	BME, MED ELEC	19BM626	NPTEL	Anti-Doping Awareness in Sports (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
21	SCoFT	19AI006	NPTEL	Applied Accelerated Artificial Intelligence (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
22	ECE	19EC640	NPTEL	Applied Linear Algebra (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
23	SCoFT	19AI094	COURSERA	Applied Machine Learning in Python (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
24	SCoFT	19AI074	COURSERA	Architecting Smart IoT Devices (Coursera)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
25	SCoFT	19AI007	NPTEL	Arithmetic Circuit Complexity (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
26	BME, MED ELEC	19BM627	NPTEL	Artificial Intelligence (AI) for Investments (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
27	SCoFT	19AI004	NPTEL	Artificial Intelligence: Constraint Satisfaction (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
28	SCoFT	19AI009	NPTEL	Artificial Intelligence: Knowledge Representation and Reasoning (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

29	SCoFT	19AI008	NPTEL	Artificial Intelligence: Search Methods for Problem Solving (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
30	CHEMICAL	19CH611	NPTEL	Aspen Plus® Simulation Software - a Basic Course for Beginners (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
31	BME, MED ELEC	19BM628	NPTEL	Augmenting Design Thinking with Human-Computer Interaction (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
32	MECH	19ME605	NPTEL(IIT G)	Automation in Manufacturing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
33	CIVIL	19CE607	NPTEL	Availability and Management of Groundwater Resources (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
34	SCoFT	19AI158	Amazon (CLF-C01)	AWS Certified Cloud Practitioner (Amazon)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
35	SCoFT	19AI160	Amazon (DAS-C01)	AWS Certified Data Analytics - Specialty (Amazon)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
36	SCoFT	19AI157	Amazon (DOP-C02)	AWS Certified DevOps Engineer - Professional (Amazon)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
37	SCoFT	19AI159	MLS-C01)	AWS Certified Machine Learning - Specialty (Amazon)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
38	SCoFT	19AI186	Coursera	AWS Cloud Solutions Architect Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
39	SCoFT	19AI187	Coursera	AWS Cloud Technology Consultant Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
40	CIVIL	19CE611	NPTEL	Basic Construction Materials (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
41	CHEMICAL	19CH612	NPTEL	Basic Environmental Engineering and Pollution Abatement (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
42	CHEMICAL	19CH608	NPTEL	Basic Principles and Calculations in Chemical Engineering (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
43	BME, MED ELEC	19BM617	NPTEL	Basics of Biology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
44	MECH	19ME612	NPTEL	Basics of Digital Marketing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
45	Mechanical	19ME625	NPTEL (IIT Kanpur)	Basics of Mechanical Engineering - 1 (NPTEL)	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
46	EEE, MECH	19EE617	NPTEL	Behavioral and Personal Finance (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
47	SCoFT	19AI010	NPTEL	Big Data Computing (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
48	BME, MED ELEC	19BM629	NPTEL	Bioengineering: An Interface with Biology and Medicine (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
49	BME, MED ELEC	19BM630	NPTEL	BioInformatics: Algorithms and Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
50	CHEMICAL	19CH619	NPTEL	Biological Process Design for Wastewater Treatment (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
51	CHEMICAL,EEE	19CH603	NPTEL (IIT Guwahati)	Biomass Conversion and Biorefinery (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
52	BME, MED ELEC	19BM631	NPTEL	Biomechanics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
53	BME, MED ELEC	19BM611	NPTEL	Biophotonics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
54	SCoFT	19AI111	COURSERA	Bitcoin and Cryptocurrency Technologies (Coursera)	7 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
55	SCoFT	19AI085	COURSERA	Block Chain Scalability and its Foundation in Distributed Systems (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
56	ECE, SCoFT	19EC628	NPTEL	Blockchain and its Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
57	ECE	19EC626	NPTEL	Business Analytics and Data Mining Modeling using R (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
58	BME, MED ELEC	19BM632	NPTEL	Business Development: From Start to Scale (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
59	EEE	19EE618	NPTEL	Business Law for Managers (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2

60	MECH	19ME613	NPTEL	Business Planning and Project Management (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
61	SCoFT	19AI011	NPTEL	C Programming and Assembly Language (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
62	ECE, SCoFT	19EC648	NPTEL	C-Based VLSI Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
63	Mechanical	19ME619	NPTEL (IIT Kanpur)	Carbon Accounting and Sustainable Designs in Product Lifecycle Management (NPTEL)	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
64	SCoFT	19AI155	(350-401 ENCOR)	CCIE Enterprise Infrastructure (CISCO)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
65	SCoFT	19AI152	CISCO(300 -610 DCID)	CCNP Data Center (CISCO)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
66	SCoFT	19AI156	350-701 SCOR)	CCNP Security (CISCO)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
67	SCoFT	19AI188	Coursera	CertNexus Certified Data Science Practitioner Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
68	SCoFT	19AI189	Coursera	CertNexus Certified Ethical Emerging Technologist Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
69	BME, MED ELEC	19BM633	NPTEL	Circuit Analysis for Analog Designers (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
70	SCoFT	19AI153	(200-901 DEVASC)	Cisco Certified DevNet Associate (CISCO)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
71	SCoFT	19AI154	CISCO (300-910 DEVOPS)	Cisco Certified DevNet Professional (CISCO)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
72	ECE, EIE, MED ELEC, EEE, SCoFT, BME	19EC627	NPTEL	Cloud Computing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
73	SCoFT,ECE	19AI013	NPTEL	Cloud Computing and Distributed Systems (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
74	SCoFT	19AI014	NPTEL	Compiler Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
75	SCoFT	19AI015	NPTEL	Computational Complexity (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
76	ECE, SCoFT	19EC632	NPTEL	Computational Geometry (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
77	SCoFT	19AI084	COURSERA	Computational Neuroscience (Coursera)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
78	SCoFT	19AI016	NPTEL	Computational Number Theory and Algebra (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
79	BME, MED ELEC	19BM634	NPTEL	Computational Systems Biology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
80	CHEMICAL	19CH604	NPTEL (IIT Guwahati)	Computer Aided Applied Single Objective Optimization (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
81	SCoFT	19AI103	COURSERA	Computer Architecture (Coursera)	11 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
82	SCoFT	19AI017	NPTEL	Computer Architecture (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
83	SCoFT	19AI018	NPTEL	Computer Architecture and Organization (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
84	SCoFT	19AI019	NPTEL	Computer Graphics (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
85	ECE, SCoFT	19EC619	NPTEL	Computer Networks and Internet Protocol (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
86	SCoFT	19AI082	COURSERA	Computer Science Algorithm Theory and Machines (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
87	SCoFT	19AI020	NPTEL	Computer Vision (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
88	BME, MED ELEC	19BM635	NPTEL	Computer Vision And Image Processing - Fundamentals And Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
89	SCoFT	19AI076	COURSERA	Computer Vision with Embedded Machine Learning (Coursera)	7 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
90	CIVIL	19CE617	NPTEL	Construction Methods and Equipment Management (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2

