

**List of January 2024 Semester Courses approved by SWAYAM Board**

<b>Higher Education Courses for January 2024 Semester</b>		
<b>S.N.</b>	<b>NC Name</b>	<b>No. of Courses Approved by SWAYAM Board for January 2024 Semester</b>
1	CEC (PG + UG Non Engineering)	153
2	NPTEL (UG & PG Engineering)	720
3	IGNOU (Certificate & Diploma Courses)	191
4	IIM B (Management)	57
5	UGC	4
6	AICTE (Foreign Universities) + ARPIT	18
7	NITTTR (Teacher Training)	40
	<b>Total</b>	<b>1183</b>

**List of January 2024 Semester Course – CEC**

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	Level of the Course	No of Credits
1	B.Sc. (Honors) Mathematics	Real Analysis	Prof. Surajit Borkotokey	Dibrugarh University	UG	5
2	B.Sc. Computer Science	Programming in Python	Dr. Rizwan Rehman	Dibrugarh University	UG	4
3	B Com/M Com/MBA	Direct Tax Laws and Practice	Subhrangshu Sekhar	Tezpur University	PG	4
4	Common Paper	English Communication	Dr. Kshema Jose	EFLU Hyderabad	UG	2
5	BA English	Shakespeare to Milton: A Study of British	Dr. Jai Singh	EFLU Hyderabad	UG	5
6	B.Sc. Home Science	Diet Management in Health and disease	Dr Vipparti Vijaya Lakshmi	EFLU Hyderabad	UG	3
7	LL.B.	Intellectual Property Rights and Competition Law	Prof. (Dr.) G. B. Reddy	EFLU Hyderabad	UG	3
8	B.Sc Home science	Apparel Designing	Dr. A. Sarada Devi	EFLU Hyderabad	UG	4
9	BA German	Proficiency Course in German	Dr Nishant K Narayanan	EFLU Hyderabad	UG	5
10	B.Sc Home science	Child Development	Mrs V Kavitha Kiran	EFLU Hyderabad	UG	3
11	BA Psychology	Applied Fields of Psychology	Dr. P. Swathi	EFLU Hyderabad	UG	5
12	BA English	Indian Writing in English-1	Dr.V.Rajunayak	EFLU Hyderabad	UG	4
13	BA Psychology	Basic Psychological Processes	Dr NDS NAGA SEEMA	EFLU Hyderabad	UG	4
14	Multidisciplinary	ANIMATIONS	Dr. Abhishek Kumar & Dr.	Banaras Hindu University,	PG	4
15	MA Psychology	Counseling Psychology	Dr Mamta Sharma	Punjabi University, Patiala	PG	4
16	Multidisciplinary	Food Microbiology and Food Safety	Dr Tejpal Dhewa	Central University of Haryana,	PG	4

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17	BA Hindi	Hindi Sahitya ka Itihaas	Prof Subhash Chander	Kurukshetra University,	UG	4
18	MA Public Administration	Introduction to Public Administration	Prof Ajmer Singh Malik	Chaudhary Devi Lal University,	PG	4
19	MA Performing Arts (Theatre)	Performing Arts & Allied Subjects	Prof.(Dr.) Yogesh Gambhir	Punjabi University, Patiala	PG	3
20	MA Fine Arts	Creative Painting	Dr. Alka Chaddha	Dayalbagh Educational	PG	4
21	MBA/M.Com	Organisation Behaviour	Prof.(Dr.) Vishal Kumar	Panjab University, Chandigarh	PG	4
22	MSc Biotechnology	Biostatistics and Mathematical Biology	Prof. Felix Bast	Central University of Punjab, Bathinda	PG	4
23	MBA/M.Com	Digital Marketing	Dr Tejinderpal Singh	Panjab University, Chandigarh	PG	4
24	MSc Environmental Sciences	Solid and Hazardous Waste Management	Prof. Vinod Kumar Garg	Central University of Punjab, Bathinda	PG	4
25	Common Paper	Research Methodology	Prof.G.S.Bajpai	National Law University, Delhi	PG	4
26	BA (Honors) Economics	Mathematical Methods for Economics-I	Prof. Anupama	Punjabi University, Patiala	UG	5
27	B.Sc. Biotechnology	General Microbiology	Dr. Ishwori Laitonjam	Manipur University	UG	4
28	BA Political Science	Human, Rights Law and Criminal Justice	Dr. N. Pramod Singh	Manipur University	UG	4
29	B.Sc. Biotechnology	Cell Biology	Dr. K. Sanatombi	Manipur University	UG	4
30	BSc. Agriculture	Diseases of Horticultural Crops and their Management	Dr. Bireswar Sinha	Manipur University	UG	3
31	BA Physical Education	Sports Administration and Management	Dr. M. Chourjit	Manipur University	UG	3
32	B.Sc. Biochemistry	Nutritional & Clinical Biochemistry	Dr. Senjam Sunil Singh	Manipur University	UG	4
33	B.Com	Introduction to Marketing Management - 1	Dr. Nambram Amulkumar	Manipur University	UG	3
34	B.Sc. Biotechnology	Immunology	Dr. Reena Haobam	Manipur University	UG	4
35	BA (Honors) Psychology	Statistical Methods for Psychological Research	Dr. Jitendra Kumar Kushwaha	Manipur University	UG	5

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36	BA (Honors) Psychology	Youth, Gender and Identity	Dr. Naziya Hasan	Manipur University	UG	4
37	BA (Honors) History	History of India-I( Ancient India )	Dr. Bhabananda Singh	Manipur University	UG	5
38	BA (Honors) History	Social Formations and Cultural Patterns of the Medieval World	Dr. Shilleima Chanu Naoroibam	Manipur University	UG	5
39	BA (Honors) Political Science	United Nations and Global Conflicts	Dr. Arambam Noni Meetei	Manipur University	UG	5
40	Management	Retail and Channel Management	Dr. Yamini Karmarkar and	Devi Ahilya Vishwavidyalaya,	UG	4
41	Generic Elective	Basics of Photography	Dr. Narayan Patidar	Devi Ahilya Vishwavidyalaya,	UG	3
42	Cyber Security/Inform	Information Security and Cyber Forensics	Prof. Pratosh Bansal	Devi Ahilya Vishwavidyalaya,	UG	4
43	B.Com. (Honours)	Macroeconomics	Dr. Vishakha Kutumbale	Devi Ahilya Vishwavidyalaya,	UG	5
44	B.Com. (Honours)	Financial Accounting	Dr. Manish Sitlani	Devi Ahilya Vishwavidyalaya,	UG	5
45	Common Paper	Environmental Studies	Dr. Monica Jain	Devi Ahilya Vishwavidyalaya,	UG	2
46	B.Com. (Honours)	Micro economics	Dr. M. Vasim Khan	Devi Ahilya Vishwavidyalaya,	UG	5
47	BA (Honors) Political Science	Understanding Political Theory	Dr. Ashwini Sharma	Devi Ahilya Vishwavidyalaya,	UG	5
48	B.Sc.Geology	Petrology	Prof. H. Thomas	Dr. Harisingh Gour Vishwavidyal	UG	4
49	BA Arts	Talon ka Soundarya Shastra	Dr. Rahul Swarnkaar	Dr. Harisingh Gour Vishwavidyal	UG	3
50	B.Sc.Geology	Photo Geology and Remote Sensing	Prof. R.K. Rawat	Dr. Harisingh Gour Vishwavidyal	UG	2
51	BA Hindi	Bhasha Proudhyogiki ka Parichay	Dr. C. Jaya Sankar Babu	Pondicherry University	PG	5
52	B.Sc. (Honors) Mathematics	Algebra	Dr.T.Asir	M.K.University	UG	5
53	BA (Honors) Sociology	Sociology of India - 1	Dr.B.Geetha	M.K.University	UG	5

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54	BA English	Nature of language	Dr. Shiva Durga	M.K.University	UG	2
55	B.Sc. Computer Science	Problem solving Aspects and Python	Dr.S.Malliga	M.K.University	UG	4
56	B.A Journalism and Mass	Reporting and Editing for Print	Dr. S. Saleema Rabiya	M.K.University	UG	4
57	B.Ed	Child development	Dr.S.Prakash	M.K.University	UG	2
58	B.Ed Spl. Education	Learning, Teaching and Assessment	Dr. G. Victoria Naomi	M.K.University	UG	2
59	B.Ed Spl. Education	Sensory Disabilities	Mrs. R.Shanthi	M.K.University	UG	2
60	B.Ed Spl. Education	Orientation and Mobility	Mrs. R. Nagomi Ruth	M.K.University	UG	2
61	BA Geography	Agricultural Geography	Dr V Krishna Kumar	University of Mysore	UG	4
62	BSc. Sericulture	Applied Entomology	Dr. Sannappa B	University of Mysore	UG	4
63	BSc. Statistics	Descriptive Statistics	Prof Vidya Raju	University of Mysore	UG	4
64	BA (Honors) Economics	Environmental Economics	Prof Ravindra Kumar	University of Mysore	UG	5
65	BA Geography	Geography of India	Prof. A. Balasubramanian	University of Mysore	UG	4
66	BA Tourism	Hospitality Industry in Tourism	Prof. H. Rajashekar	University of Mysore	UG	4
67	BSC. Biotechnology	Human Genetics	Prof N B Ramachandra	University of Mysore	UG	4
68	BA (Honors) Economics	Introductory Microeconomics	Dr Reshma Chengappa	University of Mysore	UG	5
69	BA Geography	Physical Geography - Climatology and	Dr. Arun Das	University of Mysore	UG	4
70	BSc. Statistics	Probability and Probability	Prof P Nagesh	University of Mysore	UG	4
71	BSc. Sericulture	Silkworm rearing and reeling technology	Dr Divya	University of Mysore	UG	4
72	BSc. Biological Science	Virology	Dr. K. R. Maruthi	University of Mysore	UG	4
73	BSc Zoology	Wild Life and its	Dr S Basavarajappa	University of	UG	4

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		Conservation		Mysore		
74	BSc. Computer Science	Course in Information Technology	Bageshree Deo	Savitribai Phule University, Pune	UG	3
75	BBA / BCom	Fundamentals of Banking and Insurance	Dr. Girija Shankar	Savitribai Phule University, Pune	UG	2
76	BBA / BCom	Fundamentals of Financial Management	Dr. Rupali Sheth	Savitribai Phule University, Pune	UG	3
77	BBA / BCom	Management Information System	Dr. A. Abhilasha	Savitribai Phule University, Pune	UG	4
78	BA (Honours) Psychology	Introduction to Psychology	Dr. Megha Deuskar	Savitribai Phule University, Pune	UG	4
79	BA (Honours) Economics	Introductory Macroeconomics	Dr. Manasi Kurtkoti	Savitribai Phule University, Pune	UG	5
80	B.Com. (Honours)	Business Law	Dr. Ravi Ahuja	Savitribai Phule University, Pune	UG	5
81	MA Education /M.Ed.	Communication Technologies in Education	Dr. Dhaneswar Harichandan	University of Mumbai	PG	5
82	B.Com. (Honours)	Corporate Law	Dr. Heena Basharat	University of Kashmir	UG	5
83	B. A (Honour's) Psychology	Psychology of Individual Differences	Dr Manzoor Ahmad Rather	University of Kashmir	UG	4
84	BA (Honours) History	Social Formations and Cultural Patterns of the Ancient World	Dr Abdul Rashid Lone	University of Kashmir	UG	5
85	BA (Honours) History	History of India-II	Dr. Younus Rashid	University of Kashmir	UG	5
86	B. A (Honour's) Psychology	Psychology for Health and Well-being	Dr. Yasir Hamid Bhat	University of Kashmir	UG	5
87	B.A. (LAW)	Administrative Law	Dr. Aneeda Jan	University of Kashmir	UG	2
88	BSc. Environmental	Complex Ecosystem Dynamics	Dr. Syed Maqbool Geelani	University of Kashmir	UG	2
89	BSc. Biotech.	Immunology	Dr. Manzoor A. Mir	University of Kashmir	UG	4
90	BSc. Botany	Embryology of Angiosperms	Dr. Khursheed Ahmad Ganai	University of Kashmir	UG	2
91	BA (Honours) History	Environmental Issues	Dr. Javid A Parray	University of	UG	5

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	Level of the Course	No of Credits
		In India		Kashmir		
92	BA (Honors) Political Science	POLITICAL THEORY: CONCEPTS & DEBATES	DR. SIBAJI PRATIM BASU	ST. XAVIER'S COLLEGE, KOLKATA	UG	5
93	BA (Honors) Sociology	Introduction to Sociology I	Dr Sarbani Bandyopadhyay	St. Xavier's College (Autonomous)	UG	5
94	BA (Honors) History	Making of Contemporary India	Dr. Soumitra Sreemani	St. Xavier's College (Autonomous)	UG	5
95	BA (Honors) Political Science	Constitutional Government & Democracy in India	Prof. Amitabha Ray	St. Xavier's College (Autonomous)	UG	5
96	B.A. (Honors) Sociology	Sociology of Media	Dr. Ipsita Barat	St. Xavier's College (Autonomous), Kolkata	UG	5
97	BA (Honors) Economics	Econometrics	Partha Pratim Ghosh	St. Xavier's College (Autonomous), Kolkata	UG	5
98	BA (Honors) Political Science	Political Process in India	Dr. Jhumpa Mukherjee	St Xavier's College, Kolkata	UG	5
99	BA (Honors) Sociology	INTRODUCTION TO SOCIOLOGY-II	KASTURI SINHA GHOSH	St. Xavier's College(Autonomo	UG	5
100	BA Multi Media and Mass Communication	Advertisement and Media	Dr. Manali Bhattacharya	St. Xavier's College (Autonomous), Kolkata	UG	2
101	BA History	Aspects of European History (1780- 1939)	Prof. Subhas Ranjan Chakrobarty	St. Xavier's College (Autonomous), Kolkata	UG	3
102	MSc. Mathematics	Operations Research	Prof. Bibhas Chandra Giri	University of Calcutta, Kolkata	PG	4
103	MSc. Mathematics	Partial Differential Equations	Alaka Das	University of Calcutta	PG	4
104	MSc. Mathematics	Numerical Analysis	Dr. Madhumangal Pal	Calcutta University	PG	4
105	MSc. Mathematics	FUNCTIONAL ANALYSIS	DR. MANTU SAHA	University of Calcutta	PG	4
106	LLB	Law and Justice in a Globalising World	Prof. Srikrishna Deva Rao	National Law University Orissa	PG	4
107	MSc. Chemistry	CHEMISTRY OF NANOMATERIALS	Dr. Syamchand. S. S	University of Calicut	PG	4
108	BSc. Nanotechnology	Introduction to Nanoscience and	Dr. Swapna S Nair	University of Calicut	UG	4
109	BSc Zoology	Applied and Economic	Dr.Dalie Dominic A	University of	UG	4

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		Zoology		Calicut		
110	BSc Zoology	Animal Biotechnology	Dr.Jayasree.S	University of Calicut	UG	4
111	BSc. Computer Science	Art of C Programming	Dr.Lajish V L	University of Calicut	UG	4
112	B.Ed	School Organization: Administration& Management	Dr. Minila K. George	University of Calicut	UG	4
113	BSc (Honours) Mathematics	Information Security	Dr. Reshma P K	University of Calicut	UG	5
114	BSc. Biological Sciences	Genetics and Genomics	Dr. Jos T Puthur	University of Calicut	UG	4
115	Common Paper	Communicative English	Dr.Salia Rex	University of Calicut	UG	4
116	BSc (Honours) Mathematics	Differential Equations	Mr. Mohamed Nishad Maniparambath	University of Calicut	UG	4
117	BSc (Honours) Mathematics	Calculus	Dr. Mansoor P	University of Calicut	UG	4
118	BA (Honours) Economics	ECONOMIC HISTORY OF INDIA FROM 1857 TO 1947	Dr. Linda George	University of Calicut	UG	5
119	B Com/M Com/MBA	Entrepreneurship Development	Nilam Panchal	Gujarat University	UG	4
120	MLISc	Digital Library	Dr. Jagdish Arora	Central University of Himachal	PG	5
121	MBA / BBA	HRM For Non-HR Managers	Dr. Margie Parikh		PG	4
122	B Com/M Com/MBA	Management Accounting	Dr. Deepak Raste	Gujarat University	UG	4
123	LLM	Access to Justice	Dr. Bharti Yadav	National Law University, Delhi	PG	4
124	LLM	Advanced Constitutional Law	Prof. (Dr.) Anupama Goel	National Law University Delhi	PG	4
125	MSc. Biological Science	Biomolecules : Structure, Function In	Ashok Sharma	All India Institute of Medical	PG	4
126	M.Arc	City & Metropolitan Planning	Prof. Dr. Sanjukta Bhaduri	School of Planning and Architecture,	PG	4
127	LLM	Criminal Justice Administration	Dr. Neeraj Tiwari	National Law University Delhi	PG	4

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128	MA Hindi	Hindi Bhasha ka Udbhav aur Vikas	Dr. Ganga Sahay Meena	Jawaharlal Nehru University	PG	4
129	MA Hindi	Hindi Gadya Sahitya Katha Sahitya	Professor Deo Sahankar Navin	Jawaharlal Nehru University	PG	4
130	MA Hindi	Indian Culture & History	Prof. Shiv Shankar Mishra	Shri Lal Bahadur Shastri National	PG	4
131	BSc. Chemistry	Organic Chemistry 1 UG	B. S. Balaji	Jawaharlal Nehru University	UG	4
132	Multidisciplinary	Society and Media	Dr. Durgesh Tripathi	Guru Gobind Singh Indraprastha	PG	4
133	Multidisciplinary	Media Content Production on Multiple	Dr. Krishna Sankar Kusuma	Jamia Millia Islamia, New Delhi	PG	4
134	LLM	Intellectual Property	Dr Yogesh Pai	National Law University	PG	4
135	MA Sanskrit	Indian Vastushastra	Dr. Pravesh Vyas	Sri Lal Bahadur Shastri Rashtriya	PG	4
136	MA Sanskrit	Introductory Sanskrit: Grammar	Prof. Jaikant Singh Sharma	Sri Lal Bahadur Shastri Rashtriya	PG	4
137	Multidisciplinary	Introduction to Film Studies	Juhee Prasad	Doon University	UG	4
138	BSc. Chemistry	Coordination Chemistry, states of	Dr. R. N. Jadeja	The Maharaja Sayajirao	UG	4
139	Multidisciplinary (Research)	Academic Writing	Dr Ajay Semalty	H.N.B. Garhwal University, (A	PG	4
140	MA Hindi	हिंदी भाषा एव संपन्न (Ability Enhancement)	Dr. Kshama Pandey	MJP Rohilkhand University	UG	4
141	BA (Honours) Public Administration	Public Policy and Governance	Dr. A. Sridhar Raj	Osmania University	UG	5
142	BA (Honours) Public	Administrative Theory	Dr.Lakshman	Osmania University	UG	5
143	Earth Sciences & Geography	Water Resources and Watershed Management	Dr. Harish Gupta	Osmania University	PG	4
144	BA (Honours) Sociology	Rethinking Development	Prof. Satyapriya Rout	Univeristy of Hyderabad	UG	5
145	BA (Honours) Public Administration	Introduction to Public Administration	Prof.Y Pardha Saradhi	Osmania University	UG	5
146	BSc. Computer Science	Data Structures	Dr.J.Indumathi	Anna University	UG	4