91	SCoFT	19AI110	COURSERA	Creative Programming for Digital Media and Mobile Apps (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
92	MECH	19ME615	NPTEL	Cryogenic Hydrogen Technology (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
93	SCoFT	19AI086	COURSERA	Cryptography (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
94	ECE, SCoFT	19EC612	NPTEL	Cryptography and Network Security (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
95	SCoFT	19AI109	COURSERA	Cyber Security for Everyone (Coursera)	6 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
96	SCoFT	19AI079	COURSERA	Cyber Security in Healthcare and Hospitals (Coursera)	5 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
97	CHEMICAL	19CH615	NPTEL	Dairy and Food Process and Products Technology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
98	BME, MED ELEC	19BM636	NPTEL	Data Analysis and Decision Making - I (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
99	BME, MED ELEC	19BM637	NPTEL	Data Analysis for Biologists (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
100	SCoFT	19AI090	COURSERA	Data Analytics for Lean Six Sigma (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
101	ECE, EEE, EIE, SCoFT, BME, MED ELEC	19EC616	NPTEL	Data Analytics with Python (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
102	SCoFT	19AI022	NPTEL	Data Mining (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
103	SCoFT	19AI093	COURSERA	Data Processing using Python (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
104	SCoFT	19AI260	Coursera	Data Science	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
105	SCoFT	19AI081	COURSERA	Data Science Ethics (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
106	SCoFT, BME, MED ELEC	19CS604	NPTEL (IITM)	Data Science for Engineers (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
107	SCoFT	19AI113	COURSERA	Data Science in Stratified Healthcare and Precision Medicine (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
108	SCoFT	19AI023	NPTEL	Data Structure and Algorithms using Java (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
109	SCoFT	19AI105	COURSERA	Data Structures (Coursera)	6 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
110	SCoFT	19AI021	NPTEL	Database Management System (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
111	EEE	19EE622	NPTEL	Decision Making with Spreadsheet (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
112	ECE, SCoFT, BME, MED ELEC	19EC622	NPTEL	Deep Learning (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
113	SCoFT	19AI108	COURSERA	Deep Learning Applications for Computer Vision (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
114	SCoFT	19AI025	NPTEL	Deep Learning for Computer Vision (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
115	SCoFT	19AI121	COURSERA	DeepLearning.AI Natural Language Processing Specialization (Coursera)	16 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
116	SCoFT	19AI122	COURSERA	DeepLearning.AI TensorFlow Developer (Coursera)	16 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
117	SCoFT	19AI026	NPTEL	Demystifying Networking (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
118	BME, MED ELEC	19BM638	NPTEL	Demystifying the Brain (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
119	SCoFT	19AI028	NPTEL	Design and Analysis of Algorithms (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
120	ECE	19EC637	NPTEL	Design and Analysis of VLSI Subsystems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
121	SCoFT	19AI029	NPTEL	Design and Engineering of Computer Systems (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2

122	SCoFT	19AI027	NPTEL	Design and Implementation of Human-Computer Interfaces (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
123	SCoFT	19AI096	COURSERA	Design Computing: 3D Modeling in Rhinoceros with Python/Rhinoscript (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
124	MECH	19ME606	NPTEL(IITB)	Design of Mechatronic Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
125	BME, MED ELEC	19BM639	NPTEL	Design Practices for Intelligent Product Design (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
126	SCoFT, BME, MED ELEC	19AI030	NPTEL	Design, Technology and Innovation (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
127	SCoFT	19AI162	Microsoft (Exam AZ-400)	Designing and Implementing Microsoft DevOps Solutions (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
128	SCoFT	19CS612	COURSERA	Developing Android Apps with App Inventor (Coursera)		CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
129	SCoFT	19AI031	NPTEL	Developing Soft Skills and Personality (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
130	ECE	19EC608	NPTEL	Digital IC Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
131	EEE	19EE607	NPTEL	Digital Image Processing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
132	SCoFT	19AI071	NPTEL	Discrete Mathematics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
133	SCoFT	19AI032	NPTEL	Distributed Systems (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
134	BME, MED ELEC, CHEMICAL	19BM610	NPTEL	Drug Delivery: Principles and Engineering (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
135	EEE, BME, MED ELEC	19EE624	NPTEL	E-Business (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
136	EEE, ECE	19EE614	NPTEL	Economic Growth and Development (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
137	BME, MED ELEC	19BM640	NPTEL	Economics of Health and Health Care (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
138	EEE	19EE610	NPTEL	Electrochemical Energy Storage (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
139	CHEMICAL	19CH622	NPTEL	Electrochemical Technology in Pollution Control (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
140	EEE, MECH	19EE620	NPTEL	Electronic Packaging and Manufacturing (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
141	BME, MED ELEC	19BM641	NPTEL	Electronic Waste Management - Issues and Challenges (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
142	BME, MED ELEC	19BM642	NPTEL	Embedded Sensing, Actuation and Interfacing Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
143	SCoFT, BME, MED ELEC	19AI033	NPTEL	Embedded System Design with ARM (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
144	SCoFT	19AI034	NPTEL	Embedded Systems Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
145	BME, MED ELEC	19BM643	NPTEL	EMI /EMC and Signal Integrity: Principles, Techniques and Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
146	MECH	19ME607	NPTEL(IITKGP)	Energy Conservation and Waste Heat Recovery (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
147	CHEMICAL	19CH623	NPTEL	Energy Conversion Technologies (Biomass and Coal) (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
148	EEE	19EE623	NPTEL	Energy Resources, Economics, and Sustainability (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
149	BME	19BM608	NPTEL	Engineering Mechanics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
150	EEE,ECE	19EE609	NPTEL	Entrepreneurship (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
151	ECE	19EC652	NPTEL	Entrepreneurship and IP Strategy (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
152	BME, MED ELEC	19BM644	NPTEL	Entrepreneurship Essentials (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

153	ECE	19EC641	NPTEL	Environmental Impact Assessment (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
154	CHEMICAL	19CH610	NPTEL	Environmental Quality Monitoring and Analysis (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
155	SCoFT	19AI035	NPTEL	Essential Mathematics for Machine Learning (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
156	BME, MED ELEC	19BM645	NPTEL	Essentials of Sports Injury Prevention & Rehabilitation (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
157	ECE,SCoFT	19IT603	NPTEL(IIT Kharagpur)	Ethical Hacking (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
158	ECE, BME, MED ELEC	19EC653	NPTEL	Ethics in Engineering Practice (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
159	SCoFT	19AI112	COURSERA	Executive Data Science Specialization (Coursera)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
160	BME, MED ELEC	19BM646	NPTEL	Exercise and Sports Biomechanics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
161	EEE	19EE608	NPTEL	Fiber Optic Communication Technology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
162	BME, MED ELEC	19BM613	NPTEL	Fluid Mechanics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
163	CHEMICAL	19CH616	NPTEL	Food Preservation Technology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
164	ECE	19EC656	NPTEL	Forests and their Management (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
165	BME, MED ELEC	19BM647	NPTEL	Foundation Certificate in Palliative Care (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
166	EEE	19EE619	NPTEL	Foundation Course in Managerial Economics (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
167	ECE	19EC654	NPTEL	Foundation of Cloud IoT Edge ML (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
168	BME, MED ELEC	19BM648	NPTEL	Foundations of Cryptography (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
169	ECE, SCoFT	19EC620	NPTEL	Foundations of Cryptography (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
170	BME, MED ELEC	19BM649	NPTEL	Foundations of quantum theory: Relativistic approach (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
171	SCoFT	19AI190	Coursera	Fractal Data Science Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
172	SCoFT	19AI036	NPTEL	Fundamental Algorithms: Design and Analysis (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
173	ECE	19EC639	NPTEL	Fundamental of Power Electronics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
174	MECH	19ME604	NPTEL(IITG)	Fundamentals of Additive Manufacturing Technologies (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
175	BME, MED ELEC, MECH	19BM614	NPTEL	Fundamentals of Artificial Intelligence (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
176	SCoFT	19AI115	COURSERA	Fundamentals of CNNs and RNNs (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
177	SCoFT	19AI104	COURSERA	Fundamentals of Graphic Design (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
178	ECE, BME, MED ELEC	19EC629	NPTEL	Fuzzy Sets, Logic and Systems and Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
179	SCoFT	19AI037	NPTEL	Getting Started with Competitive Programming (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
180	Civil	19CE602	NPTEL	Glass in Buildings: Design and Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
181	SCoFT	19AI191	Coursera	Google Advanced Data Analytics Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
182	SCoFT	19AI192	Coursera	Google Business Intelligence Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
183	SCoFT	19AI181	Google	Google Cloud Career Readiness Associate Cloud Engineer Track	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

184	SCoFT	19AI193	Coursera	Google Cloud Cybersecurity Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
185	SCoFT	19AI194	Coursera	Google Cloud Data Analytics Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
186	SCoFT	19AI195	Coursera	Google Cloud Digital Leader Training Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
187	SCoFT	19AI183	Coursera	Google Cybersecurity Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
188	SCoFT	19AI118	COURSERA	Google Data Analytics (Coursera)	24 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
189	SCoFT	19AI197	Coursera	Google Digital Marketing & E-commerce Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
190	SCoFT	19AI198	Coursera	Google IT Automation with Python Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
191	SCoFT	19AI119	COURSERA	Google IT Support (Coursera)	24 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
192	SCoFT	19AI146	Google	Google Professional Cloud Architect (Google)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
193	SCoFT	19AI147	Google	Google Professional Cloud Database Engineer (Google)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
194	SCoFT	19AI149	Google	Google Professional Cloud DevOps Engineer (Google)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
195	SCoFT	19AI151	Google	Google Professional Cloud Security Engineer (Google)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
196	SCoFT	19AI148	Google	Google Professional Data Engineer (Google)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
197	SCoFT	19AI150	Google	Google Professional Machine Learning Engineer (Google)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
198	SCoFT	19AI199	Coursera	Google Professional Workspace Administrator Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
199	SCoFT	19AI200	Coursera	Google Project Management: Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
200	SCoFT	19AI201	Coursera	Google UX Design Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
201	ECE, SCoFT	19EC630	NPTEL	GPU Architectures and Programming (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
202	Civil	19CE601	NPTEL	Ground Improvement (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
203	SCoFT	19AI114	COURSERA	Hadoop Platform and Application Framework (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
204	ECE, SCoFT	19EC649	NPTEL	Hardware Modeling Using Verilog (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
205	ECE, SCoFT	19EC634	NPTEL	Hardware Security (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
206	BME, MED ELEC	19BM650	NPTEL	Health Research Fundamentals (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
207	SCoFT	19AI202	Coursera	HRCI Human Resource Associate Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
208	SCoFT	19AI092	COURSERA	HTML, CSS, and Javascript for Web Developers (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
209	BME, MED ELEC	19BM651	NPTEL	Human Movement Science (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
210	BME, MED ELEC	19BM652	NPTEL	Human Physiology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
211	ECE, BME, MED ELEC	19EC651	NPTEL	Human Resource Development (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
212	CHEMICAL	19CH613	NPTEL	Hydrogen Energy: Production, Storage, Transportation and Safety (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
213	SCoFT	19AI203	Coursera	IBM AI Developer Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
214	SCoFT	19AI204	Coursera	IBM AI Engineering Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2