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147	BSc. Computer Science	Data Base Management Systems	Dr. E. Shanmugapriya	Anna University	UG	4
148	BSc. Electronics	Digital Electronics and Microprocessor	Dr.V.Jeyalakshmi, Professor	Anna UNIVERSITY	UG	2
149	Commerce	Statistics for Business Decisions	Prof. Karunesh Saxena	J N Vyas University, Jodhpur	UG	4
150	Geology	Earth System Science	M S Sisodia	JNV University	UG	4
151	Commerce	CORPORATE ACCOUNTING	AMITA BISSA	JNVU	UG	5
152	Biopsychology	Biopsychology	Dr. Hemlata Joshi	JNVU	UG	5
153	Commerce	Business Communication	Dr. Meeta Nihalani	JNVU Jodhpur	UG	4

### List of January 2024 Semester Course – NPTEL

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
1	Aerospace Engineering	Gasdynamics: Fundamentals and Applications	Prof. Srisha Rao M V	IISc	3	UG/PG
2	Aerospace Engineering	Aircraft Design	Prof. A.K.Ghosh	IITK	3	UG/PG
3	Aerospace Engineering	Computational Science in Engineering	Prof. Ashok De	IITK	2	UG/PG
4	Aerospace Engineering	Fundamentals of Theoretical and Experimental Aerodynamics	Prof. Arnab Roy	IITKGP	3	UG/PG
5	Aerospace Engineering	Introduction to Aircraft Control System	Prof. Dipak Kumar Giri	IITK	3	UG/PG
6	Aerospace Engineering	Introduction to Experiments in Flight	Prof. A.K.Ghosh	IITK	1	UG
7	Aerospace Engineering	Lighter than Air Systems	Prof. Rajkumar S. Pant	IITB	3	UG/PG
8	Aerospace Engineering	Rocket Propulsion	Prof. K. Ramamurthi Prof. V. Nagabhushana Rao	IITM	3	UG/PG
9	Aerospace Engineering	Combustion of Solid Fuels and Propellants	Prof. Srinibas Karmakar	IITKGP	2	UG/PG
10	Aerospace Engineering	Introduction to Ancient Indian Technology	Prof. D.P. Mishra	IITK	2	UG
11	Aerospace Engineering	Aerospace Structural Analysis	Prof. Mira Mitra	IITKGP	2	UG
12	Aerospace Engineering	Fundamentals of Supersonic and Hypersonic Flow	Prof. Arnab Roy	IITKGP	3	UG/PG
13	Agriculture Engineering	Cooling Technology: Why and How utilized in Food Processing and allied Industries	Prof. Tridib Kumar Goswami	IITKGP	3	UG/PG
14	Agriculture Engineering	Machine Learning For Soil And Crop Management	Prof. Somsubhra Chakraborty	IITKGP	3	UG
15	Agriculture Engineering	Novel Technologies For Food Processing And Shelf Life Extension	Prof. Hari Niwas Mishra	IITKGP	3	UG
16	Agriculture Engineering	Traction Engineering	Prof. Hifjur Raheman	IITKGP	2	UG/PG
17	Agriculture Engineering	Watershed Hydrology	Prof. Rajendra Singh	IITKGP	3	UG/PG
18	Agriculture Engineering	Water Quality Management Practices	Prof. Gourav Dhar Bhowmick	IITKGP	3	UG/PG

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19	Agriculture Engineering	Modern Food Packaging Technologies: Regulatory Aspects and Global Trends	Prof. Prem Prakash Srivastav	IITKGP	3	UG/PG
20	Agriculture Engineering	Basics of Crop Breeding and Plant Biotechnology	Prof. Joydeep Banerjee	IITKGP	3	UG/PG
21	Architecture and Planning	Engineering/Architectural Graphics - part I - Orthographic projection	Prof. Avlokita Agrawal	IITR	2	UG
22	Architecture and Planning	Engineering/Architectural Graphics – part II – Isometric and Axonometric Drawings	Prof. Avlokita Agrawal	IITR	1	UG
23	Architecture and Planning	Environmental Impact Assessment	Prof. Harshit Sosan Lakra	IITR	3	UG/PG
24	Architecture and Planning	Structure, Form, and Architecture: The Synergy	Prof. Shubhajit Sadhukhan	IITR	2	PG
25	Architecture and Planning	User Interface Design	Prof. Saptarshi Kolay	IITR	1	UG/PG
26	Architecture and Planning	Introduction to History of Architecture in India	Prof. Pushkar Sohoni	IISER Pune	1	UG
27	Architecture and Planning	Research Methodology for Planning and Architectural Studies	Prof. Shubhajit Sadhukhan	IITR	3	UG/PG
28	Architecture and Planning	Urban Services Planning	Prof. Debapratim Pandit	IITKGP	3	UG/PG
29	Biotechnology and Bioengineering	Maternal Infant Young Child Nutrition	Prof. Rupal Dalal	IITB	3	UG/PG
30	Biotechnology and Bioengineering	Maternal Infant Young Child Nutrition (Hindi)	Prof. Rupal Dalal	IITB	3	UG/PG
31	Biotechnology and Bioengineering	Computational Genomics	Prof. Vineet Kumar Sharma	IISER Bhopal	3	PG
32	Biotechnology and Bioengineering	RNA Biology	Prof. Rajesh Ramachandran	IISER Mohali	3	PG
33	Biotechnology and Bioengineering	Human Physiology	Prof. Nishikant Subhedar	IISER Pune	3	PG
34	Biotechnology and Bioengineering	Biomechanics	Prof. Varadhan	IITM	3	UG/PG
35	Biotechnology and Bioengineering	Molecular Biology	Prof. Vishal Trivedi	IITG	3	UG
36	Biotechnology and Bioengineering	Pharmacognosy & Metabolic Engineering	Prof. Adinpunya Mitra	IITKGP	3	PG

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37	Biotechnology and Bioengineering	Plant Developmental Biology	Prof. Shri Ram Yadav	IITR	1	UG/PG
38	Biotechnology and Bioengineering	Structural Biology	Prof. Saugata Hazra	IITR	3	UG/PG
39	Biotechnology and Bioengineering	Data Analysis For Biologists	Prof. Biplab Bose	IITG	2	UG/PG
40	Biotechnology and Bioengineering	Biochemistry - IITM	Prof. Subramaniam K	IITM	3	UG
41	Biotechnology and Bioengineering	Bioelectrochemistry	Prof. Mainak Das	IITK	1	UG/PG
42	Biotechnology and Bioengineering	Bioengineering: An Interface with Biology and Medicine	Prof. Sanjeeva Srivastava	IITB	2	UG
43	Biotechnology and Bioengineering	BioInformatics: Algorithms and Applications	Prof. Michael Gromiha	IITM	3	UG/PG
44	Biotechnology and Bioengineering	Biointerface Engineering	Prof. Lalit M. Pandey	IITG	2	UG/PG
45	Biotechnology and Bioengineering	Bioreactor Design and Analysis	Prof. Smita Srivastava	IITM	2	UG/PG
46	Biotechnology and Bioengineering	Cell Biology: Cellular organization, division and processes	Prof. Shikha Laloraya	IISc	2	UG/PG
47	Biotechnology and Bioengineering	Computational Systems Biology	Prof. Karthik Raman	IITM	3	UG/PG
48	Biotechnology and Bioengineering	Conservation Economics	Prof. Ankur Awadhiya	IITK	3	UG/PG
49	Biotechnology and Bioengineering	Demystifying The Brain	Prof. Srinivas Chakravarthy	IITM	1	UG/PG
50	Biotechnology and Bioengineering	Enzyme Sciences and Technology	Prof. Vishal Trivedi	IITG	3	UG
51	Biotechnology and Bioengineering	Forests and their Management	Prof. Ankur Awadhiya	IITK	3	UG
52	Biotechnology and Bioengineering	Host-Pathogen Interaction (Immunology)	Prof. Himanshu Kumar	IISER Bhopal	3	PG
53	Biotechnology and Bioengineering	Interactomics : Basics & Applications	Prof. Sanjeeva Srivastava	IITB	3	UG/PG

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54	Biotechnology and Bioengineering	Introductory Mathematical Methods for Biologists	Prof. Ranjit Padinhateeri	IITB	2	UG/PG
55	Biotechnology and Bioengineering	Material and Energy Balances	Prof. Vignesh Muthuvijayan	IITM	3	UG
56	Biotechnology and Bioengineering	Medical Biomaterials	Prof. Mukesh Doble	IITM	2	UG/PG
57	Biotechnology and Bioengineering	Metabolic Engineering	Prof. Pinaki Sar Prof. Amit Ghosh	IITKGP	2	UG
58	Biotechnology and Bioengineering	Nanotechnology In Agriculture	Prof. Mainak Das	IITK	2	UG/PG
59	Biotechnology and Bioengineering	Thermodynamics for Biological Systems : Classical and Statistical Aspect	Prof. G. K. Suraishkumar Prof. Sanjib Senapati	IITM	3	UG
60	Biotechnology and Bioengineering	Optical Spectroscopy and Microscopy : Fundamentals of optical measurements and instrumentation	Prof. Balaji Jayaprakash	IISc	3	PG
61	Biotechnology and Bioengineering	Biostatistics and Design of experiments	Prof. Mukesh Doble	IITM	2	UG/PG
62	Biotechnology and Bioengineering	Introduction To Professional Scientific Communication	Prof. S. Ganesh	IITK	1	PG
63	Biotechnology and Bioengineering	I Think Biology	Prof. Kaustubh Rau Prof. Sravanti Uppaluri Prof. Divya Uma Prof. Jayanti Ray Prof. Mukherjee Prof. Sriram	Azim Premji University	3	UG
64	Biotechnology and Bioengineering	Microsensors, Implantable Devices and Rodent Surgeries for Biomedical Applications	Prof. Shabari Girishan K V Prof. Hardik J. Pandya	RUAS IISc	3	UG/PG
65	Biotechnology and Bioengineering	Classics in Neuroscience	Prof. Varadhan SKM	IITM	2	PG
66	Civil Engineering	Advanced Foundation Engineering	Prof. Kousik Deb	IITKGP	3	UG/PG
67	Civil Engineering	Advanced Soil Mechanics	Prof. Sreedeeep S	IITG	3	UG/PG
68	Civil Engineering	Air pollution and Control	Prof. Bhola Ram Gurjar	IITR	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
69	Civil Engineering	Applied Environmental Microbiology	Prof. Gargi Singh	IITR	3	PG
70	Civil Engineering	Applied Seismology for Engineers	Prof. Abhishek Kumar	IITG	3	UG/PG
71	Civil Engineering	Basic construction materials	Prof. Manu Santhanam Prof. Radhakrishna G. Pillai	IITM	3	UG
72	Civil Engineering	Construction Methods And Equipment Management	Prof. Indu Siva Ranjani Gandhi	IITG	2	PG
73	Civil Engineering	Development and Applications of Special Concretes	Prof. Sudhir Misra	IITK	2	PG
74	Civil Engineering	Earthquake Resistant Design of Foundations	Prof. B. K. Maheshwari	IITR	2	UG/PG
75	Civil Engineering	Engineering Hydrology	Prof. Sreeja Pekkat	IITG	3	UG
76	Civil Engineering	Environmental Remediation of Contaminated Sites	Prof. Bhanu Prakash Vellanki	IITR	3	UG/PG
77	Civil Engineering	Expansive Soil	Prof. Anil Kumar Mishra	IITG	2	UG/PG
78	Civil Engineering	Finite Element Method	Prof. Biswanath Banerjee Prof. Amit Shaw	IITKGP	3	UG/PG
79	Civil Engineering	Geographic Information Systems	Prof. Arun K. Saraf	IITR	3	UG/PG
80	Civil Engineering	Geology and Soil Mechanics	Prof. Priyanka Ghosh	IITK	3	UG/PG
81	Civil Engineering	Geomorphology	Prof. Pitambar Pati	IITR	3	PG
82	Civil Engineering	Geosynthetics And Reinforced Soil Structures	Prof. K.Rajagopal	IITM	3	PG
83	Civil Engineering	Geotechnical Engineering - 1	Prof. D. N. Singh	IITB	3	UG
84	Civil Engineering	Geotechnical Engineering II Foundation Engineering	Prof. Dilip Kumar Baidya	IITKGP	3	UG
85	Civil Engineering	Hydraulic Engineering	Prof. Mohammad Saud Afzal	IITKGP	3	UG
86	Civil Engineering	Introduction to Accounting and Finance for Civil Engineers	Prof. K. N. Jha Prof. Sudhir Misra	IITK	2	UG/PG
87	Civil Engineering	Maintenance and Repair of Concrete Structures	Prof. Radhakrishna G. Pillai	IITM	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
88	Civil Engineering	Mechanical Characterization of Bituminous Materials	Prof. M. R. Nivitha (MRN) Prof. Neethu Roy(NR) Prof. A. Padmarekha(APR) Prof. J. Murali Krishnan(JMK)	PSG Tech., Coimbatore MBCET, Trivandrum SRM IST, Kattankulathur IIT Madras	3	PG
89	Civil Engineering	Microwave Remote Sensing in Hydrology	Prof. J. Indu	IITB	3	PG
90	Civil Engineering	Plastic Waste Management	Prof. Brajesh Kumar Dubey	IITKGP	2	PG
91	Civil Engineering	Remote Sensing Essentials	Prof. Arun K. Saraf	IITR	3	UG/PG
92	Civil Engineering	Retrofitting and Rehabilitation of Civil Infrastructure	Prof. Swati Maitra Prof. Sriman Bhattacharya	IITKGP	3	PG
93	Civil Engineering	Rock Engineering	Prof. Priti Maheshwari	IITR	3	UG
94	Civil Engineering	Soil Dynamics	Prof. Paramita Bhattacharya	IITKGP	3	UG/PG
95	Civil Engineering	Soil Structure Interaction	Prof. Kousik Deb	IITKGP	3	UG/PG
96	Civil Engineering	Structural Analysis-I	Prof. Amit Shaw	IITKGP	3	UG
97	Civil Engineering	Structural Dynamics	Prof. Ramancharala Pradeep Kumar	IITH	3	UG
98	Civil Engineering	Structural Vibration	Prof. Arunasis Chakarborty	IITG	3	UG/PG
99	Civil Engineering	Surface Water Hydrology	Prof. Rajib Maity	IITKGP	3	UG
100	Civil Engineering	Traffic Engineering	Prof. Bhargab Maitra	IITKGP	3	PG
101	Civil Engineering	Unsaturated Soil Mechanics	Prof. Tadikonda Venkata Bharat	IITG	3	UG/PG
102	Civil Engineering	Urban Transportation Systems Planning	Prof. Bhargab Maitra	IITKGP	3	PG
103	Civil Engineering	Vibration of Continuous Systems	Prof. Sudip Talukdar	IITG	3	PG
104	Civil Engineering	Water and waste water treatment	Prof. Bhanu Prakash Vellanki	IITR	3	UG
105	Civil Engineering	Water Supply Engineering	Prof. Manoj Kumar Tiwari	IITKGP	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
106	Civil Engineering	निर्माण प्रबंधन (Construction Management) के सिद्धांत[Nirman prabandhan (Construction Management) ke Siddhant]	Prof. Sudhir Misra	IITK	2	UG
107	Civil Engineering	Analysis and Design of Bituminous Pavements	M. R. Nivitha (MRN) Neethu Roy (NR) A. Padmarekha (APR) J. Murali Krishnan (JMK)	IITM	3	PG
108	Civil Engineering	Introduction to Lean Construction (Module 1 - Lean Basics)	Prof. Koshy Varghese Prof. N Raghavan	IITM	1	UG/PG
109	Civil Engineering	Modern Construction Materials	Prof. Ravindra Gettu Prof. Piyush Chaunsali	IITM	3	UG/PG
110	Civil Engineering	Introduction to Civil Engineering Profession	Prof. Ravindra Gettu Prof. Subhadeep Banerjee	IITM	2	UG
111	Civil Engineering	Concrete Technology	Prof. B. Bhattacharjee	IITD	3	UG
112	Civil Engineering	Energy Efficiency, Acoustics and Daylighting in Building	Prof. B. Bhattacharjee	IITD	3	PG
113	Earth Sciences	Remote Sensing and GIS for rural development	Prof. Pennan Chinnasamy	IITB	3	UG
114	Earth Sciences	The evolution of the Earth and life	Prof. Devapriya Chattopadhyay	IISER Pune	3	UG
115	Earth Sciences	Geomorphic Processes: Landforms And Landscapes	Prof. Javed N. Malik	IITK	2	UG
116	Earth Sciences	Natural Hazards	Prof. Javed N. Malik Prof. Santiswarup Sahoo	IITK	2	PG
117	Civil Engineering	Laboratory Practices in Earth Sciences: Landscape Mapping	Prof. Javed N Malik	IITK	2	UG/PG
118	Civil Engineering	Industrial Wastewater Treatment	Prof Alok Sinha Prof S K Gupta	IIT-ISM Dhanbad	3	UG/PG
119	Civil Engineering	Advanced Topics in Science and Technology of Concrete	Prof. Manu Santhanam Prof. Ravindra Gettu	IITM	1	PG
120	Chemical Engineering	Electrochemical Technology in Pollution Control	Prof. J. R. Mudakavi	IISc	2	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
121	Chemical Engineering	Advanced Thermodynamics and Molecular Simulations	Prof. Prateek Kumar Jha	IITR	3	UG/PG
122	Chemical Engineering	Applied Time-Series Analysis	Prof. Arun K Tangirala	IITM	3	PG
123	Chemical Engineering	Aspen Plus® Simulation Software - A Basic Course For Beginners	Prof. Prabirkumar Saha	IITG	3	UG/PG
124	Chemical Engineering	Basic Principles And Calculations In Chemical Engineering	Prof. Subrata Kumar Majumdar	IITG	3	UG
125	Chemical Engineering	Biological process design for wastewater treatment	Prof. Vimal Chandra Srivastava	IITR	2	UG/PG
126	Chemical Engineering	Biomass Conversion And Biorefinery	Prof. Kaustubha Mohanty	IITG	3	UG/PG
127	Chemical Engineering	Chemical Engineering Fluid Dynamics and Heat Transfer	Prof. Rabibrata Mukherjee Prof. Arnab Atta	IITKGP	3	UG
128	Chemical Engineering	Chemical Process Technology	Prof. Tamal Banerjee	IITG	3	UG
129	Chemical Engineering	Chemical Process Utilities	Prof. Shishir Sinha	IITR	3	UG/PG
130	Chemical Engineering	Chemical Reaction Engineering II	Prof. Ganesh Vishwanathan	IITB	3	UG
131	Chemical Engineering	Computational Fluid Dynamics	Prof. Sreenivas Jayanti	IITM	3	UG/PG
132	Chemical Engineering	Computational process design	Prof. Hariprasad Kodamana Prof. Manojkumar Ramteke	IITD	2	UG
133	Chemical Engineering	Computer Aided Applied Single Objective Optimization	Prof. Prakash Kotecha	IITG	3	UG/PG
134	Chemical Engineering	Environmental Quality Monitoring & Analysis	Prof. Ravi Krishna R	IITM	3	UG/PG
135	Chemical Engineering	Fluid Flow Operations	Prof. Subrata Kumar Majumdar	IITG	3	UG
136	Chemical Engineering	Heat Transfer	Prof. Ganesh Viswanathan	IITB	3	UG
137	Chemical Engineering	Membrane Technology	Prof. Kaustubha Mohanty	IITG	3	UG/PG
138	Chemical Engineering	Momentum Transfer in Fluids	Prof. Somenath Ganguly / Prof. Sunando DasGupta	IITKGP	3	UG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
139	Chemical Engineering	Multiphase Flows	Prof. Rajesh Kumar Upadhyay	IIT(BHU) Varanasi	2	UG/PG
140	Chemical Engineering	Multiphase Microfluidics	Prof. Raghvendra Gupta	IITG	2	PG
141	Chemical Engineering	Physical And Electrochemical Characterizations In Chemical Engineering	Prof. Tamal Banerjee	IITG	2	UG/PG
142	Chemical Engineering	Physico-chemical processes for wastewater treatment	Prof. Vimal Chandra Srivastava	IITR	3	UG/PG
143	Chemical Engineering	Polymer Reaction Engineering	Prof. Shishir Sinha	IITR	3	UG/PG
144	Chemical Engineering	Process Equipment Design	Prof. Shabina Khanam	IITR	3	UG
145	Chemical Engineering	Renewable Energy Engineering: Solar, Wind And Biomass Energy Systems	Prof. Vaibhav Vasant Goud, Prof. R. Anandalakshmi	IITG	3	UG/PG
146	Chemical Engineering	Thermodynamics Of Fluid Phase Equilibria	Prof. Jayant K. Singh	IITK	2	UG/PG
147	Chemical Engineering	Unit operations of particulate matter	Prof. Shabina Khanam	IITR	1	UG
148	Chemical Engineering	Waste to Energy Conversion	Prof. P. Mondal	IITR	2	UG
149	Chemical Engineering	Advanced Thermodynamics	Prof. Nanda Kishore	IITG	3	PG
150	Chemical Engineering	Chemical Engineering Thermodynamics	Prof. Sasidhar Gumma	IIT Tirupati	3	UG
151	Chemical Engineering	Modeling Stochastic phenomena for Engineering applications: Part-1	Prof. Yelia Shankaranarayana Mayya	IITB	3	UG/PG
152	Chemical Engineering	Inorganic Chemical Technology	Prof. Nanda Kishore	IITG	3	UG
153	Chemical Engineering	Applied Statistical Thermodynamics	Prof. Tamal Banerjee	IITG	3	PG
154	Chemical Engineering	Characterization of Polymers, Elastomers and Composites	Prof. Santanu Chattopadhyay	IITKGP	3	UG/PG
155	Chemical Engineering	Matlab Programming for Numerical Computation	Prof. Niket Kaisare	IITM	3	UG/PG
156	Computer Science and Engineering	Foundations of Cryptography	Prof. Ashish Choudhury	IIIT Bangalore	3	UG/PG
157	Computer Science and Engineering	Introduction to programming in C	Prof. Satyadev Nandakumar	IITK	2	UG/PG
158	Computer Science and Engineering	Linear programming and its applications to computer science	Prof. Rajat Mittal	IITK	2	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
159	Computer Science and Engineering	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IITH	3	UG/PG
160	Computer Science and Engineering	Basics of Computational Complexity	Prof. Nitin Saxena	IITK	3	UG/PG
161	Computer Science and Engineering	Advanced Computer Architecture	Prof. Smruti Ranjan Sarangi	IITD	3	PG
162	Computer Science and Engineering	Secure Computation: Part I	Prof. Ashish Choudhury	IIT Bangalore	3	UG/PG
163	Computer Science and Engineering	An Introduction to Artificial Intelligence	Prof. Mausam	IITD	3	UG
164	Computer Science and Engineering	Cloud Computing and Distributed Systems	Prof. Rajiv Misra	IITK	2	UG/PG
165	Computer Science and Engineering	Switching Circuits and Logic Design	Prof. Indranil Sengupta	IITKGP	3	UG
166	Computer Science and Engineering	Advanced Computer Networks	Prof. Neminath Hubballi Prof. Sameer Kulkarni	IIT Indore IIT Gandhi nagar	3	UG/PG
167	Computer Science and Engineering	Affective Computing	Prof. Jainendra Shukla Prof. Abhinav Dhall	IITD	3	UG/PG
168	Computer Science and Engineering	AI:Constraint Satisfaction	Prof. Deepak Khemani	IITM	2	UG/PG
169	Computer Science and Engineering	Artificial Intelligence: Knowledge Representation And Reasoning	Prof. Deepak Khemani	IITM	3	UG/PG
170	Computer Science and Engineering	Blockchain and its Applications	Prof. Sandip Chakraborty Prof. Shamik Sural	IITKGP	3	UG/PG
171	Computer Science and Engineering	Circuit Complexity Theory	Prof. Raghunath Tewari	IITK	3	UG/PG
172	Computer Science and Engineering	Cloud Computing	Prof. Soumya Kanti Ghosh	IITKGP	3	UG
173	Computer Science and Engineering	Compiler Design	Prof. Santanu Chattopadhyay	IITKGP	3	UG
174	Computer Science and Engineering	Computer Networks And Internet Protocol	Prof. Soumya Kanti Ghosh Prof. Sandip Chakraborty	IITKGP	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
175	Computer Science and Engineering	Data Analytics with Python	Prof. A Ramesh	IITR	3	UG/PG
176	Computer Science and Engineering	Data Base Management System	Prof. Partha Pratim Das Prof. Samiran Chattopadhyay	IITKGP	2	UG/PG
177	Computer Science and Engineering	Data Mining	Prof. Pabitra Mitra	IITKGP	2	UG
178	Computer Science and Engineering	Design and analysis of algorithms	Prof. Madhavan Mukund	CMI	2	UG
179	Computer Science and Engineering	Embedded System Design with ARM	Prof. Indranil Sengupta Prof. Kamalika Datta	IITKGP	2	UG
180	Computer Science and Engineering	Embedded Systems Design	Prof. Anupam Basu	IITKGP	3	UG
181	Computer Science and Engineering	Foundation of Cloud IoT Edge ML	Prof. Rajiv Misra	IITP	2	UG/PG
182	Computer Science and Engineering	Foundations of Cyber Physical Systems	Prof. Soumyajit Dey	IITKGP	3	UG/PG
183	Computer Science and Engineering	Fundamental Algorithms: Design And Analysis	Prof. Sourav Mukhopadhyay	IITKGP	1	UG/PG
184	Computer Science and Engineering	Getting Started with Competitive Programming	Prof. Neeldhara Misra	IIT Gandhinagar	3	UG
185	Computer Science and Engineering	GPU Architectures And Programming	Prof. Soumyajit Dey	IITKGP	3	UG/PG
186	Computer Science and Engineering	Information Security - 5 - Secure Systems Engineering	Prof. Chester Robeiro	IITM	2	UG/PG
187	Computer Science and Engineering	Introduction to Automata, Languages and Computation	Prof. Sourav Mukhopadhyay	IITKGP	3	UG/PG
188	Computer Science and Engineering	Introduction to Embedded System Design	Prof. Dhananjay V. Gadre Prof. Badri N Subudhi	IITD	3	UG/PG
189	Computer Science and Engineering	Introduction To Industry 4.0 And Industrial Internet Of Things	Prof. Sudip Misra	IITKGP	3	PG
190	Computer Science and Engineering	Introduction To Internet Of Things	Prof. Sudip Misra	IITKGP	3	UG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
191	Computer Science and Engineering	Introduction to Machine Learning (Tamil)	Prof. Arun Rajkumar	IITM	2	UG/PG
192	Computer Science and Engineering	Introduction To Soft Computing	Prof. Debasis Samanta	IITKGP	2	UG/PG
193	Computer Science and Engineering	Machine Learning for Engineering and science applications	Prof. Balaji Srinivasan and Prof. Ganapathy	IITM	3	UG/PG
194	Computer Science and Engineering	Natural Language Processing	Prof. Pawan Goyal	IITKGP	3	UG/PG
195	Computer Science and Engineering	Object Oriented System Development Using UML, Java And Patterns	Prof. Rajib Mall	IITKGP	3	PG
196	Computer Science and Engineering	Optimisation for Machine Learning: Theory and Implementation (Hindi)	Prof. Pravesh Biyani	IIITD	2	UG/PG
197	Computer Science and Engineering	Problem Solving Through Programming In C	Prof. Anupam Basu	IITKGP	3	UG/PG
198	Computer Science and Engineering	Programming In Java	Prof. Debasis Samanta	IITKGP	3	UG
199	Computer Science and Engineering	Programming in Modern C++	Prof. Partha Pratim Das	IITKGP	3	UG/PG
200	Computer Science and Engineering	Programming, Data Structures And Algorithms Using Python	Prof. Madhavan Mukund	CMI	2	UG
201	Computer Science and Engineering	Selected Topics in Algorithms	Prof. Palash Dey	IITKGP	3	PG
202	Computer Science and Engineering	Software Testing	Prof. Rajib Mall	IITKGP	1	UG/PG
203	Computer Science and Engineering	Systems and Usable Security	Prof. Neminath Hubballi	IIT Indore	1	UG/PG
204	Computer Science and Engineering	Theory of Computation	Prof. Subrahmanyam Kalyanasundaram	IIT Hyderabad	3	UG
205	Computer Science and Engineering	User-centric Computing For Human-Computer Interaction	Prof. Samit Bhattacharya	IITG	2	UG/PG
206	Computer Science and Engineering	Introduction to Machine Learning	Prof. Balaraman Ravindran	IITM	3	UG/PG
207	Computer Science and Engineering	Reinforcement Learning	Prof. Balaraman Ravindran	IITM	3	UG/PG