215	SCoFT	19AI205	Coursera	IBM and ISC2 Cybersecurity Specialist Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
216	SCoFT	19AI206	Coursera	IBM Applied DevOps Engineering Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
217	SCoFT	19AI207	Coursera	IBM Back-End Development Professional Certificate	12 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
218	SCoFT	19AI208	Coursera	IBM Back-End JavaScript Developer Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
219	SCoFT	19AI209	Coursera	IBM Business Intelligence (BI) Analyst Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
220	SCoFT	19AI210	Coursera	IBM Cybersecurity Analyst Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
221	SCoFT	19AI120	COURSERA	IBM Data Analysis and Visualization Foundations Specialization (Coursera)	16 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
222	SCoFT	19AI117	COURSERA	IBM Data Analyst (Coursera)	16 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
223	SCoFT	19AI211	Coursera	IBM Data Analytics with Excel and R Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
224	SCoFT	19AI212	Coursera	IBM Data Engineering Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
225	SCoFT	19AI123	COURSERA	IBM Data Science Fundamentals with Python and SQL Specialization (Coursera)	28 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
226	SCoFT	19AI182	Coursera	IBM Data Science Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
227	SCoFT	19AI214	Coursera	IBM Data Warehouse Engineer Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
228	SCoFT	19AI126	COURSERA	IBM DevOps and Software Engineering (Coursera)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
229	SCoFT	19AI215	Coursera	IBM Front-End Developer Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
230	SCoFT	19AI216	Coursera	IBM Full Stack Software Developer Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
231	SCoFT	19AI217	Coursera	IBM Full-Stack JavaScript Developer Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
232	SCoFT	19AI218	Coursera	IBM IT Project Manager Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
233	SCoFT	19AI219	Coursera	IBM IT Support Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
234	SCoFT	19AI220	Coursera	IBM Machine Learning Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
235	SCoFT	19AI221	Coursera	IBM Product Manager Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
236	SCoFT	19AI222	Coursera	IBM Project Manager Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
237	SCoFT	19AI223	Coursera	IBM z/OS Mainframe Practitioner Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
238	EIE,EEE	19EI604	NPTEL	Industrial Automation and Control (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
239	SCoFT	19AI039	NPTEL	Information Security - 5 - Secure Systems Engineering (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
240	SCoFT	19AI087	COURSERA	Information System Auditing, Controls and Assurance (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
241	SCoFT, BME, MED ELEC, MECH	19AI040	NPTEL	Innovation by Design (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
242	CIVIL	19CE608	NPTEL	Integrated Waste Management for a Smart City (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
243	ECE, BME, MED ELEC	19EC643	NPTEL	Intellectual Property (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
244	SCoFT	19AI077	COURSERA	Interactive Computer Graphics (Coursera)	7 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
245	SCoFT	19AI100	COURSERA	Interactivity with JavaScript (Coursera)	4 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1

246	SCoFT	19AI083	COURSERA	Introduction and Programming with IoT Boards (Coursera)	5 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
247	SCoFT	19AI070	NPTEL	Introduction to Automata Languages and Computation (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
248	MED ELEC	19MD603	NPTEL (IIT Madras)	Introduction to Biomedical Imaging Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
249	BME, MED ELEC	19BM653	NPTEL	Introduction to Brain and Behaviour (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
250	BME, MED ELEC	19BM654	NPTEL	Introduction to Complex Biological Systems (NPTEL)	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
251	SCoFT	19AI041	NPTEL	Introduction to Computer and Network Performance Analysis using Queuing Systems (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
252	SCoFT	19AI097	COURSERA	Introduction to Data Science in Python (Coursera)	4 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
253	SCoFT	19AI107	COURSERA	Introduction to Deep Learning (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
254	SCoFT	19AI073	COURSERA	Introduction to Embedded Machine Learning (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
255	BME, MED ELEC	19BM655	NPTEL	Introduction to Embedded System Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
256	SCoFT	19AI042	NPTEL	Introduction to Game Theory and Mechanism Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
257	BME, MED ELEC, ECE	19BM656	NPTEL	Introduction to Graphic Design (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
258	SCoFT	19AI043	NPTEL	Introduction to Haskell Programming (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
259	EIE, ECE,SCoFT	19EI603	NPTEL (IIT Kharagpur)	Introduction to Industry 4.0 and Industrial Internet of Things (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
261	ECE, EIE, BME, MED ELEC, EEE,ScoFT	19EC621	NPTEL	Introduction to Internet of Things (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
262	ECE, BME, MED ELEC, EEE, EIE,SCoFT	19EC611	NPTEL	Introduction to Machine Learning (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
263	SCoFT	19AI046	NPTEL (IITKGP)	Introduction to Machine Learning (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
264	BME, MED ELEC	19BM658	NPTEL	Introduction to Machine Learning (Tamil) (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
265	CIVIL	19CE605	NPTEL	Introduction to Multimodal Urban Transportation Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
266	SCoFT	19AI047	NPTEL	Introduction to Parallel Programming with OpenMP and MPI (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
267	BME, MED ELEC	19BM612	NPTEL	Introduction to Photonics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
268	BME, MED ELEC	19BM659	NPTEL	Introduction to Professional Scientific Communication (NPTEL)	4 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
269	EEE	19EE611	NPTEL	Introduction to Programming in C (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
270	SCoFT	19AI098	COURSERA	Introduction to Programming with MATLAB (Coursera)	9 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
271	EEE	19EE615	NPTEL	Introduction to Psychology (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
272	SCoFT	19AI048	NPTEL	Introduction to Quantum Computing: Quantum Algorithms and Qiskit (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
273	ECE, SCoFT	19EC625	NPTEL	Introduction to Robotics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
274	SCoFT, BME, MED ELEC	19AI049	NPTEL	Introduction to Soft Computing (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
275	BME, MED ELEC	19BM660	NPTEL	Introduction to Statistics (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
276	SCoFT	19AI078	COURSERA	Introduction to Statistics (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
277	SCoFT	19AI116	COURSERA	Introduction to Web Development with HTML, CSS, JavaScript (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1

278	BME, MED ELEC	19BM661	NPTEL	IP Management and Technology Transfer (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
279	SCoFT	19AI133	Oracle(1Z0-900)	Java EE 7 Application Developer (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
280	SCoFT	19AI262	Coursera	Java Full Stack	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
281	SCoFT	19AI134	Oracle(1Z0-829)	Java SE 17 Developer (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
282	SCoFT	19AI136	Oracle (1Z0-808)	Java SE 8 Programmer I (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
283	SCoFT	19AI135	Oracle(1Z0-809)	Java SE 8 Programmer II (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
284	SCoFT	19AI101	COURSERA	JavaScript, jQuery, and JSON (Coursera)	4 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
285	ECE, MED ELEC, EEE, BME	19EC647	NPTEL	Leadership and Team Effectiveness (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
286	SCoFT	19CS605	COURSERA	Machine Learning (Coursera)	60 Hours	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
287	SCoFT	19AI050	NPTEL	Machine Learning for Earth System Sciences (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
288	BME, MED ELEC	19BM662	NPTEL	Machine Learning for Engineering and Science Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
289	SCoFT, BME, MED ELEC	19AI051	NPTEL	Machine Learning, ML (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
290	SCoFT	19AI080	COURSERA	Machine Translation (Coursera)	7 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
291	BME, MED ELEC	19BM663	NPTEL	Management of Medical Emergencies in Dental Practice (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
292	EEE	19EE616	NPTEL	Managing Change in Organizations (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
293	MECH	19ME614	NPTEL	Manufacturing Processes and Technology 1 and 2 (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
294	Mechanical	19ME624	NPTEL (IIT Kanpur)	Manufacturing Systems Technology I & II	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
295	CHEMICAL	19CH606	NPTEL (IIT Kharagpur)	Material and Energy Balance Computations (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
296	Mechanical	19ME623	NPTEL (IIT Guwahati)	Materials Processing (Casting, Forming and Welding)	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
297	BME	19BM609	NPTEL	Mathematical Aspects of Biomedical Electronic System Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
298	CHEMICAL	19CH614	NPTEL	Mathematical Modelling and Simulation of Chemical Engineering Process (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
299	MECH	19ME616	NPTEL	Mechanics of Sheet Metal Forming (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
300	BME, MED ELEC	19BM664	NPTEL	Medical Biomaterials (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
301	SCoFT, BME, MED ELEC	19AI052	NPTEL	Medical Image Analysis (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
302	SCoFT	19AI261	Coursera	MERN Full Stack	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
303	SCoFT	19AI224	Coursera	Meta Android Developer Professional Certificate	8 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
304	SCoFT	19AI225	Coursera	Meta AR Developer Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
305	SCoFT	19AI226	Coursera	Meta Back-End Developer Professional Certificate	8 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
306	SCoFT	19AI227	Coursera	Meta Data Analyst Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
307	SCoFT	19AI228	Coursera	Meta Database Engineer Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
308	SCoFT	19AI229	Coursera	Meta Front-End Developer Professional Certificate	7 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