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208	Computer Science and Engineering	Data Science for Engineers	Prof. Rangunathan Rengasamy Prof. Shankar Narasimhan	IITM	2	UG/PG
209	Computer Science and Engineering	Python for Data Science	Prof. Rangunathan Rengasamy	IITM	1	UG
210	Computer Science and Engineering	Introduction to Database Systems	Prof. Sreenivasa Kumar	IITM	3	UG
211	Computer Science and Engineering	Social Networks	Prof. Sudarshan Iyengar Prof. Yayati Gupta	IIT Ropar	3	UG
212	Computer Science and Engineering	The Joy of Computing using Python	Prof. Sudarshan Iyengar	IIT Ropar	3	UG/PG
213	Computer Science and Engineering	Discrete Mathematics	Prof. Sudarshan Iyengar Prof. Prabuchandran K.J	IIT Ropar	3	UG
214	Computer Science and Engineering	Deep Learning - IIT Ropar	Prof. Sudarshan Iyengar Prof. Sanatan Sukhija	IIT Ropar	3	UG/PG
215	Computer Science and Engineering	Machine Learning, ML	Prof. Carl Gustaf Jansson	KTH Royal Institute of Technology, Sweden	2	PG
216	Computer Science and Engineering	Digital Design with Verilog	Prof. Chandan Karfa, Prof. Aryabartta Sahu	IITG	3	UG
217	Computer Science and Engineering	Probability for Computer Science	Prof. Nitin Saxena	IITK	2	UG/PG
218	Computer Science and Engineering	Parallel Computer Architecture	Prof. Hemangee K. Kapoor	IITG	3	UG/PG
219	Computer Science and Engineering	Games and Information	Prof. Ankur A. Kulkarni	IITB	3	PG
220	Computer Science and Engineering	Business Intelligence & Analytics	Prof. Saji K Mathew	IITM	3	PG
221	Computer Science and Engineering	Edge Computing	Prof. Rajiv Misra	IITP	2	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
222	Chemistry	Metallocene and Metal-carbene based Organometallic Compounds as Industrially Important Advanced Polyolefin Catalysts	Prof. Sanjib K. Patra	IITKGP	2	UG/PG
223	Chemistry	Advanced Chemical Thermodynamics and Kinetics	Prof. Arijit Kumar De	IISER Mohali	3	UG/PG
224	Chemistry	Advanced Transition Metal Organometallic Chemistry	Prof. P. Ghosh	IITB	3	UG/PG
225	Chemistry	Basic thermodynamics: Classical and Statistical Approaches	Prof. Arnab Mukherjee	IISER Pune	3	UG
226	Chemistry	Basics in Inorganic Chemistry	Prof. D. Maiti	IITB	1	UG
227	Chemistry	Biochemistry	Prof. Swagata Dasgupta	IITKGP	3	UG/PG
228	Chemistry	Chemistry Of Main Group Elements	Prof. M.S. Balakrishna	IITB	3	UG/PG
229	Chemistry	Co-Ordination Chemistry (Chemistry Of Transition Elements)	Prof. Debashis Ray	IITKGP	3	UG
230	Chemistry	Electrochemical impedance Spectroscopy	Prof. S. Ramanathan	IITM	3	PG
231	Chemistry	Elementary Electrochemistry	Prof. Angshuman Roy Choudhury	IISER Mohali	2	UG/PG
232	Chemistry	Essentials Of Biomolecules : Nucleic Acids And Peptides	Prof. Lal Mohan Kundu	IITG	3	PG
233	Chemistry	Essentials of Oxidation, Reduction and C-C Bond Formation. Application in Organic Synthesis	Prof. Yashwant D Vankar	IITB	3	PG
234	Chemistry	Experimental Biochemistry	Prof. Swagata Dasgupta Prof. Soumya De	IITKGP	3	UG
235	Chemistry	Fundamentals of Spectroscopy	Prof. Sayan Bagchi Prof. Anirban Hazra	NCL Pune, IISER Pune	3	UG
236	Chemistry	Industrial Inorganic Chemistry	Prof. Debashis Ray	IITKGP	3	UG/PG
237	Chemistry	Interpretative molecular spectroscopy	Prof. M. S. Balakrishna	IITB	3	UG/PG
238	Chemistry	Medicinal Chemistry	Prof. Harinath Chakrapani	IISER Pune	3	UG/PG
239	Chemistry	Molecular Spectroscopy: A Physical Chemist's perspective	Prof. Anindya Datta	IITB	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
240	Chemistry	Nuclear and Radiochemistry	Prof. B.S.Tomar Prof. P.K.Mohapatra	Homi Bhabha National Institute	3	PG
241	Chemistry	One and Two dimensional NMR Spectroscopy: Concepts and Spectral Analysis	Prof. N. Suryaprakash	IISc	3	UG/PG
242	Chemistry	Organic Chemistry I (Tamil)	Prof. Srinivasan Venkataraman	IISER PUNE	1	UG
243	Chemistry	Organometallic Chemistry	Prof. D. Maiti	IITB	1	UG
244	Chemistry	Pericyclic Reactions and Organic Photochemistry	Prof. Sankararaman	IITM	2	PG
245	Chemistry	Symmetry and Group Theory	Prof. Jeetender Chugh	IISER PUNE	3	PG
246	Chemistry	Symmetry, Stereochemistry and Applications	Prof. Angshuman Roy Choudhury	IISER Mohali	3	UG
247	Chemistry	Transition Metal Organometallics in Catalysis and Biology	Prof. P. Ghosh	IITB	3	UG/PG
248	Chemistry	Ultrafast laser spectroscopy	Prof. Anindya Datta	IITB	3	PG
249	Chemistry	Bioinorganic Chemistry	Prof. S. P. Rath	IITK	1	UG/PG
250	Chemistry	Supramolecular Chemistry-I	Prof. Parimal Kanti Bharadwaj	IITK	2	PG
251	Chemistry	Elementary Thermodynamics for All	Prof. Srabani Taraphder	IITKGP	3	UG
252	Chemistry	Thermodynamics: Classical To Statistical	Prof. Sandip Paul	IITG	3	UG/PG
253	Chemistry	Time Dependent Quantum Chemistry	Prof. Atanu Bhattacharya	IISc	3	PG
254	Chemistry	Many body methods in quantum chemistry	Prof. Sourav Pal Prof. Achintya Kumar Dutta	IITB	3	UG/PG
255	Architecture, Civil and Design	Strategies for Sustainable Design	Prof. Shiva Ji	IIT Hyderabad	3	UG/PG
256	Design Engineering	Fundamentals of Automotive Systems	Prof. C. S. Shankar Ram	IITM	3	UG/PG
257	Design Engineering	Understanding Design	Prof. Nina Sabnani	IITB	1	UG
258	Design Engineering	Understanding Ethnography	Prof. Nina Sabnani	IITB	2	UG/PG
259	Design Engineering	Understanding Incubation and Entrepreneurship	Prof. B. K. Chakravarthy	IITB	3	UG