309	SCoFT	19AI124	COURSERA	Meta iOS Developer (Coursera)	32 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
310	SCoFT	19AI230	Coursera	Meta Marketing Analytics Professional Certificate	7 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
311	SCoFT	19AI231	Coursera	Meta Social Media Marketing Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
312	BME, MED ELEC	19BM665	NPTEL	Metabolic Engineering (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
313	Mechanical	19ME621	NPTEL (IIT Kanpur)	Metal Additive Manufacturing (NPTEL)	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
314	BME, MED ELEC	19BM666	NPTEL	Microsensors, Implantable Devices and Rodent Surgeries for Biomedical Applications (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
315	SCoFT	19AI165	Microsoft (MS-900)	Microsoft 365 Certified: Fundamentals (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
316	SCoFT	19AI168	Microsoft (MS-500)	Microsoft 365 Certified: Security Administrator Associate (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
317	SCoFT	19AI180	Microsoft (AZ-104)	Microsoft Azure Administrator (Microsoft)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
318	SCoFT	19AI161	Microsoft (Exam AZ-900)	Microsoft Azure Fundamentals (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
319	SCoFT	19AI172	Microsoft (AZ-500)	Microsoft Azure Security Technologies (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
320	SCoFT	19AI232	Coursera	Microsoft Business Analyst Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
321	SCoFT	19AI170	Microsoft (AI-102)	Microsoft Certified: Azure AI Engineer Associate (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
322	SCoFT	19AI179	Microsoft (DP-420)	Microsoft Certified: Azure Cosmos DB Developer Specialty (Microsoft)	13 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
323	SCoFT	19AI178	Microsoft (DP-203)	Microsoft Certified: Azure Data Engineer Associate (Microsoft)	10 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
324	SCoFT	19AI177	Microsoft (DP-900)	Microsoft Certified: Azure Data Fundamentals (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
325	SCoFT	19AI175	Microsoft (DP-100)	Microsoft Certified: Azure Data Scientist Associate (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
326	SCoFT	19AI167	Microsoft (AZ-204)	Microsoft Certified: Azure Developer Associate (Microsoft)	10 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
327	SCoFT	19AI171	Microsoft (AZ-120)	Microsoft Certified: Azure for SAP Workloads Specialty (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
328	SCoFT	19AI176	Microsoft (MB-260)	Microsoft Certified: Customer Data Platform Specialty (Microsoft)	7 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
329	SCoFT	19AI169	Microsoft (MB-210)	Microsoft Certified: Dynamics 365 Sales Functional Consultant Associate (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
330	SCoFT	19AI166	Microsoft (PL-900)	Microsoft Certified: Power Platform Fundamentals (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
331	SCoFT	19AI233	Coursera	Microsoft Cloud Support Associate Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
332	SCoFT	19AI234	Coursera	Microsoft Cybersecurity Analyst Professional Certificate	6 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
333	SCoFT	19AI235	Coursera	Microsoft IT Support Specialist Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
334	SCoFT	19AI163	Microsoft (Exam PL-200)	Microsoft Power BI Data Analyst (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
335	SCoFT	19AI164	Microsoft (Exam SC-900)	Microsoft Power BI Data Analyst (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
336	SCoFT	19AI236	Coursera	Microsoft Power BI Data Analyst Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
337	SCoFT	19AI237	Coursera	Microsoft Project Management Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
338	SCoFT	19AI238	Coursera	Microsoft UX Design Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
339	SCoFT	19AI173	Microsoft (MO-101)	Microsoft Word Expert (Office 2019) (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1

340	SCoFT	19AI053	NPTEL	Model Checking (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
341	BME, MED ELEC	19BM667	NPTEL	Modern Computer Vision (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
342	ECE	19EC607	NPTEL	Modern Digital Communication Techniques (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
343	SCoFT	19AI054	NPTEL	Multi-Core Computer Architecture - Storage and Interconnects (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
344	ECE	19EC636	NPTEL	Multirate DSP (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
345	CIVIL	19CE604	NPTEL	Municipal Solid Waste Management (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
346	SCoFT	19AI139	909)	MySQL 8.0 Database Developer (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
347	SCoFT	19CS606	Edx (Stanford University)	Nano at Stanford (Edx (Stanford University))	10 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
348	BME, MED ELEC	19BM668	NPTEL	Nanobio Technology Enabled Point-of-Care Devices (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
349	BME, MED ELEC, SCoFT	19BM616	NPTEL	Natural Language Processing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
350	SCoFT	19AI099	COURSERA	Networking and Security Architecture with VMware NSX (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
351	BME, MED ELEC	19BM669	NPTEL	Neural Science for Engineers (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
352	SCoFT	19AI055	NPTEL	Object Oriented Analysis and Design (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
353	ECE, SCoFT	19EC638	NPTEL	Object Oriented System Development Using UML, Java and Patterns (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
354	BME, MED ELEC	19BM670	NPTEL	One Health (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
355	ECE, SCoFT	19EC631	NPTEL	Online Privacy (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
356	BME, MED ELEC	19BM671	NPTEL	Optical Fiber Sensors (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
357	BME, MED ELEC	19BM672	NPTEL	Optical Spectroscopy and Microscopy : Fundamentals of Optical Measurements and Instrumentation (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
358	CHEMICAL	19CH620	NPTEL	Optimization in Chemical Engineering (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
359	SCoFT	19AI140	Oracle (1Z0-1094-23)	Oracle Cloud Database Migration and Integration 2023 Professional (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
360	SCoFT	19AI137	(1Z0-1072-23)	Oracle Cloud Infrastructure 2023 Architect Associate (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
361	SCoFT	19AI138	Oracle (1Z0-997-23)	Oracle Cloud Infrastructure 2023 Architect Professional (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
362	SCoFT	19AI141	Oracle (1Z0-1109-23)	Oracle Cloud Infrastructure 2023 DevOps Professional (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
363	SCoFT	19AI142	(1Z0-1110-23)	Oracle Cloud Infrastructure Data Science 2023 Professional (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
364	SCoFT	19AI143	Oracle (1Z0-116)	Oracle Database Security Administration (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
365	SCoFT	19AI144	Oracle (1Z0-106)	Oracle Linux 8 Advanced System Administration (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
366	SCoFT	19AI145	Oracle (1Z0-1096-23)	Oracle Machine Learning using Autonomous Database 2023 Associate (Oracle)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
367	SCoFT	19AI239	Coursera	Palo Alto Networks Cybersecurity Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
368	SCoFT	19AI056	NPTEL	Parameterized Algorithms (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
369	BME, MED ELEC	19BM673	NPTEL	Patent Law for Engineers and Scientists (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
370	ECE	19EC646	NPTEL	Patent Law for Engineers and Scientists (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