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260	Design Engineering	Usability Engineering	Prof. Debayan Dhar	IITG	3	UG/PG
261	Design Engineering	Design, Technology and Innovation	Prof. B. K. Chakravarthy	IITB	2	UG
262	Design Engineering	Innovation by Design	Prof. B. K. Chakravarthy	IITB	1	UG
263	Economic Sciences	Foundations of Accounting & Finance	Prof. Arun Kumar Gopalswamy	IITM	3	UG/PG
264	Economic Sciences	Applied Econometrics	Prof. Sabuj Kumar Mandal	IITM	3	PG
265	Economic Sciences	Applied Statistics and Econometrics	Prof. Deep Mukherjee	IITK	3	UG/PG
266	Economic Sciences	Indian Economy: Some Contemporary Perspectives	Prof. Wasim Ahmad	IITK	2	UG
267	Economic Sciences	Microfoundations Of Macroeconomics	Prof. Wasim Ahmad	IITK	2	UG/PG
268	Economic Sciences	Introduction to Econometrics	Prof. Sabuj Kumar Mandal	IITM	3	UG
269	Economic Sciences	Health Economics	Prof. Pratap C. Mohanty	IITR	3	PG
270	Economic Sciences	Predictive Analytics - Regression and Classification	Prof. Sourish Das	CMI	3	PG
271	Multidisciplinary	Neural Science for Engineers	Prof. Vikas V	IISc & Nimhans	3	PG
272	Electrical and Electronics Engineering	Fundamentals of semiconductor devices	Prof. Digbijoy N. Nath	IISc	3	UG
273	Electrical and Electronics Engineering	Photonic integrated circuit	Prof. Shankar Kumar Selvaraja	IISc	3	PG
274	Electrical and Electronics Engineering	Deep Learning	Prof. Prabir Kumar Biswas	IITKGP	3	UG/PG
275	Electrical and Electronics Engineering	Electronics Enclosures Thermal issues	Prof. N.V Chalapathi Rao	IISc	2	UG/PG
276	Electrical and Electronics Engineering	Electronics equipment integration and Prototype building	Prof. N.V Chalapathi Rao	IISc	2	UG/PG
277	Electrical and Electronics Engineering	Fundamental of Power Electronics	Prof. L.Umanand	IISc	3	UG/PG
278	Electrical and Electronics Engineering	Integrated Circuits, Mosfets, OP-Amps and their Applications	Prof. Hardik Jeetendra Pandya	IISc	3	UG/PG
279	Electrical and Electronics Engineering	A brief introduction of Micro - Sensors	Prof. Santanu Talukder	IISER Bhopal	1	PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
280	Electrical and Electronics Engineering	Advanced topics in Wireless Communication (Hindi)	Prof. Vivek Ashok Bohara	IIT Delhi	2	UG/PG
281	Electrical and Electronics Engineering	Analog Circuits	Prof. Jayanta Mukherjee	IITB	2	UG
282	Electrical and Electronics Engineering	Analog Electronic Circuits - IITM	Prof. Shanthi Pavan	IITM	3	UG
283	Electrical and Electronics Engineering	Analog Ic Design	Prof. Aniruddhan.S	IITM	3	UG/PG
284	Electrical and Electronics Engineering	Circuit Analysis for Analog Designers	Prof. Shanthi Pavan	IITM	3	PG
285	Electrical and Electronics Engineering	Control engineering	Prof. Ramkrishna Pasumarthy	IITM	3	UG/PG
286	Electrical and Electronics Engineering	Digital Signal Processing and its Applications	Prof. V. M. Gadre	IITB	3	UG/PG
287	Electrical and Electronics Engineering	Digital System Design	Prof. Neeraj Goel	IIT Ropar	3	UG
288	Electrical and Electronics Engineering	Foundations of Wavelets and Multirate Digital Signal Processing	Prof. V. M. Gadre	IITB	1	UG/PG
289	Electrical and Electronics Engineering	Linear Dynamical Systems	Prof. Tushar Jain	IIT Mandi	2	PG
290	Electrical and Electronics Engineering	Microwave Integrated Circuits	Prof. Jayanta Mukherjee	IITB	2	UG/PG
291	Electrical and Electronics Engineering	Modern Computer Vision	Prof. A. N. Rajagopalan	IITM	3	UG/PG
292	Electrical and Electronics Engineering	Multirate DSP	Prof. R. David Koilpillai	IITM	3	UG/PG
293	Electrical and Electronics Engineering	Optical Fiber Sensors	Prof Balaji Srinivasan	IITM	3	UG/PG
294	Electrical and Electronics Engineering	Power Management Integrated Circuits	Prof. Qadeer Ahmad Khan	IITM	3	UG/PG
295	Electrical and Electronics Engineering	Principles of Digital Communication	Prof. Abhishek Dixit	IITD	3	UG
296	Electrical and Electronics Engineering	RF and Microwave Networks	Prof. Bratin Ghosh	IITKGP	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
297	Electrical and Electronics Engineering	Semiconductor device modeling and Simulation	Prof. Vivek Dixit	IITKGP	3	UG/PG
298	Electrical and Electronics Engineering	Signals and Systems	Prof. Hitesh Shrimali Prof. Kushal K. Shah	IIT Mandi	3	UG
299	Electrical and Electronics Engineering	CMOS Digital VLSI Design	Prof. Sudeb Dasgupta	IITR	2	UG/PG
300	Electrical and Electronics Engineering	EV - Vehicle Dynamics and Electric Motor Drives	Prof. Amit Jain Prof. Avanish Tripathi	IITD	2	UG/PG
301	Electrical and Electronics Engineering	Electromagnetic Waves in Guided and Wireless Media	Prof. Pradeep Kumar K	IITK	2	UG/PG
302	Electrical and Electronics Engineering	Fuzzy Sets, Logic and Systems & Applications	Prof. Nishchal Kumar Verma	IITK	3	UG/PG
303	Electrical and Electronics Engineering	Optimal control	Prof. Barjeev Tyagi	IITR	2	PG
304	Electrical and Electronics Engineering	Power Quality Improvement Technique	Prof. Avik Bhattacharya	IITR	2	PG
305	Electrical and Electronics Engineering	Principles of Communication Systems - I	Prof. Aditya K. Jagannatham	IITK	3	UG
306	Electrical and Electronics Engineering	Principles of Signals and Systems	Prof. Aditya K. Jagannatham	IITK	3	UG
307	Electrical and Electronics Engineering	Smart Grid: Basics to Advanced Technologies	Prof. N. P. Padhy, Prof. Premalata Jena	IITR	3	UG/PG
308	Electrical and Electronics Engineering	Computer Vision And Image Processing - Fundamentals And Applications	Prof. M. K. Bhuyan	IITG	3	UG/PG
309	Electrical and Electronics Engineering	Design Of Power Electronic Converters	Prof. Shabari Nath	IITG	2	UG/PG
310	Electrical and Electronics Engineering	Microprocessors And Interfacing	Prof. Shaik Rafi Ahamed	IITG	3	UG
311	Electrical and Electronics Engineering	Operation And Planning Of Power Distribution Systems	Prof. Sanjib Ganguly	IITG	3	PG
312	Electrical and Electronics Engineering	Transmission lines and electromagnetic waves	Prof. Ananth Krishnan	IITM	3	PG
313	Electrical and Electronics Engineering	Digital IC Design	Prof. Janakiraman	IITM	3	UG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
314	Electrical and Electronics Engineering	Design and Analysis of VLSI Subsystems	Prof. Madhav Rao	IIT Bangalore	3	UG/PG
315	Electrical and Electronics Engineering	Sensors and Actuators	Prof. Hardik Jeetendra Pandya	IISc	3	UG/PG
316	Electrical and Electronics Engineering	Microprocessors and Microcontrollers	Prof. Santanu Chattopadhyay	IITKGP	3	UG
317	Electrical and Electronics Engineering	An Introduction to Information Theory	Prof. Adrish Banerjee	IITK	2	UG/PG
318	Electrical and Electronics Engineering	Applied Linear Algebra	Prof. Dwaipayan Mukherjee	IITB	3	PG
319	Electrical and Electronics Engineering	Biomedical Signal Processing	Prof. Sudipta Mukhopadhyay	IITKGP	3	UG/PG
320	Electrical and Electronics Engineering	Computer-Aided Design of Electrical Machines	Prof. Bhim Singh	IITD	3	PG
321	Electrical and Electronics Engineering	Digital Communication using GNU Radio	Prof. Kumar Appaiah	IITB	3	UG
322	Electrical and Electronics Engineering	Digital Electronic Circuits	Prof. Goutam Saha	IITKGP	3	UG
323	Electrical and Electronics Engineering	Electrical Machines - II	Prof. Tapas Kumar Bhattacharya	IITKGP	3	UG
324	Electrical and Electronics Engineering	Evolution Of Air Interface Towards 5G	Prof. Suvra Sekhar Das	IITKGP	2	UG/PG
325	Electrical and Electronics Engineering	Facts Devices	Prof. Avik Bhattacharya	IITR	2	PG
326	Electrical and Electronics Engineering	Industrial Automation And Control	Prof. Alokanti Deb	IITKGP	3	UG/PG
327	Electrical and Electronics Engineering	Medical Image Analysis	Prof. Debdoot Sheet	IITKGP	1	UG/PG
328	Electrical and Electronics Engineering	Network Analysis	Prof. Tapas Kumar Bhattacharya	IITKGP	3	UG
329	Electrical and Electronics Engineering	Optical Wireless Communications for Beyond 5G Networks and IoT	Prof. Anand Srivastava	IIITD	3	UG/PG
330	Electrical and Electronics Engineering	Power Quality	Prof. Bhim Singh	IITD	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
331	Electrical and Electronics Engineering	Power System Engineering	Prof. Debapriya Das	IITKGP	3	UG
332	Electrical and Electronics Engineering	State space Approach to Control System Analysis and Design	Prof A P Tiwari	IIT Mandi	3	PG
333	Electrical and Electronics Engineering	VLSI Signal Processing	Prof. Mrityunjoy Chakraborty	IITKGP	2	UG/PG
334	Electrical and Electronics Engineering	Digital Protection of Power System	Prof. Bhaveshkumar R. Bhalja	IITR	2	PG
335	Electrical and Electronics Engineering	Control System Design	Prof G R Jayanth	IISc	3	UG/PG
336	Electrical and Electronics Engineering	Nonlinear and Adaptive Control	Prof. Shubhendu Bhasin	IITD	1	PG
337	Electrical and Electronics Engineering	EMI /EMC and Signal Integrity: Principles, Techniques and Applications	Prof. Amitabha Bhattacharya	IITKGP	3	UG/PG
338	Electrical and Electronics Engineering	Embedded Sensing, Actuation and Interfacing Systems	Prof. Banibrata Mukherjee	IITKGP	3	PG
339	Electrical and Electronics Engineering	Basics of Semiconductor Microwave Devices	Prof Digbijoy N Nath	IISc	3	UG/PG
340	Electrical and Electronics Engineering	Physics of Nanoscale Devices	Prof. Vishvendra Singh Poonia	IITR	3	UG/PG
341	Electrical and Electronics Engineering	Communication Networks	Prof. Gautam Das	IITKGP	3	PG
342	Electrical and Electronics Engineering	Fundamentals Of MIMO Wireless Communication	Prof. Suvra Sekhar Das	IITKGP	2	UG/PG
343	Electrical and Electronics Engineering	Integrated Circuits and Applications	Prof. Shaik Rafi Ahamed	IITG	3	UG
344	Electrical and Electronics Engineering	Millimeter Wave Technology	Prof. Mrinal Kanti Mandal	IITKGP	2	PG
345	Electrical and Electronics Engineering	RF Transceiver Design	Prof. Darshak Bhatt	IITR	3	UG/PG
346	Electrical and Electronics Engineering	Signal Processing Techniques and its Applications	Prof. Shyamal Das Mandal	IITKGP	3	UG/PG
347	Electrical and Electronics Engineering	VLSI Physical Design with Timing Analysis	Prof. Bishnu Prasad Das	IITR	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
348	Multidisciplinary	Multi-Criteria Decision Making and Applications	Prof. Raghu Nandan Sengupta	IITK	3	UG/PG
349	Multidisciplinary	An Introduction to Urban Ecological Heritage: Theories and Applications	Prof. Jenia Mukherjee	IITKGP	1	UG/PG
350	Multidisciplinary	Vulnerability Studies: An Introduction	Prof. Pramod K Nayar	University of Hyderabad	2	UG/PG
351	Multidisciplinary	Pulmonary Function tests - Interpretation and application in clinical practice	Multifaculty	Chettinad Hospital and Research Institute	1	UG/PG
352	Multidisciplinary	Basic Certificate in Palliative Care	Prof. Geeta Joshi Prof. Piyush Gupta	INTERNATIONAL INSTITUTE OF DISTANCE LEARNING AN INITIATIVE OF NAPCAIM	3	UG/PG
353	Multidisciplinary	Fundamental Of Fluid Mechanics For Chemical And Biomedical Engineers	Prof. Raghvendra Gupta	IITG	3	UG
354	Multidisciplinary	NBA Accreditation and Teaching and learning in Engineering (NATE)	Prof. N J Rao Prof. K Rajanikanth	IISc	3	PG
355	Multidisciplinary	Teaching And Learning in Engineering (TALE)	Prof. N J Rao	IISc	1	PG
356	Multidisciplinary	Basic Course in Ornithology	Prof. Mousumi Ghosh Prof. Manjari Jain Prof. R Jayapal Prof. Anand Krishnan Prof. Suhel Quader Prof. V.V. Robin Prof. Umesh Srinivasan	NCF IISER Mohali SACON IISER Bhopal NCF IISER Tirupati IISc	3	UG/PG
357	Multidisciplinary	Basics of Mental Health & Clinical Psychiatry	Prof. Arijita Banerjee Prof. Sumit Kumar	IITKGP	2	UG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
358	Multidisciplinary	Biophotonics	Prof. Basudev Lahiri	IITKGP	3	PG
359	Multidisciplinary	Designing Learner-Centric MOOCs	Prof. Sahana Murthy Prof. Jayakrishnan M. Prof. Sameer Sahasrabudhe	IITB	2	PG
360	Multidisciplinary	Effective Engineering Teaching In Practice	Prof. G. K. Suraishkumar Prof. Edamana Prasad Prof. Richa Verma	IITM	1	PG
361	Multidisciplinary	Engineering Statistics	Prof. Manjesh Hanawal	IITB	3	UG/PG
362	Multidisciplinary	Entrepreneurship Essentials	Prof. Manoj Kumar Mondal	IITKGP	3	UG/PG
363	Multidisciplinary	Foundation Certificate In Palliative Care	Prof. Geeta Joshi Prof. Piyush Gupta	INTERNATIONAL INSTITUTE OF DISTANCE LEARNING AN INITIATIVE OF NAPCAIM	3	UG
364	Multidisciplinary	Fuzzy Logic And Neural Networks	Prof. Dilip Kumar Pratihar	IITKGP	2	UG/PG
365	Multidisciplinary	Groundwater hydrology and management	Prof. Pennan Chinnasamy	IITB	3	UG
366	Multidisciplinary	Introduction To Environmental Engineering And Science - Fundamental And Sustainability Concepts	Prof. Brajesh K Dubey	IITKGP	3	UG
367	Multidisciplinary	Introduction to Reliability Engineering	Prof. Neeraj Kumar Goyal	IITKGP	2	UG
368	Multidisciplinary	Research Methodology	Prof. Edamana Prasad Prof. Prathap Haridoss	IITM	2	PG

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369	Multidisciplinary	Management of Medical Emergencies in Dental Practice	Multifaculty	Sree Balaji Dental College & Hospital and Tagore Dental College & Hospital	2	UG/PG
370	Multidisciplinary	Nanobio Technology Enabled Point-of-Care Devices	Prof. Gorachand Dutta	IITKGP	2	UG/PG
371	Multidisciplinary	Non-conventional energy Resources	Prof. Prathap Haridoss	IITM	3	UG/PG
372	Multidisciplinary	One Health	Multi Faculty	ICMR - Regional Medical Research Centre, Bhubaneswar	3	PG
373	Multidisciplinary	Oral Biology	Prof.Ramya and Team	Saveetha Dental College & IITM	2	UG
374	Multidisciplinary	Outcome Based Pedagogic Principles For Effective Teaching	Prof. Shyamal Kumar Das Mandal	IITKGP	1	UG
375	Multidisciplinary	Research Methodology in Natural Sciences	Prof. Soumitro Banerjee	IISER Kolkata	3	PG
376	Multidisciplinary	Roadmap for patent creation	Prof. Gouri Gargate	IITKGP	2	UG/PG
377	Multidisciplinary	Rural Water Resources Management	Prof. Pennan Chinnasamy	IITB	3	UG
378	Multidisciplinary	Experimental Robotics	Prof. Dilip Kumar Pratihar	IITKGP	1	UG/PG
379	Multidisciplinary	Conservation & Project Management of Baoli Water Systems	Multifaculty	IITD	3	UG/PG
380	Multidisciplinary	Medical Law	Prof. Chaitanya Mittal Prof. Narendran Thiruthy	IITKGP	2	UG/PG
381	Multidisciplinary	An Overview on Maternal Health Antenatal, Intranatal and Postnatal Care	Prof. Barnali Ghosh	IITKGP	3	UG/PG
382	Multidisciplinary	Recommender Systems	Prof. Mamata Jenamani	IITKGP	2	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
383	Multidisciplinary	Comprehensive Molecular Diagnostics and Advanced Gene Expression Analysis	Prof. Aritri Bir Prof. Arindam Ghosh	IITKGP	3	UG/PG
384	Humanities and Social Sciences	Science Communication: Research Productivity and Data Analytics using Open Source Software	Prof. Nabi Hasan Prof. Mohit Garg	IITD	3	PG
385	Humanities and Social Sciences	Petroleum Economics and Management	Prof. Anwasha Aditya	IITKGP	3	UG/PG
386	Humanities and Social Sciences	Advanced Level of Spoken Sanskrit	Prof. Anuradha Choudry	IITKGP	2	PG
387	Humanities and Social Sciences	Education for Sustainable Development	Prof. Atasi Mohanty	IITKGP	3	UG/PG
388	Humanities and Social Sciences	Elements of Literature and Creative Communication	Prof. H S Komalesha	IITKGP	3	UG
389	Humanities and Social Sciences	Emotional Intelligence	Prof. Rabindra Kumar Pradhan	IITKGP	2	UG/PG
390	Humanities and Social Sciences	Introduction On Intellectual Property To Engineers And Technologists	Prof. Tapas Kumar Bandyopadhyay	IITKGP	2	UG/PG
391	Humanities and Social Sciences	Legal Compliance For Incorporating Startup	Prof. Indrajit Dube	IITKGP	1	UG/PG
392	Humanities and Social Sciences	Speaking Effectively	Prof. Anjali Gera Roy	IITKGP	2	UG
393	Humanities and Social Sciences	Strategic Performance Management	Prof. Kbl Srivastava	IITKGP	2	PG
394	Humanities and Social Sciences	Technology Transfer Through Joint Venture	Prof. Indrajit Dube	IITKGP	1	UG/PG
395	Humanities and Social Sciences	Training and Development	Prof. Susmita Mukhopadhyay Prof. S. Srinivasan	IITKGP	3	UG/PG
396	Humanities and Social Sciences	Development of Sociology in India	Prof. Ashish Saxena	IITK	1	PG
397	Humanities and Social Sciences	Great Experiments In Psychology	Prof. Rajlakshmi Guha	IITKGP	1	PG
398	Humanities and Social Sciences	Soft Skill Development	Prof. Priyadarshi Patnaik Prof. V. N. Giri Prof. D. Suar	IITKGP	2	UG/PG
399	Humanities and Social Sciences	The Science of Happiness and Wellbeing	Prof. Priyadarshi Patnaik Prof. Manas K Mandal	IITKGP	2	UG/PG
400	Humanities and Social Sciences	An Introduction to Microeconomics	Prof. Vimal Kumar	IITK	3	PG

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401	Humanities and Social Sciences	Appreciating Hindustani Music	Prof. Lakshmi Sreeram Prof. Srijan Deshpande	IITM	2	UG
402	Humanities and Social Sciences	Basics of language Science	Prof. Rajesh Kumar	IITM	3	UG/PG
403	Humanities and Social Sciences	Bilingualism: A cognitive and psycholinguistic perspective	Prof. Bidisha Som	IITG	2	UG/PG
404	Humanities and Social Sciences	Contextualizing Gender	Prof. Rashmi Gaur	IITR	3	UG/PG
405	Humanities and Social Sciences	Economic Growth And Development	Prof. Rajshree Bedamatta	IITG	2	UG/PG
406	Humanities and Social Sciences	Effective Writing	Prof. Binod Mishra	IITR	1	UG/PG
407	Humanities and Social Sciences	Energy Resources, Economics and Environment	Prof. Rangan Banerjee	IITD	3	UG/PG
408	Humanities and Social Sciences	English Literature of the Romantic Period 1798-1832	Prof. Pramod K Nayar	University of Hyderabad	2	UG/PG
409	Humanities and Social Sciences	Enhancing Soft Skills and Personality	Prof. T. Ravichandran	IITK	2	UG/PG
410	Humanities and Social Sciences	Exploring Survey Data on Health Care	Prof. Pratap C. Mohanty	IITR	2	UG/PG
411	Humanities and Social Sciences	Feminism : Concepts and Theories	Prof. Mathangi Krishnamurthy	IITM	3	UG
412	Humanities and Social Sciences	German - I	Prof. Milind Brahme	IITM	3	UG
413	Humanities and Social Sciences	German - II	Prof. Milind Brahme	IITM	3	UG
414	Humanities and Social Sciences	German - III	Prof. Milind Brahme	IITM	3	UG/PG
415	Humanities and Social Sciences	Globalization: Theoretical Perspectives	Prof. R. Santhosh	IITM	3	PG
416	Humanities and Social Sciences	Group Dynamics	Prof. Pooja Garg	IITR	2	UG
417	Humanities and Social Sciences	Health Research Fundamentals	Prof. P. Manickam	NIE	2	UG
418	Humanities and Social Sciences	Human Behaviour	Prof. Naveen Kashyap	IITG	2	PG
419	Humanities and Social Sciences	Indian Feminisms: Concepts and Issues	Prof. Anandita Pan	IISER Bhopal	1	UG/PG
420	Humanities and Social Sciences	Indian Poetry in English	Prof. Binod Mishra	IITR	2	UG/PG
421	Humanities and Social Sciences	Intellectual Property	Prof. Feroz Ali	IITM	3	UG/PG
422	Humanities and Social Sciences	Introduction To Cognitive Psychology	Prof. Naveen Kashyap	IITG	3	UG/PG
423	Humanities and Social Sciences	Introduction to Cultural Studies	Prof. Avishek Parui	IITM	3	PG
424	Humanities and Social Sciences	Introduction to Environmental Economics	Prof. Diptimayee Nayak & Prof. S. P. Singh	IITR	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
425	Humanities and Social Sciences	Introduction To Modern Indian Drama	Prof. Kiran Keshavamurthy	IITG	2	PG
426	Humanities and Social Sciences	Introduction To Modern Indian Political Thought	Prof. Mithilesh Kumar Jha	IITG	3	UG/PG
427	Humanities and Social Sciences	Introduction to Pāṇinian grammar	Prof. Malhar Kulkarni	IITB	3	UG
428	Humanities and Social Sciences	Introduction To Political Theory	Prof. Mithilesh Kumar Jha	IITG	3	UG
429	Humanities and Social Sciences	Introduction to Psychology	Prof. Braj Bhushan	IITK	2	UG
430	Humanities and Social Sciences	Introduction to World Literature	Prof. Merin Simi Raj	IITM	3	PG
431	Humanities and Social Sciences	Japani Bhasha - Saral swaroop	Prof. Vatsala Misra	IITK	3	UG/PG
432	Humanities and Social Sciences	Language and Mind	Prof. Rajesh Kumar	IITM	2	UG
433	Humanities and Social Sciences	Language, Culture And Cognition: An Introduction	Prof. Bidisha Som	IITG	2	UG/PG
434	Humanities and Social Sciences	Literary Criticism (From Plato to Leavis)	Prof. Merin Simi Raj	IITM	3	PG
435	Humanities and Social Sciences	Literature and Coping Skills	Prof. Ajit K Mishra	IIT(BHU) Varanasi	2	UG/PG
436	Humanities and Social Sciences	Literature and Life	Prof. S P Dhanavel	IITM	3	UG
437	Humanities and Social Sciences	Modern Indian Writing in Translation	Prof. Divya A	IITM	3	UG/PG
438	Humanities and Social Sciences	Narrative Mode and Fiction	Prof. Sarbani Banerjee	IITR	3	UG/PG
439	Humanities and Social Sciences	Online Communication in the Digital Age	Prof. Rashmi Gaur	IITR	3	UG/PG
440	Humanities and Social Sciences	Patent Drafting for Beginners	Prof. Feroz Ali	IITM	1	UG/PG
441	Humanities and Social Sciences	Patent Law for Engineers and Scientists	Prof. Feroz Ali	IITM	3	UG/PG
442	Humanities and Social Sciences	Philosophical Foundations Of Social Research	Prof. Sambit Mallick	IITG	2	UG/PG
443	Humanities and Social Sciences	Phonetics And Phonology: A Broad Overview	Prof. Shakuntala Mahanta	IITG	2	UG
444	Humanities and Social Sciences	Psychiatry - An Overview and How the Brain Creates Mind	Prof. Alok Bajpai	IITK	2	UG/PG
445	Humanities and Social Sciences	Psychology of Emotion: Theory and Applications	Prof. Dilwar Hussain	IITG	3	UG/PG
446	Humanities and Social Sciences	Psychology Of Stress, Health And Well-Being	Prof. Dilwar Hussain	IITG	3	UG/PG
447	Humanities and Social Sciences	Sociological Perspectives On Modernity	Prof. Sambit Mallick	IITG	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
448	Humanities and Social Sciences	The Nineteenth - Century English Novel	Prof. Divya A	IITM	3	PG
449	Humanities and Social Sciences	Trauma and Literature	Prof. Avishek Parui	IITM	3	PG
450	Humanities and Social Sciences	Twentieth Century Fiction	Prof. Avishek Parui	IITM	3	UG/PG
451	Humanities and Social Sciences	United Nations Sustainable Development Goals (UN SDGs)	Prof. Shiva Ji	IITH	3	UG/PG
452	Humanities and Social Sciences	समास samāsa in Pāṇinian grammar- I	Prof. Malhar Kulkarni	IITB	3	UG
453	Humanities and Social Sciences	Literary Theory and Literary Criticism	Prof. Aysha Iqbal	IITM	2	PG
454	Humanities and Social Sciences	English Language for Competitive Exams	Prof. Aysha Iqbal	IITM	3	UG/PG
455	Humanities and Social Sciences	Learning English in Hindi	Prof. Rajesh Kumar	IITM	2	UG/PG
456	Humanities and Social Sciences	Philosophy and Critical Thinking	Prof. Gyan Prakash	IIT-ISM Dhanbad	3	UG/PG
457	Humanities and Social Sciences	Energy Resources, Economics, and Sustainability	Prof. Pratham Arora	IITR	2	UG/PG
458	Humanities and Social Sciences	Psychology Of Bilingualism And Multilingualism	Prof. Ark Verma	IITK	2	PG
459	Humanities and Social Sciences	Cognitive Ergonomics	Prof. M. K. Asthana	IITR	1	UG/PG
460	Humanities and Social Sciences	Sociology and Sanitation: An Introduction	Prof. Ashish Saxena	University of Allahabad	1	UG/PG
461	Humanities and Social Sciences	Human Movement Science	Prof. Shruti Bhandurge Prof. Subham Badhyal	IITM	2	UG
462	Humanities and Social Sciences	Sports and Performance Nutrition	Prof. Geetha Ghaliyavar	IITM	2	UG
463	Humanities and Social Sciences	Sports Psychology	Prof. Chaitanya Sridhar Prof. Nivedita Rajan Prof. Priyanka Prabhakar	IITM	2	UG
464	Humanities and Social Sciences	Strength & Conditioning for the Indian Population	Prof. Deckline Leitao Prof. Varun Suresh Kumar	IITM	3	UG
465	Humanities and Social Sciences	Essentials of Sports Injury Prevention & Rehabilitation	Col (Dr) Anup Krishnan (Retd) Wg Cdr (Dr) CS GuruLt Col (Dr) Atul Sharma	IITM	2	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
466	Humanities and Social Sciences	Introduction to Exercise Physiology & Sports Performance	Col (Dr) Anup Krishnan (Retd) Wg Cdr (Dr) CS Guru Prof. Pralay Majumdar	IITM	2	UG/PG
467	Humanities and Social Sciences	Fundamentals of Sports Training, Load Management and recovery	Col (Dr) Anup Krishnan (Retd) Wg Cdr (Dr) CS Guru Prof. Kaustubh Shedjale	IITM	2	UG/PG
468	Humanities and Social Sciences	Forensic Linguistics	Prof. Deepak Mashru	National Forensic Sciences Universtiy (INI)	1	UG/PG
469	Law	Advanced Contracts, Tendering and Public Procurement	Prof. Sairam Bhat	NLSIU	3	UG/PG
470	Law	IP Management & Technology Transfer	Prof. Gouri Gargate	IITKGP	2	UG/PG
471	Law	International Trade Law	Prof. Raju KD	IITKGP	2	UG/PG
472	Law	Centre-State Relations in India	Prof. Uday Shankar	IITKGP	2	UG/PG
473	Law	Constitution Law and Public Administration in India	Prof. Sairam Bhat	IITM	3	UG/PG
474	Mathematics	Advanced Computational Techniques	Prof. Somnath Bhattacharyya	IITKGP	1	UG/PG
475	Mathematics	Advanced Course on Partial Differential Equations - II	Prof. A K Nandakumaran Prof. P.S. Datti	IISc	2	PG
476	Mathematics	Advanced Engineering Mathematics	Prof. H S Mahato	IITKGP	3	UG
477	Mathematics	Advanced Linear Algebra	Prof. Premananda Bera	IITR	3	PG
478	Mathematics	Advanced Probability Theory	Prof. Niladri Chatterjee	IITD	3	UG/PG
479	Mathematics	Algebra - II	Prof. Sankaran Viswanath Prof. Amritanshu Prasad	IMSc	3	PG
480	Mathematics	Algebraic Combinatorics	Prof. Amritanshu Prasad Prof. Sankaran Viswanath	IMSc	3	UG/PG
481	Mathematics	An Introduction to Hyperbolic Geometry	Prof. Abhijit Pal	IITK	3	PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
482	Mathematics	An introduction to Point-Set-Topology Part-I	Prof. Anant R Shastri	IITB	3	UG
483	Mathematics	An invitation to Topology	Prof. Indrava Roy	IMSc	3	UG
484	Mathematics	Applied Linear Algebra in AI and ML	Prof. Swanand Khare	IITKGP	3	UG/PG
485	Mathematics	Basic Calculus - 1	Prof. Arindama Singh	IITM	3	UG
486	Mathematics	Basic Linear Algebra	Prof. I.K.Rana	IITB	2	UG
487	Mathematics	Basic Real Analysis	Prof. I. K. Rana	IITB	3	UG
488	Mathematics	Computational Mathematics with SageMath	Prof. Ajit Kumar	Institute of Chemical Technology, Mumbai	3	UG/PG
489	Mathematics	Dynamical System and Control	Prof. N. Sukavanam, Prof. D. N Pandey	IITR	3	UG/PG
490	Mathematics	Engineering Mathematics II	Prof. Jitendra Kumar	IITKGP	3	UG
491	Mathematics	Essentials Of Data Science With R Software - 1: Probability And Statistical Inference	Prof. Shalabh	IITK	3	UG/PG
492	Mathematics	Essentials Of Data Science With R Software - 2: Sampling Theory And Linear Regression Analysis	Prof. Shalabh	IITK	3	UG/PG
493	Mathematics	First Course on Partial Differential Equations - I	Prof. A. K. Nandakumaran Prof. P. S. Datti	IISc	2	PG
494	Mathematics	Fourier Analysis and its applications	Prof. G. K Srinivasan	IITB	3	PG
495	Mathematics	Functional Analysis	Prof. Kesavan	IMSc	3	PG
496	Mathematics	Graph Theory	Prof. Soumen Maity	IISER PUNE	2	UG/PG
497	Mathematics	Introduction to Algebraic Geometry and Commutative Algebra	Prof. Dilip P. Patil	IISc	3	UG/PG
498	Mathematics	Introduction to Galois Theory	Prof. Krishna Hanumanthu	CMI	2	UG/PG
499	Mathematics	Introduction to Group Theory	Prof. R. Venkatesh	IISc	3	UG
500	Mathematics	Introduction to Lie algebras	Prof. R. Venkatesh	IISc	3	PG
501	Mathematics	Introduction To Queueing Theory	Prof. N. Selvaraju	IITG	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
502	Mathematics	Introduction To Rings And Fields	Prof. Krishna Hanumanthu	CMI	2	PG
503	Mathematics	Introduction to Statistics	Prof. Sameen Naqvi	IIT Hyderabad	3	PG
504	Mathematics	Linear Algebra	Prof. Pranav Haridas	Kerala School of Mathematics	3	UG
505	Mathematics	Mathematical Modelling: Analysis and Applications	Prof. Ameeya Kumar Nayak	IITR	1	UG/PG
506	Mathematics	Multivariable Calculus	Prof. S. K. Gupta & Prof. Sanjeev Kumar	IITR	2	UG
507	Mathematics	Numerical Analysis	Prof. S. Baskar	IITB	3	UG/PG
508	Mathematics	Numerical Linear Algebra	Prof. P.N. Agrawal, Prof. D. N Pandey	IITR	3	UG/PG
509	Mathematics	Numerical Methods: Finite difference approach	Prof. Ameeya Kumar Nayak	IITR	1	PG
510	Mathematics	Ordinary and Partial Differential Equations and Applications	Prof. P.N. Agrawal, Prof. D. N Pandey	IITR	3	UG
511	Mathematics	Probabilistic Methods in PDE	Prof. Anindya Goswami	IISER Pune	3	PG
512	Mathematics	Probability And Statistics	Prof. Somesh Kumar	IITKGP	3	UG/PG
513	Mathematics	Probability –I with Examples Using R	Prof. Siva Athreya	ISI Bangalore	3	UG
514	Mathematics	Scientific Computing using Matlab	Prof. Mani Mehra Prof. Vivek K. Aggarwal	IITD	3	UG/PG
515	Mathematics	Set Theory and Mathematical Logic	Prof. Amit Kuber	IITK	3	UG
516	Mathematics	Statistical Inference	Prof. Niladri Chatterjee	IITD	2	UG/PG
517	Mathematics	Numerical Linear Algebra and Application	Prof. Srinivasa Rao Pentyala	IIT-ISM Dhanbad	3	UG/PG
518	Mechanical Engineering	Engineering Thermodynamics in Hindi	Prof. Jayant K. Singh	IITK	3	UG
519	Applied Mechanics	Engineering Mechanics - Statics and Dynamics	Prof. Anubhab Roy	IITM	2	UG
520	Mechanical Engineering	Applied Thermodynamics	Prof. V. Raghavan	IITM	3	UG
521	Mechanical Engineering	Experimental Stress Analysis	Prof. K. Ramesh	IITM	3	UG/PG
522	Mechanical Engineering	Acoustic Materials And Metamaterials	Prof. Sneha Singh	IITR	2	PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
523	Mechanical Engineering	Automatic Control	Prof. Anil Kumar	IITR	2	UG/PG
524	Mechanical Engineering	Convective Heat Transfer	Prof. Arup Kumar Das	IITR	1	UG
525	Mechanical Engineering	Failure Analysis And Prevention	Prof. D. K. Dwivedi	IITR	2	UG/PG
526	Mechanical Engineering	Financial Mathematics	Prof. P. K. Jha	IITR	3	UG/PG
527	Mechanical Engineering	Inspection And Quality Control In Manufacturing	Prof. Kaushik Pal	IITR	1	UG/PG
528	Mechanical Engineering	Manufacturing Guidelines For Product Design	Prof. Inderdeep Singh	IITR	2	UG/PG
529	Mechanical Engineering	Mechanical Measurement Systems	Prof. Ravi Kumar	IITR	2	UG/PG
530	Mechanical Engineering	Mechatronics	Prof. Pushparaj Mani Pathak	IITR	2	UG/PG
531	Mechanical Engineering	Modelling And Simulation Of Dynamic Systems	Prof. Pushparaj Mani Pathak	IITR	2	UG/PG
532	Mechanical Engineering	Operations Management	Prof. Inderdeep Singh	IITR	3	UG/PG
533	Mechanical Engineering	Principles Of Casting Technology	Prof. P. K. Jha	IITR	2	UG/PG
534	Mechanical Engineering	Principles Of Industrial Engineering	Prof. D. K. Dwivedi	IITR	3	UG
535	Mechanical Engineering	Robotics and Control : Theory and Practice	Prof. N. Sukavanam, Prof. M. Felix Orlando	IITR	2	UG/PG
536	Mechanical Engineering	Steam And Gas Power Systems	Prof. Ravi Kumar	IITR	2	UG/PG
537	Mechanical Engineering	Surface Engineering Of Nanomaterials	Prof. Kaushik Pal	IITR	2	UG/PG
538	Mechanical Engineering	Two Phase Flow And Heat Transfer	Prof. Arup Kumar Das	IITR	1	UG/PG
539	Mechanical Engineering	Introduction to Soft Matter	Prof. Alope Kumar	IISc	2	UG/PG
540	Mechanical Engineering	Robotics: Basics and Selected Advanced Concepts	Prof. Ashitava Ghosal	IISc	3	UG/PG
541	Mechanical Engineering	Advanced Robotics	Prof. Ashish Dutta	IITK	3	UG/PG
542	Mechanical Engineering	Basics of Finite Element Analysis - II	Prof. Nachiketa Tiwari	IITK	2	UG/PG
543	Mechanical Engineering	Computational Fluid Dynamics For Incompressible Flows	Prof. Amaresh Dalal	IITG	3	UG/PG
544	Mechanical Engineering	Computer Integrated Manufacturing	Prof. J. Ramkumar Prof. Amandeep Singh	IITK	3	UG/PG

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545	Mechanical Engineering	Design Practice	Prof. Shantanu Bhattacharya	IITK	2	UG/PG
546	Mechanical Engineering	Dynamics and Control of Mechanical Systems	Prof. Ashitava Ghosal	IISc	3	UG/PG
547	Mechanical Engineering	Evolutionary Computation For Single And Multi-Objective Optimization	Prof. Deepak Sharma	IITG	2	PG
548	Mechanical Engineering	Explosions and Safety	Prof. K. Ramamurthi Prof. Prasad Patnaik BSV	IITM	3	UG/PG
549	Mechanical Engineering	Finite Element Modeling Of Welding Processes	Prof. Swarup Bag	IITG	3	UG/PG
550	Mechanical Engineering	Fundamental Of Welding Science And Technology	Prof. Pankaj Biswas	IITG	2	UG/PG
551	Mechanical Engineering	Fundamentals of Combustion	Prof. V. Raghavan	IITM	3	UG/PG
552	Mechanical Engineering	Fundamentals of combustion for propulsion	Prof. S.Varunkumar Prof. H.S.Mukunda	IITM IISc Bangalore	2	PG
553	Mechanical Engineering	Fundamentals Of Compressible Flow	Prof. Niranjana Sahoo	IITG	3	UG/PG
554	Mechanical Engineering	Heat Transfer and Combustion in Multiphase Systems	Prof. Saptarshi Basu	IISc	2	UG/PG
555	Mechanical Engineering	IC Engines And Gas Turbines	Prof. Pranab K. Mondal, Prof. Vinayak N. Kulkarni	IITG	3	UG/PG
556	Mechanical Engineering	Introduction to Abrasive Machining and Finishing Processes	Prof. Mamilla Ravi Sankar	IIT Tirupati	2	UG/PG
557	Mechanical Engineering	Introduction To Fluid Mechanics	Prof. Suman Chakraborty	IITKGP	3	UG
558	Mechanical Engineering	Introduction to Machining and Machining Fluids	Prof. Mamilla Ravi Sankar	IIT Tirupati	2	UG/PG
559	Mechanical Engineering	Introduction To Mechanical Micro Machining	Prof. Ajay M Sidpara	IITKGP	3	UG/PG
560	Mechanical Engineering	Introduction To Uncertainty Analysis And Experimentation	Prof. S.R. Kale	IITD	2	UG/PG
561	Mechanical Engineering	Kinematics Of Mechanisms And Machines	Prof. Anirvan Dasgupta	IITKGP	2	UG/PG
562	Mechanical Engineering	Machinery Fault Diagnosis And Signal Processing	Prof. Amiya Ranjan Mohanty	IITKGP	3	PG