371	BME, MED ELEC	19BM674	NPTEL	Philosophy and Critical Thinking (NPTEL)	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
372	BME, MED ELEC	19BM615	NPTEL	Physics of Biological System (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
373	CIVIL	19CE616	NPTEL	Plastic Waste Management (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
374	CHEMICAL	19CH602	NPTEL (IIT Roorkee)	Polymer Reaction Engineering (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
375	CHEMICAL	19CH607	NPTEL (IIT Madras)	Polymers: Concepts, Properties, Uses and Sustainability (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
376	SCoFT	19AI095	COURSERA	Practical Python for AI Coding 1 (Coursera)	7 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
377	SCoFT	19AI240	Coursera	Preparing for Google Cloud Certification: Cloud Architect Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
378	SCoFT	19AI241	Coursera	Preparing for Google Cloud Certification: Cloud Data Engineer Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
379	SCoFT	19AI242	Coursera	Preparing for Google Cloud Certification: Cloud Developer Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
380	SCoFT	19AI243	Coursera	Preparing for Google Cloud Certification: Cloud DevOps Engineer Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
381	SCoFT	19AI244	Coursera	Preparing for Google Cloud Certification: Cloud Engineer Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
382	SCoFT	19AI245	Coursera	Preparing for Google Cloud Certification: Cloud Network Engineer Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
383	SCoFT	19AI246	Coursera	Preparing for Google Cloud Certification: Cloud Security Engineer Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
384	SCoFT	19AI247	Coursera	Preparing for Google Cloud Certification: Machine Learning Engineer Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
385	CIVIL	19CE614	NPTEL	Principles of Construction Management (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
386	MECH	19ME608	NPTEL	Principles of Industrial Engineering (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
387	ECE	19EC644	NPTEL	Privacy and Security in Online Social Media (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
388	BME, MED ELEC	19BM675	NPTEL	Problem Solving through Programming in C (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
389	SCoFT	19AI075	COURSERA	Process Mining: Data Science in Action (Coursera)	6 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
390	MECH	19ME609	NPTEL	Product Design and Manufacturing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
391	SCoFT	19AI102	COURSERA	Programming Foundations with JavaScript, HTML and CSS (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
392	ECE, EEE, SCoFT, BME, MED ELEC	19EC610	NPTEL	Programming in Java (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
393	ECE, SCoFT	19EC633	NPTEL	Programming in Modern C++ (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
394	CIVIL	19CE613	NPTEL	Project Planning and Control (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
395	ECE, BME, MED ELEC	19EC645	NPTEL	Psychology of Stress, Health and Well-being (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
396	SCoFT	19AI091	COURSERA	Python and Statistics for Financial Analysis (Coursera)	4 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
397	SCoFT	19AI106	COURSERA	Python Data Structures (Coursera)	7 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
398	SCoFT, BME, MED ELEC	19AI057	NPTEL	Python for Data Science (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
399	BME, MED ELEC	19BM676	NPTEL	Quantum Transport (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
400	Mechanical	19ME618	NPTEL (IIT Kanpur)	Rapid Manufacturing	12 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
401	SCoFT	19AI058	NPTEL	Real-Time Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

402	SCoFT	19AI128	Academy (EX280)	Red Hat Certified OpenShift Administrator (Redhat Academy)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
403	SCoFT	19AI127	Academy (EX210)	Red Hat Certified Specialist in Cloud Infrastructure (Redhat Academy)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
404	SCoFT	19AI131	Academy (EX188)	Red Hat Certified Specialist in Containers (Redhat Academy)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
405	SCoFT	19AI129	Academy (EX415)	Red Hat Certified Specialist in Security: Linux (Redhat Academy)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
406	SCoFT	19AI132	Academy(EX318)	Red Hat Certified Specialist in Virtualization (Redhat Academy)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
407	SCoFT	19AI130	Academy (EX200)	Red Hat Certified System Administrator (Redhat Academy)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
408	SCoFT, ECE	19CS607	NPTEL	Reinforcement Learning (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
409	CIVIL	19CE615	NPTEL	Remote Sensing and GIS (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
410	SCoFT	19AI088	COURSERA	Research Data Management and Sharing (Coursera)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
411	ECE	19EC650	NPTEL	Research Methodology (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
412	EEE, BME, MED ELEC	19EE621	NPTEL	Roadmap for Patent Creation (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
413	CIVIL	19CE603	NPTEL	Rural Water Resources Management (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
414	SCoFT	19AI248	Coursera	Salesforce Sales Development Representative Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
415	SCoFT	19AI249	Coursera	Salesforce Sales Operations Professional Certificate	3 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
416	SCoFT	19AI250	Coursera	SAP Technology Consultant Professional Certificate	7 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
417	SCoFT	19AI251	Coursera	SAS Advanced Programmer Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
418	SCoFT	19AI252	Coursera	SAS Programmer Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
419	SCoFT	19AI253	Coursera	SAS Statistical Business Analyst Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
420	SCoFT	19AI254	Coursera	SAS Visual Business Analytics Professional Certificate	1 Month	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
421	SCoFT	19AI059	NPTEL	Scalable Data Science (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
422	BME, MED ELEC	19BM677	NPTEL	Science Communication: Research Productivity and Data Analytics using Open Source Software (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
423	BME, MED ELEC	19BM678	NPTEL	Scientific Computing using Matlab (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
424	SCoFT	19AI125	COURSERA	Scrum Master Certification Specialization (Coursera)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
425	SCoFT	19AI060	NPTEL	Secure Computation: Part II (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
426	ECE	19EC624	NPTEL	Sensors and Actuators (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
427	SCoFT	19AI061	NPTEL	Social Network Analysis (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
428	SCoFT	19IT602	NPTEL(IIT Ropar)	Social Networks (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
429	CHEMICAL	19CH621	NPTEL	Soft Nano Technology (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
430	SCoFT	19AI089	COURSERA	Software Architecture for IoT (Coursera)	5 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
431	SCoFT	19AI062	NPTEL	Software Conceptual Design (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
432	SCoFT	19AI063	NPTEL	Software Engineering (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