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563	Mechanical Engineering	Machining Science	Prof. Sounak Kumar Choudhury	IITK	1	PG
564	Mechanical Engineering	Manufacturing Automation	Prof. Sounak Kumar Choudhury	IITK	1	UG
565	Mechanical Engineering	Manufacturing Process Technology I & II	Prof.Shantanu Bhattacharya	IITK	3	UG/PG
566	Mechanical Engineering	Mechanics Of Fiber Reinforced Polymer Composite Structures	Prof. Debabrata Chakraborty	IITG	3	UG/PG
567	Mechanical Engineering	Mechanics Of Machining	Prof. Uday S. Dixit	IITG	2	UG/PG
568	Mechanical Engineering	Mechanics of Sheet Metal Forming	Prof. R Ganesh Narayanan	IITG	2	UG/PG
569	Mechanical Engineering	Nature and Properties of Materials	Prof. Bishakh Bhattacharya	IITK	2	UG
570	Mechanical Engineering	Noise Management & Control	Prof. Nachiketa Tiwari	IITK	3	PG
571	Mechanical Engineering	Nonlinear Vibration	Prof. S. K. Dwivedy	IITG	3	UG/PG
572	Mechanical Engineering	Oil Hydraulics and Pneumatics	Prof. Somashekhar S	IITM	3	UG/PG
573	Mechanical Engineering	Optimization from fundamentals	Prof. Ankur A. Kulkarni	IITB	3	PG
574	Mechanical Engineering	Power Plant System Engineering	Prof. Niranjana Sahoo	IITG	3	UG
575	Mechanical Engineering	Product Design and Manufacturing	Prof. J.Ramkumar Prof. Amandeep Singh	IITK	3	UG/PG
576	Mechanical Engineering	Product Engineering and Design Thinking	Prof. Pranab K Dan Prof. Prabir Sarkar	IITKGP	2	UG/PG
577	Mechanical Engineering	Theory Of Composite Shells	Prof. Poonam Kumari	IITG	2	PG
578	Mechanical Engineering	Theory of Rectangular Plates-Part I	Prof. Poonam Kumari	IITG	1	PG
579	Mechanical Engineering	Thermal Engineering: Basic and Applied	Prof. Pranab K. Mondal	IITG	3	UG/PG
580	Mechanical Engineering	Thermodynamics	Prof. S.R. Kale	IITD	3	UG/PG
581	Mechanical Engineering	Turbulent Combustion: Theory and Modelling	Prof. Ashok De	IITK	3	UG/PG
582	Mechanical Engineering	Two-Phase Flow With Phase Change In Conventional And Miniature Channels	Prof. Manmohan Pandey	IITG	1	UG
583	Mechanical Engineering	Viscous Fluid Flow	Prof. Amaresh Dalal	IITG	3	UG/PG

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584	Mechanical Engineering	Wheeled Mobile Robots	Prof. Asokan Thondiyath Prof. Santhakumar Mohan	IITM IIT Palakkad	2	UG/PG
585	Mechanical Engineering	Cryogenic Hydrogen Technology	Prof. Indranil Ghosh	IITKGP	2	UG/PG
586	Mechanical Engineering	Industrial Hydraulics and Automation	Prof. Niranjana Kumar Prof. Ajit Kumar	IIT-ISM Dhanbad	3	UG/PG
587	Mechanical Engineering	Ideal fluid flows using complex analysis	Prof. Amit Gupta	IITD	1	PG
588	Mechanical Engineering	Design of Mechanical Transmission Systems	Prof. Ramkumar	IITM	3	UG/PG
589	Mechanical Engineering	Advanced Machining Processes	Prof. Shantanu Bhattacharya	IITK	3	UG
590	Mechanical Engineering	Introduction to Solidification Processing	Prof. Swarup Bag	IITG	2	PG
591	Mechanical Engineering	Data-Enabled Tribological Engineering: From Experiments to Predictive Models	Prof. (HAG) Harish Hirani	IITD	3	UG/PG
592	Mechanical Engineering	Nonlinear Control Design	Prof. Srikant Sukumar	IITB	3	PG
593	Mechanical Engineering	Introduction to Refrigeration and Air Conditioning	Prof. Sameer Khandekar	IITK	2	UG/PG
594	Mechanical Engineering	Strength Of Materials - IITM	Prof. K.Ramesh	IITM	3	UG
595	Management	Project Management	Prof. Ramesh Anbanandam	IITR	2	UG
596	Management	Infrastructure Economics	Prof. Nalin Bharti	IIT Patna	2	UG/PG
597	Management	Systems Engineering: Theory & Practice	Prof. Deepu Philip	IITK	2	UG/PG
598	Management	Advances in Strategic Human Resource Management (HRM)	Prof. Ashish Pandey	IITB	1	UG/PG
599	Management	AI in Marketing	Prof. Zillur Rahman	IITR	3	PG
600	Management	Artificial Intelligence (AI) for Investments	Prof. Abhinava Tripathi	IITK	3	UG/PG
601	Management	Behavioral And Personal Finance	Prof. Abhijeet Chandra	IITKGP	2	UG/PG
602	Management	Business analytics and data mining Modeling using R	Prof. Gaurav Dixit	IITR	3	UG/PG
603	Management	Business Analytics For Management Decision	Prof. Rudra P Pradhan	IITKGP	3	UG/PG
604	Management	Business Development: From Start to Scale	Prof. C Bhaktavatsala Rao	IITM	3	UG/PG

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605	Management	Business Law for Managers	Prof. S Srinivasan Prof. Kaushik Mukherjee	IITKGP	2	UG/PG
606	Management	Business Statistics	Prof. Mukesh Kumar Barua	IITR	3	UG/PG
607	Management	Consumer Behaviour	Prof. Srabanti Mukherjee	IITKGP	2	UG/PG
608	Management	Data Analysis and Decision Making - I	Prof. Raghu Nandan Sengupta	IITK	3	PG
609	Management	Design Thinking - A Primer	Prof. Ashwin Mahalingam Prof. Bala Ramadurai	IITM	1	UG/PG
610	Management	E-Business	Prof. Mamata Jenamani	IITKGP	3	UG
611	Management	Ethics In Engineering Practice	Prof. Susmita Mukhopadhyay	IITKGP	2	UG/PG
612	Management	Financial accounting - IITMandi	Prof. Puran Singh	IIT Mandi	3	UG/PG
613	Management	Financial Derivatives & Risk Management	Prof. J. P. Singh	IITR	3	PG
614	Management	Financial Institutions And Markets	Prof. Jitendra Mahakud	IITKGP	3	UG/PG
615	Management	Financial Management For Managers	Prof. Anil K. Sharma	IITR	3	UG/PG
616	Management	Financial Statement Analysis and Reporting	Prof. Anil K. Sharma	IITR	3	UG/PG
617	Management	Foundation Course In Managerial Economics	Prof. Barnali Nag	IITKGP	2	UG/PG
618	Management	Global Marketing Management	Prof. Zillur Rahman	IITR	3	UG/PG
619	Management	Innovation in Marketing and Marketing of Innovation	Prof. Vinay Sharma	IITR	3	UG/PG
620	Management	Integrated Marketing Communication	Prof. Vinay Sharma	IITR	3	UG/PG
621	Management	Integrated Marketing Management	Prof. R. Srinivasan	IISc	2	PG
622	Management	International Business	Prof. Jogendra Kumar Nayak	IITR	3	UG/PG
623	Management	International Marketing	Prof. Biswarup Ghosh	IITKGP	2	PG
624	Management	Introduction to Operations Research	Prof. G. Srinivasan	IITM	2	UG/PG
625	Management	Introduction to probability and Statistics	Prof. G. Srinivasan	IITM	1	UG/PG
626	Management	Introduction to Stochastic Processes	Prof. Manjesh Hanawal	IITB	3	PG

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627	Management	Introduction to System Dynamics Modeling	Prof. Jayendran Venkateswaran	IITB	2	UG/PG
628	Management	Investment Management	Prof. Abhijeet Chandra	IITKGP	2	UG/PG
629	Management	Leadership and Team Effectiveness	Prof. Santosh Rangnekar	IITR	3	UG/PG
630	Management	Leadership for India Inc: Practical Concepts and Constructs	Prof. C Bhaktavatsala Rao	IITM	3	PG
631	Management	Management of Field Sales	Prof. Jayanta Chatterjee	IITK	1	UG/PG
632	Management	Managing Change In Organizations	Prof. Kbl Srivastava	IITKGP	2	UG/PG
633	Management	Mergers, Acquisitions and Corporate Restructuring	Prof. Chandra Sekhar Mishra	IITKGP	2	PG
634	Management	Marketing Analytics	Prof. Swagato Chatterjee	IITKGP	3	PG
635	Management	Marketing Management - II	Prof. Jayanta Chatterjee & Prof. Shashi Shekhar Mishra	IITK	2	UG/PG
636	Management	Marketing Research and Analysis-II	Prof. Jogendra Kumar Nayak	IITR	3	UG/PG
637	Management	MCDM Techniques Using R	Prof. Gaurav Dixit	IITR	1	UG/PG
638	Management	Modelling And Analytics For Supply Chain Management	Prof. Kunal Kanti Ghosh Prof. Anupam Ghosh	IITKGP	3	PG
639	Management	Organizational Behaviour: Individual Dynamics in Organization	Prof. Abraham Cyril Issac	IITG	3	PG
640	Management	Organizational Design Change and Transformation	Prof. Susmita Mukhopadhyay Prof. Sangeeta Sahney Prof. S. Srinivasan	IITKGP	3	UG/PG
641	Management	Principles of Management	Prof. Usha Lenka	IITR	3	UG/PG
642	Management	Production and Operation Management	Prof. Rajat Agrawal	IITR	3	PG
643	Management	Quality Control and Improvement with MINITAB	Prof. Indrajit Mukherjee	IITB	2	PG
644	Management	Quality Design And Control	Prof. Pradip Kumar Ray	IITKGP	3	UG/PG
645	Management	Retail Management	Prof. Swagato Chatterjee	IITKGP	2	PG
646	Management	Safety and Risk Analytics	Prof. Jhareswar Maiti	IITKGP	3	UG/PG

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647	Management	Sales And Distribution Management	Prof. Sangeeta Sahney	IITKGP	2	UG/PG
648	Management	Simulation of Business Systems: An Applied Approach	Prof. Deepu Philip	IITK	2	UG/PG
649	Management	Six Sigma	Prof. Jitesh J Thakkar	IITKGP	3	UG/PG
650	Management	Strategic Services Marketing	Prof. Kalpak Kulkarni	IITR	3	UG/PG
651	Management	Strategic Sourcing	Prof. Arshinder Kaur	IITM	3	PG
652	Management	Supply Chain Analytics	Prof. Rajat Agrawal	IITR	2	UG/PG
653	Management	Supply Chain Digitization	Prof. Priyanka Verma Prof. Sushmita Narayana Prof. Debabrata Das	National Institute of Industrial Engineering (NITIE), Mumbai	3	PG
654	Management	Talent Acquisition and Management	Prof. Santosh Rangnekar	IITR	3	UG/PG
655	Management	Technology Forecasting for strategic decision making - An Introduction	Prof. Dmitry Kucharavy Prof. Bala Ramadurai	EM Strasbourg Business School (University of Strasbourg) and IITM	1	PG
656	Management	Management of New Products and Services	Prof. Jayanta Chatterjee	IITK	1	PG
657	Management	Yoga and Positive Psychology for Managing Career and Life	Prof. Ashish Pandey	IITB	2	UG/PG
658	Management	Management of Inventory Systems	Prof. P K Ray	IITKGP	3	UG/PG
659	Management	Advanced Financial Instruments for Sustainable Business and Decentralized Markets	Prof. Abhinava Tripathi	IITK	3	UG/PG
660	Management	Business Forecasting	Prof. Pankaj Dutta	IITB	2	UG/PG
661	Management	Business Fundamentals for Entrepreneurs (Part 2: External Operation)	Prof. Devdip Purkayastha	IITB	1	UG/PG
662	Management	Multivariate Procedures with R	Prof. Narendra K Sharma	IITK	3	PG

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663	Metallurgical and Materials Engineering	Corrosion Protection Methods	Prof. Kallol Mondal	IITK	2	UG
664	Metallurgical and Materials Engineering	Transport Phenomena in Materials	Prof. G. Phanikumar	IITM	3	PG
665	Metallurgical and Materials Engineering	Introduction To Crystal Elasticity And Crystal Plasticity	Prof. Swarup Bag	IITG	2	UG/PG
666	Metallurgical and Materials Engineering	Defects in Crystalline Solids (Part-II)	Prof. Shashank Shekhar	IITK	1	UG
667	Metallurgical and Materials Engineering	Solar Photovoltaics: Principles, Technologies & Materials	Prof. Ashish Garg	IITK	2	UG/PG
668	Metallurgical and Materials Engineering	Aqueous Corrosion and Its Control	Prof. V.S. Raja	IITB	3	UG/PG
669	Metallurgical and Materials Engineering	Carbon Materials and Manufacturing	Prof. Swati Sharma	IIT Mandi	3	PG
670	Metallurgical and Materials Engineering	Cathodic Protection Engineering	Prof. V.S. Raja	IITB	1	UG/PG
671	Metallurgical and Materials Engineering	Dealing with materials data : collection, analysis and interpretation	Prof. M P Gururajan Prof. Hina Gokhale	IITB	3	PG
672	Metallurgical and Materials Engineering	Fundamentals Of Electronic Materials And Devices	Prof. Parasuraman Swaminathan	IITM	2	UG/PG
673	Metallurgical and Materials Engineering	Material Characterization	Prof.S. Sankaran	IITM	3	UG/PG
674	Metallurgical and Materials Engineering	Materials Science and Engineering	Prof. Vivek Pancholi	IITR	2	UG
675	Metallurgical and Materials Engineering	Steel Quality: Role of Secondary Refining & Continuous Casting	Prof. Santanu Kr. Ray	IITM	3	UG/PG
676	Metallurgical and Materials Engineering	Theory and Practice of Non Destructive Testing	Prof. Ranjit Bauri	IITM	2	UG/PG
677	Metallurgical and Materials Engineering	Welding Processes	Prof. Murugaiyan Amirthalingam	IITM	3	UG/PG
678	Metallurgical and Materials Engineering	Fundamentals of Material Processing - Part 2	Prof. Shashank Shekhar & Prof. Anshu Gaur	IITK	2	UG
679	Metallurgical and Materials Engineering	Diffusion in Multicomponent Solids	Prof. Kaustubh Kulkarni	IITK	3	UG/PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
680	Metallurgical and Materials Engineering	Properties of Materials (Nature and Properties of Materials : III)	Prof. Ashish Garg	IITK	2	UG
681	Metallurgical and Materials Engineering	Principles of Extractive Metallurgy	Prof. Tarun Kumar Kundu	IITKGP	3	UG
682	Metallurgical and Materials Engineering	Mechanical Behaviour of Materials (Part – I)	Prof. Shashank Shekhar / Prof. Sudhanshu Shekhar Singh	IITK	3	UG
683	Metallurgical and Materials Engineering	Surface Engineering For Corrosion And Wear Resistance Application	Prof. Indranil Manna Prof. Jyotsna Dutta Majumdar	IITKGP	3	UG/PG
684	Mining Engineering	Drilling And Blasting Technology	Prof. Kaushik Dey	IITKGP	3	UG/PG
685	Metallurgical and Materials Engineering	Mine Automation and Data Analytics	Prof. Radhakanta Koner	IIT-ISM Dhanbad	3	UG
686	Metallurgical and Materials Engineering	Crystals, Symmetry and Tensors	Prof. Rajesh Prasad	IITD	3	UG/PG
687	Ocean Engineering	Advanced design of steel structures	Prof. Srinivasan Chandrasekaran	IITM	3	PG
688	Ocean Engineering	Offshore Structures Under Special Environmental Loads Including Fire Resistance	Prof. Srinivasan Chandrasekaran	IITM	3	PG
689	Ocean Engineering	Surface Facilities for Oil and Gas Handling	Prof. Abdus Samad	IITM	3	UG/PG
690	Physics	Mathematical Methods in Physics 1	Prof. Auditya Sharma	IISER Bhopal	2	UG
691	Physics	A Brief Course On Superconductivity	Prof. Saurabh Basu	IITG	1	UG/PG
692	Physics	Advanced Condensed Matter Physics	Prof. Saurabh Basu	IITG	2	UG/PG
693	Physics	Atomic And Molecular Physics	Prof. Amal Kumar Das	IITKGP	3	UG
694	Physics	Electronic Theory Of Solids	Prof. Arghya Taraphder	IITKGP	3	UG/PG
695	Physics	Experimental Physics - II	Prof. Amal Kumar Das	IITKGP	3	UG
696	Physics	Fluid Dynamics for Astrophysics	Prof. Prasad Subramanian	IISER Pune	3	PG
697	Physics	Group Theory methods in Physics	Prof. P. Ramadevi	IITB	3	UG
698	Physics	Introduction to Atmospheric and Space Sciences	Prof. M V Sunil Krishna	IITR	3	UG/PG
699	Physics	Introduction To Statistical Mechanics	Prof. Girish S. Setlur	IITG	2	PG

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	No of Credits	Level of the Course
700	Physics	Nuclear Astrophysics	Prof. Anil Kumar Gourishetty	IITR	2	UG/PG
701	Physics	Physics of Biological Systems	Prof. Mithun Mitra	IITB	3	UG/PG
702	Physics	Physics through Computational Thinking	Prof. Auditya Sharma	IISER Bhopal	2	UG
703	Physics	Quantum Entanglement: Fundamentals, measures and applications	Prof. Amarendra Kumar Sarma	IITG	1	UG/PG
704	Physics	Quantum Mechanics I	Prof. P. Ramadevi	IITB	3	UG
705	Physics	Quantum Transport	Prof. Madhu Thalakulam	IISER Thiruvananthapuram	3	PG
706	Physics	Thermal Physics	Prof. Debamalya Banerjee	IITKGP	3	UG
707	Physics	Topology and Condensed Matter Physics	Prof. Saurabh Basu	IITG	2	PG
708	Physics	Tapestry of Field theory: Classical & Quantum, Equilibrium & Nonequilibrium Perspectives	Prof. Mahendra K. Verma	IITK	3	PG
709	Physics	Plasma Physics and Applications	Prof. M.V. Sunil Krishna	IITR	3	UG/PG
710	Physics	Coherence and Quantum Entanglement	Prof. Anand Kumar Jha	IITK	3	UG/PG
711	Physics	Advanced NMR Techniques in Solution and Solid-State	Prof. N. Suryaprakash	IISc	3	PG
712	Physics	Introduction to Quantum Field Theory (Theory of Scalar Fields) - Part 2	Prof. Anurag Tripathi	IITH	3	PG
713	Physics	Fundamentals of Attosecond Science and Technology (FAST)	Prof. Sivarama Krishnan	IITM	3	UG/PG
714	Textile Engineering	Advanced Textile Printing Technology	Prof. Kushal Sen	IITD	2	UG/PG
715	Textile Engineering	Evaluation of Textiles Materials	Prof. Apurba Das	IITD	3	UG
716	Textile Engineering	Testing of Functional and Technical Textiles	Prof. Apurba Das	IITD	2	UG/PG
717	Textile Engineering	Textile Product Design and Development	Prof. R Chattopadhyay	IITD	3	UG/PG
718	Textile Engineering	Textured Yarn Technology	Prof. Kushal Sen	IITD	3	UG/PG
719	Textile Engineering	Theory of Yarn Structure	Prof. Dipayan Das	IITD	3	UG
720	Textile Engineering	New Spinning Technologies	Prof. R Chattopadhyay	IITD	3	UG/PG

### List of January 2024 Semester Course – IGNOU

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
1	Multidisciplinary	TS-1: Foundation Course In Tourism	Dr. Sonia Sharma and Dr. Tangjakhombi Akoijam	IGNOU	UG	8
2	Multidisciplinary	TS-2: Tourism Development Products, Operations And Case Studies	Dr. Arvind Kumar Dubey and Dr. Paramita Suklabaidya	IGNOU	UG	8
3	Multidisciplinary	TS-3: Management in Tourism	Dr. Sonia Sharma	IGNOU	UG	8
4	Multidisciplinary	TS-6: Tourism Marketing	Dr. Tangjakhombi Akoijam	IGNOU	UG	8
5	Humanities and Social Sciences	ORUL-002- Basics of Russian:Communication Skills-II	Dr. Shivaji Bhaskar	IGNOU	Diploma	8
6	Language	MHD-02: आधुनिक हिन्दी काव्य	Dr. Narendra Mishra	IGNOU	PG	8
7	Language	MHD-03: उपन्यास एवं कहानी	Prof. Jitendra Kr. Srivastava	IGNOU	PG	8
8	Language	MHD-04: नाटक और अन्य गद्य विधाएँ	डॉ. रीता सिन्हा	IGNOU	PG	8
9	Language	MHD-06 : हिंदी भाषा और साहित्य का इतिहास	प्रो. स्मिता चतुर्वेदी	IGNOU	PG	8

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
10	Library and Information Sciences	BLI-011: Libraries: An introduction	Prof. Archana Shukla Prof. Zuchamo Yanthan	IGNOU	Diploma	4
11	Library and Information Sciences	BLII-012: Document Processing and Organisation	Porf. Jaideep Sharma	IGNOU	PG	4
12	Library and Information Sciences	BLII-013: Information Sources and Library Services	Prof. Archana Shukla	IGNOU	Diploma	4
13	Library and Information Sciences	BLII-014: ICT in Libraries	Prof. Uma Kanjilal	IGNOU	Diploma	4
14	Library and Information Sciences	BLI-221: Library Infromation and Society	Porf. Jaideep Sharma	IGNOU	PG	4
15	Library and Information Sciences	BLI-222: Information Sources and Services	Prof. Archana Shukla	IGNOU	PG	4
16	Library and Information Sciences	BLI-223: Organising and Managing Information	Porf. Jaideep Sharma	IGNOU	PG	4
17	Humanities and Social Sciences	BSW-41: Understanding Tribals	Dr. N. Ramya	IGNOU	Diploma	4
18	Humanities and Social Sciences	BSW-42: Tribal Society	Dr. Saumya and Dr. Sayantani Guin	IGNOU	UG	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
19	Humanities and Social Sciences	BSW-43:Tribals of South and Central India	Dr. G. Mahesh	IGNOU	Diploma	4
20	Humanities and Social Sciences	BSW-44:Tribals in North and Northeast Region of India	Prof. Rose Nembiaakkim	IGNOU	Diploma	4
21	Agricultural and Food Engineering	MNR-1: Indian Agricultural Development	Dr. Praveen Kumar Jain	IGNOU	Continuing Education	4
22	Agricultural and Food Engineering	MNR 002:Agricultural Policy: Formulation, Components, Process, Implementation and Comparative Analysis	Dr. Praveen Kumar Jain	IGNOU	PG	4
23	Agricultural and Food Engineering	MNRE 015: Cooperatives and Farmers' Organizations	Dr. Praveen Kumar Jain	IGNOU	PG	4
24	Agricultural and Food Engineering	MNRE 016:Project Analysis	Dr. Praveen Kumar Jain	IGNOU	PG	4
25	Multidisciplinary	BHC-013: Event Coordination and Control	Dr. Meenu Verma	IGNOU	UG	4
26	Agricultural and Food Engineering	Introduction to Poultry Farming	Dr. P. Vijayakumar	IGNOU	Continuing Education	2

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
27	Biological Sciences & Bioengineering	Sustainable Management of Biodiversity	Prof. Shachi Shah	IGNOU	Diploma	4
28	Teacher Education	Design and Facilitation of E-Learning Courses	Dr. G. Mythili	IGNOU	Diploma	4
29	Library and Information Sciences	Database and Content Organisation	Prof. V. V. Subrahmanyam	IGNOU	Diploma	4
30	Multidisciplinary	MSD-011: Sustainability Science	Dr. Y.S.C. Khuman	IGNOU	PG	4
31	Multidisciplinary	MSD-016: Strategies and Models for Sustainability	Dr. Y.S.C. Khuman and Dr. Rita Chauhan	IGNOU	PG	4
32	Multidisciplinary	MSD-017: Challenges to Sustainable Development	Dr. Deeksha Dave and Dr. Y.S.C. Khuman	IGNOU	PG	4
33	Metallurgy and Material science & Mining Engineering	Material Science	Dr. Shashank Shrivastava	IGNOU	UG	3
34	Multidisciplinary	MJM-024: Media, Information and Empowerment	Prof. K. S. Arul Selvan	IGNOU	PG	4
35	Multidisciplinary	MJM028: Digital Media	Prof. K. S. Arul Selvan	IGNOU	PG	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
36	Multidisciplinary	MJM029: Advertising and Public Relations	Ms. Padmini Jain	IGNOU	PG	4
37	Management Studies	MS-21: Social Processes and Behaviour Issues	Dr. Nayantara Padhi	IGNOU	PG	6
38	Teacher Education	MDE-518: Educational Communication Technologies	Dr. G. Mythili	IGNOU	PG	8
39	Mechanical Engineering	BME-025: Condition Monitoring and Maintenance Management	Prof. N. Venkateshwarlu	IGNOU	UG	2
40	Multidisciplinary	OEY-002: Renewable Energy Technology and Their Uses	Prof. Sanjay Agarwal	IGNOU	Certificate	4
41	Humanities and Social Sciences	MHD-01: आदिकालीन एवं मध्यकालीन हिन्दी काव्य	Dr. Rita Sinha	IGNOU	PG	4
42	Humanities and Social Sciences	MHD-07: भाषा विज्ञान और हिन्दी भाषा	प्रो. नरेंद्र मिश्र	IGNOU	PG	4
43	Multidisciplinary	TS-4: Indian Culture: Perspective for Tourism	Dr. Arvind Kumar Dubey	IGNOU	UG	8
44	Multidisciplinary	TS-5: Ecology, Environment and Tourism	Dr. Paramita Suklabaidya	IGNOU	UG	8

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
45	Library and Information Sciences	BLIE-226 Management of Library and Information Centre	Prof. Archana Shukla	IGNOU	PG	4
46	Library and Information Sciences	BLIE-227 Document Processing Practice	Prof. Uma Kanjilal	IGNOU	PG	4
47	Library and Information Sciences	BLIE-228 Information Products and Services	Prof. Archana Shukla and Dr. Pawan Kumar Saini	IGNOU	PG	4
48	Library and Information Sciences	BLIE-229 ICT in Libraries	Prof. Uma Kanjilal	IGNOU	UG	4
49	Teacher Education	Selection and Integration of Technology in Educational Processes	Dr. Ajit Kumar C.	IGNOU	Diploma	6
50	Multidisciplinary	Ethics: Theories and Applications	Prof. Nandini Sinha Kapur	IGNOU	Certificate	4
51	Multidisciplinary	Introduction to Climate Change	Dr. V. Venkat Raman	IGNOU	PG	4
52	Multidisciplinary	Communication and Extension for Sustainable Development	Prof. Heena K. Bijli	IGNOU	PG	4
53	Humanities and Social Sciences	Indian Poetics	Prof. Ami Upadhyay	BAOU, Ahmedabad, Gujrat	Certificate	4
54	Language	BMYLA-135 : Modern Indian Language: Malayalam	Dr. Malathy A	IGNOU	Certificate	6

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
55	Humanities and Social Sciences	MSO-003: Sociology of Development	Dr. Deepak Paliwal	IGNOU	PG	8
56	Humanities and Social Sciences	MSO-004: Sociology in India	Dr. Deepak Paliwal	IGNOU	PG	8
57	Humanities and Social Sciences	MHD-14 Hindi Upanyas-1 (Premchand Vishesh)	प्रो. नरेंद्र मिश्र	IGNOU	PG	4
58	Humanities and Social Sciences	MHD-15 Hindi Upanyas-2	डॉ. रीता सिन्हा	IGNOU	PG	4
59	Multidisciplinary	TS-7: Human Resource Development	Dr. Jatashankar Tewari	IGNOU	PG	8
60	Education	MDE-412: Instructional Design	Dr. Anita Priyadarshini	IGNOU	PG	6
61	Multidisciplinary	Skill Development of the youths and their Livelihood	Dr. Ritimoni Bordoloi	KKHSOU, Guwahati	Certificate	4
62	Language	OUL - 003 History of Urdu Language & Literature	Dr. Ahmad Ali Jauher	IGNOU	Diploma	8
63	Language	OULE - 001 Contemporary Urdu Poetry	Dr. Liaqat Ali	IGNOU	Diploma	4
64	Language	OULE - 002 Contemporary Urdu Fiction	Dr. Dharmveer Singh	IGNOU	Diploma	4
65	Continuing Education	Satat Vikas ke Liye Sampreshan evam Vistar	Dr. Suman Singh	IGNOU	PG	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
66	Teacher Education	BES-143: Pedagogy of Mathematics	Dr. Anjali Suhane	IGNOU	UG	4
67	Language	BSKC-102: Sanskrit Sahitya ka Allochanatmak Vishleshan	Prof. Kaushalya	IGNOU	Diploma	6
68	Multidisciplinary	Development of Online Courses for SWAYAM	Dr. Jeetendra Pande	UOU, Haldawani	UG	0
69	Multidisciplinary	MSD 019: Global Strategies to Sustainable Development	Dr. Y. S. C. Khuman	IGNOU	PG	4
70	Journalism	Media and Information Literacy for Techers	Prof. K. S. Arul Selvan	IGNOU	UG	4
71	Humanities (Language)	Assamese Poetry: From Ancient to Modern Period	Prof. Pranjit Bora	KKHSOU, Guwahati	UG	4
72	Multidisciplinary	MJM024: Media, Information and Empowerment (Tamil)	Prof. K S Arul Selvan	IGNOU	PG	4
73	Multidisciplinary	MJM024: Media, Information and Empowerment (Hindi)	Dr. Ramesh Yadav & Dr. Amit Kumar	IGNOU	PG	4
74	Language	MEG-07: Indian English Literature	Dr. Anamika Shukla	IGNOU		8
75	Multidisciplinary	Domestic Equipment Maintenance	Dr. Antara Mahanta Barua	KKHSOU, Guwahati	Diploma	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
76	Sociology	Sociology of Health and Illness	Dr Gargi Gayan	KKHSOU, Guwahati	Certificate	4
77	Humanities and Social Sciences	Essentials of Indian Philosophy	Dr. Bhaskar Bhattacharyya, Dr. Tejasha Kalita	KKHSOU, Guwahati	UG	4
78	Education/Teacher Education	Reading and Reflecting on Text	Dr. Papiya Upadhyay	NSOU, Kolkata	UG	2
79	Energy and Environmental Engg. Department	Emerging Technologies in Renewable Energy Sources	Dr Sanjay Agrawal, Dr. Manoj Verma	CSVТУ, Bhillai	Diploma	4
80	Energy and Environmental Engg. Department	Power Generation Technologies	Dr Sanjay Agrawal; Dr Harish Ku Ghrilahre	CSVТУ, BHILAI	Diploma	4
81	Department of Mining Engineering	Elements of Underground and Opencast Mining	Dr P.K.Ghosh; Govinda Gahine; Himanshu Sahu	CSVТУ, BHILAI	Diploma	4
82	Biomedical and Bioinformatics Department	Fundamentals of Computational Biology	Dr Tanushree Chatterjee; Dr R G Brajesh	CSVТУ, BHILAI	Diploma	4
83	Biomedical Engineering and Bioinformatics Department	Genetic Engineering and Its Recent Advancements	Dr Tanushree Chatterjee; Dr. Sharmistha Banerjee	CSVТУ, BHILAI	Diploma	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
84	Biomedical Engineering and Bioinformatics Department	Computational Protein Modeling and Analysis	Prof. Dr. M. K. Verma; Dr Ashish Patel	CSVTU, BHILAI	Diploma	4
85	Humanities and Social Sciences	ORU-001- Basics of Russian: Communication Skills-I	Dr. Shivaji Bhaskar	IGNOU	Diploma	8
86	Language	BAL-001: Basics Of Arabic	Dr. Mohammad Saleem	IGNOU	Diploma	8
87	Language	BAL-002: Communication Skills (Arabic)	Dr. Mohammad Saleem	IGNOU	Diploma	8
88	Computer Science and Engineering	CIT-001: Fundamentals of Computer Systems	Dr. Mangala Prasad Mishra	IGNOU	UG	4
89	Computer Science and Engineering	CIT-002: Introduction to Information Technology	Shri. Akshay Kumar	IGNOU	UG	4
90	Computer Science and Engineering	CIT-003: Web Based Technologies and Multimedia Applications	Prof. P. Venkata Suresh	IGNOU	UG	4
91	Library and Information Sciences	BLI-224: ICT Fundamentals	Prof. Uma Kanjilal	IGNOU	PG	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
92	Library and Information Sciences	BLI-225: Communication Skills (Library Information Science)	Prof. Zuchamo Yanthan	IGNOU	PG	4
93	Multidisciplinary	BHC-011: Basics of Event Management	Prof. Heena K Bijli	IGNOU	UG	4
94	Multidisciplinary	BHC-012: Event Planning	Prof. Heena K Bijli	IGNOU	UG	4
95	Agricultural and Food Engineering	Food laws and standards	Dr. Mitasinhmahapatra	IGNOU	Diploma	4
96	Agricultural and Food Engineering	Certificate course in Environmental Sustainability	Dr. M. Rajesh	IGNOU	Diploma	4
97	Agricultural and Food Engineering	Awareness Programme on Solar Water Pumping System	Dr. Mukesh Kumar	IGNOU	UG	0
98	Agricultural and Food Engineering	Commercial Fruit Production: Pomegranate & Guava	Dr. Madhuri Shrikant Sonawane	YCMOU, Nashik, Maharashtra	Diploma	1
99	Commerce	Introduction to GST	Dr. Anirban Ghosh	NSOU, Kolkata	Diploma	4
100	Computer Science and Engineering	Introduction to Cyber Security	Dr. Jeetendra Pande	UOU, Haldawani	UG	4
101	Library and Information Sciences	Library Automation and Digitisation	Prof. Uma Kanjilal	IGNOU	Diploma	4
102	Teacher Education	BES 123: Teaching and Learning	Dr. Anjuli Suhane	IGNOU	UG	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
103	Teacher Education	BES 141: Pedagogy of Science	Dr. Anjali Suhane	IGNOU	UG	4
104	Teacher Education	BES-125: Understanding Disciplines and Subjects	Dr. Niradhar Dey	IGNOU	UG/PG	2
105	Multidisciplinary	MSD-012: Ecosystem and Natural Resources	Dr. Y.S.C. Khuman and Dr. Jagdamba Prasad	IGNOU	PG	4
106	Mechanical Engineering	Thermodynamics & its Application	Dr. Shweta Tripathi	IGNOU	UG	2
107	Electrical, Electronics and Communications Engineering	Electricity & Safety Measures	Prof. Rakhi Sharma	IGNOU	Diploma	4
108	Mechanical Engineering	Energy Resources and conversion processes	Dr. Shweta Tripathi	IGNOU	Diploma	4
109	Electrical, Electronics and Communications Engineering	Principle of Electrical Sciences	Prof. Sanjay Agrawal	IGNOU	UG	4
110	Mechanical Engineering	Quality Engineering & Management	Prof. N.Venkateshwarlu	IGNOU	UG	4
111	Civil Engineering	Pollutants and Water Supply	Dr. Anuj Kumar Purwar	IGNOU	UG	4
112	Civil Engineering	Concrete Technology	Dr. Munish Bharadwaj	IGNOU	Diploma	2

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
113	Mechanical Engineering	CAD/CAM Computer Aided Design / Computer Aided Manufacturing	Prof. K.T. Mannan	IGNOU	Diploma	2
114	Commerce	BCOC-131- Financial Accounting	Dr. N. Rajendra Prasad	IGNOU	UG	6
115	Commerce	MCO-05-Accounting for Managerial Decisions	Dr. N. Rajendra Prasad	IGNOU	PG	6
116	Humanities and Social Sciences	BMS001: Introduction to NGO Management	Prof. Neeti Agrawal and Prof. Nayantara Padhi	IGNOU	Diploma	4
117	Management Studies	MS 2: Management of Human Resources	Prof. Nayantara Padhi	IGNOU	PG	6
118	Environmental Sciences	MEV-002: Environmental Occupational Hazards	Dr. Sushmitha Baskar and Prof. Boyina Rupini	IGNOU	Certificate	4
119	Environmental Sciences	MEVE-001: Environmental Impact Assessment for Environmental Health	Prof. Boyina Rupini and Dr. Sushmitha Baskar	IGNOU	Certificate	4
120	Commerce	BCOE-141: Principles of Marketing	Dr. Anupriya Pandey	IGNOU	UG	6