433	SCoFT	19AI064	NPTEL	Software Project Management (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
434	SCoFT	19AI065	NPTEL	Software Testing (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
435	CHEMICAL, BME, MED ELEC	19CH609	NPTEL	Soil and Water Conservation Engineering (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
436	EEE, MECH	19EE612	NPTEL	Solar Photovoltaics: Principles, Technologies and Materials (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
437	SCoFT	19AI066	NPTEL	Spatial Informatics (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
438	EEE	19EE613	NPTEL	Speaking Effectively (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
439	ECE	19EC635	NPTEL	Spread Spectrum Communications and Jamming (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
440	SCoFT	19CS613	Edx (Stanford University)	Statistical Learning (Edx)	9 Weeks	CGPA	Experiential Learning (Internal Only)	2	2
441	EIE	19EI605	NPTEL	Statistical Learning of Reliability Analysis (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
442	ECE	19EC642	NPTEL	Strategies for Sustainable Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
443	BME, MED ELEC	19BM618	NPTEL	Structural Biology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
444	CHEMICAL	19CH624	NPTEL	Sustainable Power Generation Systems (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
445	Civil	19CE618	NPTEL	Sustainable Transportation Systems	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
446	SCoFT	19AI255	Coursera	Tableau Business Intelligence Analyst Professional Certificate	8 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
447	CHEMICAL	19CH618	NPTEL	Technologies for Clean and Renewable Energy Production (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
448	ECE, BME, MED ELEC	19EC623	NPTEL	The Joy of Computing using Python (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
449	BME, MED ELEC	19BM679	NPTEL	The Science of Happiness and Wellbeing (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
450	SCoFT	19AI067	NPTEL	Theory of Computation (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
451	MECH	19ME603	NPTEL (IITG)	Thermal Processing of Foods (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
452	MECH	19ME611	NPTEL	Traditional and Non-Traditional Optimization Tools (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
453	BME, MED ELEC	19BM680	NPTEL	Transducers for Instrumentation (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
454	SCoFT	19AI174	Microsoft (MS-220)	Troubleshooting Microsoft Exchange Online (Microsoft)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	1	1
455	SCoFT	19AI256	Coursera	UCI Project Management Professional Certificate	5 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
456	BME, MED ELEC	19BM681	NPTEL	Understanding Ethnography (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
457	MECH, ECE. MED ELEC, SCoFT, BME	19ME610	NPTEL	Understanding Incubation and Entrepreneurship (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
458	SCoFT	19AI257	Coursera	Unilever Digital Marketing Analyst Professional Certificate	2 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
459	SCoFT	19AI258	Coursera	Unilever Supply Chain Data Analyst Professional Certificate	4 Months	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
460	CHEMICAL	19CH605	NPTEL (IIT Kharagpur)	Upstream LNG Technology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
461	CIVIL	19CE612	NPTEL	Urban Transportation Systems Planning (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
462	SCoFT	19AI068	NPTEL	User-Centric Computing for Human-Computer Interaction (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
463	SCoFT	19AI069	NPTEL	VLSI Physical Design (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3

464	CHEMICAL, EEE	19CH617	NPTEL	Waste to Energy Conversion (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
465	CIVIL	19CE606	NPTEL	Waste Water Treatment and Recycling (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	3
466	CIVIL	19CE609	NPTEL	Water and Waste Water Treatment (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
467	Mech	19ME617	NPTEL	Welding Application Technology (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
468	BME, MED ELEC	19BM682	NPTEL	Yoga and Positive Psychology for Managing Career and Life (NPTEL)	8 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
470	BME, MED ELEC	19BM683	NPTEL (IIT Kharagpur)	Nanobiophotonics: Touching Our Daily Life (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	3
471	SCOFT	19CS614	NPTEL	Google Cloud Computing Foundations (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	3
472	Mech	19ME626	NPTEL	Laser Based Manufacturing (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
473	Mech	19ME627	NPTEL	Food Packing Technology (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
474	CHEMICAL	19CH625	NPTEL	Renewable Energy Engineering: Solar, Wind and Biomass Energy System (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	3
475	CHEMICAL	19CH626	NPTEL	Sustainable Energy Technology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	3
476	CHEMICAL	19CH627	NPTEL	Immunology (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	3
479	Mech	19ME628	NPTEL	Design Practice (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	2
480	Mech	19ME629	NPTEL	Principles of Casting Technology (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	2
481	Mech	19ME630	NPTEL	Manufacturing Guidelines for Product Design (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	2
482	Mech	19ME631	NPTEL	Ergonomics Workplace Analysis (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	1
483	Mech	19ME632	NPTEL	Product Design using Value Engineering (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	1
484	Mech	19ME633	NPTEL	Selection of Nanomaterials for Energy Harvesting and Storage Application (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	1
485	Mech	19ME634	NPTEL	Manufacturing Processes - Casting and Joining (NPTEL)	4 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	-	1
486	Chemical	19CH630	NPTEL	Thermal Processing of Foods (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
487	ECE	19EC655	NPTEL	Artificial Intelligence, Law and Justice (NPTEL)	8 weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	2	2
488	CHEMICAL	19CH631	NPTEL	Polymer Process Engineering (NPTEL)	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3
489	ECE	19EC657	NPTEL	Neural Networks for Computer Vision and Natural Language Processing	12 Weeks	CGPA	Experiential Learning (Int and Grade from Certificate)	3	3