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
121	Commerce	BCOS-183: Computer Application in Business	Prof. Subodh Kesharwani	IGNOU	UG	4
122	Commerce	MCO-03: Research Methodology and Statistical Analysis	Prof. Subodh Kesharwani	IGNOU	PG	6
123	Management Studies	BMS-002: Management Functions	Prof. Neeti Agrawal and Prof. Nayantara Padhi	IGNOU	Certificate	4
124	Management Studies	BCOC-132: Business Organisation and Management	Prof. Nawal Kishor	IGNOU	UG/PG	6
125	Humanities and Social Sciences	BEDS-001: Overview and Perspectives of Values	Dr. Grace Don Nemching	IGNOU	Certificate	4
126	Humanities and Social Sciences	BGSE-001: Gender Sensitisation: Society, Culture and Change	Prof. Nilima Srivastav and Dr. G. Uma	IGNOU	Diploma	8
127	Humanities and Social Sciences	BFLI 001: PARLER DE SOI / Talking About Oneself (French)	Dr. Deepanwita Srivastava	IGNOU	Diploma	3
128	Civil Engineering	ET-523 C: Repair and Maintenance of Buildings	Dr. M.K. Bhardwaj	IGNOU	UG/PG	3
129	Humanities and Social Sciences	BEDS-002: Socio-Psychological Basis	Dr. Grace Don Nemching	IGNOU	Certificate	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
130	Humanities and Social Sciences	BFLI-002: FRENCH Échanger / Interactions (French)	Dr. Deepanwita Srivastava	IGNOU	Diploma	3
131	Teacher Education	BES-127:Assessment for Learning	Dr. Niradhar Dey	IGNOU	UG	4
132	Language	Mandarin (Chinese) for beginners	Dr. Deepanvita Srivastava	IGNOU	Diploma	4
133	Multidisciplinary	Cyber Security, Tools, Techniques and Counter Measures	Prof. Dr. Nilesh K Modi	BAOU, Ahmedabad, Gujrat	Certificate	4
134	Multidisciplinary	Android Mobile Application Development	Dr. Himanshu N. Patel	BAOU, Ahmedabad, Gujrat	Certificate	4
135	Commerce	BCOS-184 E-Commerce	Prof. Subodh Kesharwani	IGNOU	PG	4
136	Civil Engineering	ET 581 B -Inventory and Store Management in Construction Industry	Prof. Ashish Agrwal	IGNOU	Certificate	2
137	Education	BESC-132: Structure and Management of Education	Dr. Ajay Kumar Singh	IGNOU	UG	6
138	Education	BES-121: Childhood and Growing Up	Dr. Elizabeth Kurruvilla	IGNOU	UG	4
139	Computer Science	Digital Forensics	Dr. Jeetendra Pandey	UOU, Haldawani	PG	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
140	Interdisciplinary	BGS-011: Understanding Gender and Law	Dr. Smita M. Patil and Dr. Gurmeet Kaur	IGNOU	Certificate	4
141	Multidisciplinary	BFDI-072: Basics of Pattern Making and Sewing	Prof. A. K. Gaba assisted by Dr. Divya Ojha (Academic Associate)	IGNOU	Certificate	4
142	Law	CPI-101: Consumer Protection Legislation	Dr. Gurmeet Kaur	IGNOU	Certificate	4
143	Commerce	BCOC-134 Business Mathematics and Statistics	Dr. Anupriya Pandey	IGNOU	UG	6
144	Commerce	BCOC-136 Income Tax Law and Practice	Dr. Madhulika P. Sarkar	IGNOU	UG	6
145	Commerce	BCOLA-138 Business Communication	Dr. Rashmi Bansal	IGNOU	UG	6
146	Language	BSL-001: Basics of Spanish Language and Culture-I	Vikash Kumar Singh	IGNOU	UG	8
147	Multidisciplinary	Research Ethics and Plagiarism	Dr. Gaurav Singh	Central University of Haryana	PG	2
148	Health Sciences	CFN-1 You and Your Food	Prof. Deeksha Kapur	IGNOU	Certificate	6
149	Health Sciences	CFN-2 Your Food and Its Utilization	Prof. Deeksha Kapur	IGNOU	Certificate	6
150	Health Sciences	CFN-3 Economics of Food	Prof. Deeksha Kapur	IGNOU	Certificate	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
151	Language	BSL-002 Basics of Spanish Language and Culture-II	Dr. Vikash Kumar Singh	IGNOU	Certificate	8
152	Education	BESC-131: Education: Concept, Nature and Perspectives	Dr. Niradhar Dey	IGNOU	UG	6
153	Multidisciplinary	Enhancing Study Skills	Dr. P. Lakshmi; Dr. G. Mythili	IGNOU	UG	2
154	Language	DCE- 01: General Principles of Writing	Dr. Anamika Shukla and Dr. Rajesh Kumar	IGNOU	Diploma	4
155	Language	DCE- 02: Feature Writing	Dr. Rajesh Kumar; Dr. Anamika Shukla	IGNOU	Diploma	4
156	Language	DCE- 03: Short Story	Dr. Rajesh Kumar; Dr. Anamika Shukla	IGNOU	Diploma	4
157	Language	DCE- 04: Writing for Media: Radio and Television	Dr. Rajesh Kumar; Dr. Anamika Shukla	IGNOU	Diploma	4
158	Language	DCE- 05: Writing Poetry	Dr. Anamika Shukla and Dr. Rajesh Kumar	IGNOU	Diploma	4
159	Language	BSKLA-135: Sanskrit Bhasha aur Sahitya	Dr. Soniya	IGNOU	UG	6
160	Psychology	BPCE-145: Counselling Psychology	Prof. Swati Patra and Dr. Ashwini Kumar	IGNOU	UG	6
161	Psychology	Statistics in Psychology	Dr. Ashwini Kumar and Prof. Suhas Shetgovekar	IGNOU	UG	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
162	Commerce	BCOC-133: Business Law	Dr. N. Rajendra Prasad	IGNOU	UG	6
163	Education	Foundations of Heutagogy	Dr. Papiya Upadhyay	NSOU, Kolkata	UG	0
164	Multidisciplinary	Introduction to Online Learning in Higher Education	Dr. Ashish Kumar Awadhiya	IGNOU	UG	0
165	Multidisciplinary	Research and Publication Ethics (RPE)	Prof. Anirban Ghosh	NSOU, Kolkata	PG	2
166	Education	Guidance and Counselling in Schools	Dr. Pranab Saikia	KKHSOU, Guwahati	UG	4
167	Management Studies	BCOE-144 Office Management and Secretarial Practices	Prof. Subodh Kesharwani	IGNOU	UG	6
168	Teacher Education	BES-122: Contemporary India and Education	Dr. Niradhar Dey and Dr. Neel Kamal Sharan	IGNOU	UG	4
169	Certificate	Introduction to Virtual Reality	Dr R C Sharma	Dr B R Ambedkar University Delhi, New Delhi	UG	4
170	Multidisciplinary	Introduction to Functional English	Dr. Prasenjit Das	KKHSOU, Guwahati	UG	4
171	Education	School Management and Leadership	DR. Pranab Saikia, Dr. Arunima Borah	KKHSOU, Guwahati	UG	4
172	Biomedical and Bioinformatics Department	Biomedical Instrumentation & Sensors	Dr. Piyush Loti & Thaneshwar Ku Sahu	CSVТУ, Bhilai	Diploma	4

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
173	Computer Science and Engineering	Data Structure using C Programming	Dr Dipti Verma, Mr Aditya Tiwari	CSVТУ, Bhilai	Diploma	4
174	Computer Science and Engineering	Artificial Intelligence using Prolog Programming	Mr Ankit Arora, Dr.Madhuri Gupta	CSVТУ, Bhilai	Diploma	4
175	Computer Science and Engineering	Image Processing Using Python	Dr Dipti Verma, Mrs. Bharati Patel	CSVТУ, Bhilai	Diploma	4
176	Industrial Safety and Fire Safety Department	Safety In Construction Industry	Dr P.K.Ghosh; Mr. Kundan Chandrakar	CSVТУ, BHILAI	Diploma	4
177	Industrial Safety and Fire Safety Department	Industrial Safety And Fire Safety Management	Dr P.K.Ghosh; Mrs. Annapurna Adiley	CSVТУ, BHILAI	Diploma	4
178	Microelectronics and VLSI	Digital electronic and System design	Dr Saji Chako, Dr Amit Singh Rajput	CSVТУ, BHILAI	Diploma	4
179	Microelectronics and VLSI	Fundamental of Electronic Engineering	Mr. Abhijeet Lal, Dr. Onika Parmar	CSVТУ, BHILAI	Diploma	4
180	Energy and Environmental Engg. Department	Basic Principles of Energy Management & Energy Audit	Dr. R N Patel, Akhilesh Kumar Tiwari	CSVТУ, BHILAI	Diploma	4
181	Computer Science and Engineering	Web Technology	Dr. Ashutosh Kumar Bhatt	UOU, Haldwani	UG	4
182	Language	MEG-03: British Novel	Dr. Malathy A	IGNOU	PG	8

Sr. No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University /Institute	Level of the Course	No of Credits
183	Language	MEG-05: Literary Criticism & Theory	Dr. Rajesh Kumar	IGNOU	PG	8
184	Language	MEG-10: English Studies in India	Prof Parmod Kumar	IGNOU	PG	8
185	Language	MEG-06: American Literature	Dr. Mridula Rashmi Kindo	IGNOU	PG	8
186	Language	MEG-13: Writings from the Margins	Dr. Mridula Rashmi Kindo	IGNOU	PG	4
187	Commerce	Micro Economics for Business	Dr. Sumit Prasad	UOU, Haldwani	UG	4
188	Multidisciplinary	Digital Media Literacy	Prof. K. S. Arulselvan	IGNOU	PG	4
189	Education	BESE-141- ICT in Education	Dr. Ajith Kumar C	IGNOU	UG	4
190	Humanities and Social Sciences	Population and Society	Dr. Dola Borkataki	KKHSOU, Guwahati	UG	4
191	Multidisciplinary	Introduction to Distance and Digital Education	Dr. Ritimoni Bordoloi	KKHSOU, Guwahati	PG	4

### List of January 2024 Semester Course – IIMB

Sr. No.	Subject	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
1	Management	Platform Business Models	Srinivasan R	IIMB	PG	3
2	Management	Advanced Corporate Strategy	Srinivasan R	IIMB	PG	3
3	Management	Arts and Culture: Towards a New Management Paradigm	A Damodaran	IIMB	PG	3
4	Management	Banking and Financial Markets: A Risk Management Perspective	P C Narayan	IIMB	PG	3
5	Management	Customer Relationship Management	Shainesh G	IIMB	PG	3
6	Management	Economic foundations of Pricing	Sreelata Jonnalagedda	IIMB	PG	3
7	Management	Effective Business Communication	Bringi Dev; and Rakesh Godhwani	IIMB	PG	3
8	Management	Financial Accounting and Analysis	Padmini Srinivasan	IIMB	PG	3
9	Management	Introduction to Banking and Financial Markets	P C Narayan	IIMB	PG	3
10	Management	Introduction to Managerial Economics	Subhashish Gupta	IIMB	PG	3
11	Management	Managing Innovation	Rishikesha Krishnan; and Vinay Dabholkar	IIMB	PG	3
12	Management	New Product Development	Ganesh Prabhu	IIMB	PG	3
13	Management	Operation Management	B Mahadevan	IIMB	PG	3
14	Management	Predictive Analytics	Dinesh Kumar	IIMB	PG	3
15	Management	Quantitative Marketing Research	Prithwiraj Mukherji	IIMB	PG	3
16	Management	Services Marketing: Concepts & Applications	Shainesh G	IIMB	PG	3
17	Management	Strategic Management	PD Jose; Rejie George; and Sai Yayavaram	IIMB	PG	3
18	Management	Valuation and Creating Sustainable value	Padmini Srinivasan	IIMB	PG	3
19	Management	Brand Management	Preeti Krishnan Lyndem	IIMB	PG	3
20	Management	Concepts and Applications in Engineering	Venkata Raghavan,Dr. Vinayak Rajat Bhat,B. Mahadevan	IIMB	PG	4
21	Management	Concepts and Applications in Science	Venkata Raghavan,Dr. Vinayak Rajat Bhat,B. Mahadevan	IIMB	PG	4

Sr. No.	Subject	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
22	Management	Humanities and Social Sciences.	Venkata Raghavan,Dr. Vinayak Rajat Bhat,B. Mahadevan	IIMB	PG	4
23	Management	People Management for Entrepreneurs	Vasanthi Srinivasan	IIMB	PG	3
24	Management	Foreign Exchange market	P C Narayan	IIMB	PG	3
25	Management	Organizational Design	Sourav Mukherji	IIMB	PG	3
26	Management	Equity Stock Market	P C Narayan	IIMB	PG	3
27	Management	Marketing Management	Ashis Mishra	IIMB	PG	3
28	Management	Macroeconomics	Rupa	IIMB	PG	3
29	Management	Family Business	Prof Kumar & Prof Dalhia	IIMB	PG	0
30	Management	Foundations of Digital Business	Prof Rahul De and Others	IIMB	PG	3
31	Management	Foundation of Data Science	Dinesh Kumar	IIMB	PG	3
32	Management	Innovation and Start up policy	Rahul Mishra	IIMB	PG	3
33	Management	Business Environment	Chhavi Jain	IIMB	PG	4
34	Management	Consumer Buyer Behaviour	Ashish Hathi	IIMB	PG	3
35	Management	Continuous Quality Improvement: Tools and Techniques	Sanjeev Singh	IIMB	PG	4
36	Management	Total Productive Maintenance	Anil Kumar Srivastava	IIMB	PG	4
37	Management	Design Thinking	Rajeshwari Patil	IIMB	PG	0
38	Management	Foundations of Marketing Essentials	Bharti Singh	IIMB	PG	4
39	Management	Quantitative and Mixed Methods Research for Management	R N Subuddhi & Prof Sumita Mishra	IIMB	PG	3
40	Management	Health care Communication	Deepthi	IIMB	PG	3
41	Management	Prescriptive Analytics	Rajluxmi	IIMB	PG	3
42	Management	Evolution of Business and Market	Pratikraj	IIMB	PG	3
43	Management	Digital Marketing	Shainesh	IIMB	PG	3
44	Management	Infrastructure	Raghuram	IIMB	PG	3
45	Management	Advanced Product Quality Planning(APQP)	Shishir Bharadwaj	IIMB	PG	3
46	Management	Production Part Approval Process (PPAP)	Shishir Bharadwaj	IIMB	PG	4
47	Management	Understanding Organizational Behaviour	Sanjay Singh	IIMB	PG	3

Sr. No.	Subject	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
48	Management	Advanced Topics in Organizational Behaviour	Sanjay Singh	IIMB	PG	3
49	Management	Behavioural Finance	Shikta Singh	IIMB	PG	3
50	Management	Banking and Insurance	Ruchi Jain	IIMB	PG	4
51	Management	Money, Banking & Financial Markets	Dr. Sujata Kar	IIMB	PG	3
52	Management	B2B Marketing	Dr. Binod Kumar Sinha, Prof. Dhananjay Kulkarni and Prof. Rajkiran Pund.	IIMB	PG	0
53	Management	Business Negotiations	Dr. Ginni Chawla	IIMB	PG	3
54	Management	Business Communication	Preetham K	IIMB	PG	4
55	Management	Gamification as a Business Strategy	Dr manish Kumar Srivastava, Dr Vedha Bala Ji, Dr Nishant Kumar	IIMB	PG	3
56	Management	HR Analytics Using Excel	Dr. Subbulakshmi Somu	IIMB	PG	3
57	Management	New Age Business Models	K. Ganesh	IIMB	PG	3

**List of January 2024 Semester Course – UGC**

S.N.	Subject	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
1	Buddhist Studies	<b>History of Indian Buddhism</b>	Prof. K.T.S. Sarao, Former Professor, Department of Buddhist Studies, University of Delhi, Delhi	Central Institute of Higher Tibetan Studies (CIHTS), Sarnath, Varanasi	UG and PG Both	4
2	Buddhist Studies	<b>Abhidhamma (Pali)</b>	Prof. Bimalendra Kumar, Professor, Department of Pāli and Buddhist Studies, Banaras Hindu University, Varanasi	Central Institute of Higher Tibetan Studies (CIHTS), Sarnath, Varanasi	UG and PG Both	4
3	Buddhist Studies	<b>Buddhist Philosophy</b>	Prof. Pradeep Prabhakar Gokhale, Former Professor, Department of Philosophy, Savtribai Phule Pune University, Pune	Central Institute of Higher Tibetan Studies (CIHTS), Sarnath, Varanasi	UG and PG Both	4

S.N.	Subject	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
4	Buddhist Studies	<b>Buddhist Tourism</b>	Dr. Shrikant Ganvir Assistant Professor, Department of Ancient Indian History, Culture and Archaeology, Deccan College Post-Graduate and Research Institute, (Deemed to be University), Pune)	Central Institute of Higher Tibetan Studies (CIHTS), Sarnath, Varanasi	UG and PG Both	4

**List of January 2024 Semester Course – AICTE**

S.N.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
1	Multidisciplinary	Yoga for Ego Management	Dr Divya B R	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
2	Multidisciplinary	Yoga for IQ Development	Dr Jincy Sundaran	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
3	Multidisciplinary	Yoga for Eye Sight Improvement	Dr Soubhagyalaxmi	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
4	Multidisciplinary	Yoga for Anger Management	Dr Arundhati Goley	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
5	Multidisciplinary	Yoga for Concentration	Dr Apar Saoji	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
6	Multidisciplinary	Yoga for Memory Development	Dr Deepeshwar Singh	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
7	Multidisciplinary	Yoga for Physical Stamina	Dr Vikas Rawat	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
8	Multidisciplinary	Yoga for Voice Culture	Dr Arundhati Goley	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
9	Multidisciplinary	Yoga for Creativity	Dr Ganga K V	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
10	Multidisciplinary	Yoga for Stress Management	Dr Rajesh Nair	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
11	Multidisciplinary	Yoga Volunteers for Diabetes Management Part 1	Dr Vidyashree M	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
12	Multidisciplinary	Yoga Volunteers for Diabetes Management Part 2	Dr Vidyashree M	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4

S.N.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
13	Multidisciplinary	Yoga Volunteers for Hypertension / Heart Disease Part 1	Dr Ranjita R	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
14	Multidisciplinary	Yoga Volunteers for Hypertension / Heart Disease Part 2	Dr Ranjita R	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
15	Multidisciplinary	Yoga Volunteers for Palliative Care - Part 1	Dr Ritesh C	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
16	Multidisciplinary	Yoga Volunteers for Palliative Care - Part 2	Dr Ritesh C	Swami Vivekananda Yoga Anusandhana Samsthana (SVYASA)	UG	4
17	Multidisciplinary	Introduction to Intellectual Property	Prof. Gouri Gargate, KAPILA IPR committee	IIT Kharagpur	UG & PG	3
18	Multidisciplinary	Basics of Remote Sensing GIS & GNSS and its Applications_July 2023	Dr. Poonam Seth Tiwari	Indian Institute of Remote Sensing	UG & PG	4

### List of January 2024 Semester Course – NITTTR

Sr.No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
1	Teacher Education	Internet of Things: Design Concepts and Use Cases	Prof. Maitreyee Dutta	NITTTR	PG / UG	2
2	Teacher Education	PLC and Microcontroller (Instruction Medium: Hindi)	Dr. Ritula Thakur	NITTTR	PG /UG	3
3	Teacher Education	Virtual Education	Prof. Maitreyee Dutta	NITTTR	Continuing Education	3
4	Teacher Education	Resilient Pedagogy	Dr. Urmila Kar	NITTTR	Continuing Education	2
5	Teacher Education	Institutional Management for Entrepreneurship	Dr. Suresh Kumar Dhameja	NITTTR	Continuing Education	3
6	Teacher Education	3D Printing and Design for Educators	Dr. Sharad K. Pradhan	NITTTR	PG / UG	2
7	Teacher Education	Clean, Green and Sustainable Technology	Dr E.S.M Suresh	NITTTR	Continuing Education	3
8	Teacher Education	Developing Academic Management & Leadership	Prof Aashish Deshpande	NITTTR	Continuing Education	2
9	Teacher Education	Academic Leadership in Cross cultural context of Higher Educational Institutions	Dr. E.S.M. Suresh	NITTTR	Continuing Education	3
10	Teacher Education	Intellectual Property Rights	Dr. P.K.Purohit	NITTTR	PG	3
11	Teacher Education	English for Research Paper Writing	Dr. K. N. Shobha	NITTTR	PG	3
12	Teacher Education	Institutional Management for Entrepreneurship	Prof. S K Dhameja and Prof. Niraj Bala	NITTTR	Continuing Education	3
13	Teacher Education	Teaching & Learning (TL) Practices for Python Programming	Dr. V. Shanmuganeethi	NITTTR	PG / UG	2
14	Teacher Education	Research Methodology and IPR	Dr. G. Janardhanan	NITTTR	PG	3
15	Teacher Education	Outcome Based Assessment	Dr. K. S. A. Dinesh Kumar	NITTTR	Continuing Education	2
16	Teacher Education	UAV in Engineeirng Applications	Dr. R. Balasubramanian	NITTTR	PG	3
17	Teacher Education	National Education Policy and Institutional Building	Dr. G. Janardhanan	NITTTR	Continuing Education	1

Sr.No.	Subject / Discipline	Course Title	Name of the Course Coordinator	Host University/Institute	Level UG/PG	No of credit of the course
18	Teacher Education	Innovation Driven Entrepreneurship	Dr. K.S. Giridharan	NITTTR	PG	3
19	Teacher Education	Mentoring and Counselling Skills for teachers	Dr. S. Renukadevi	NITTTR	Continuing Education	3
20	Teacher Education	Gati Shakti National Masterplan for Multi-modal Connectivity	Dr. Vinod Kumar	NITTTR	Continuing Education	2
21	Teacher Education	Electric Vehicle Technology for Academia	Dr. Rathy and Dr. Suja Mani Malar	NITTTR	PG	2
22	Teacher Education	ICT in teaching and Learning	Prof. Ravi Kapoor	NITTTR	PG	2
23	Teacher Education	Basic Instructional Methods	Prof. Susan S. Mathew	NITTTR	PG	3
24	Teacher Education	Advanced Instructional Methods	Prof. Asmita A. Khajanchee	NITTTR	PG / UG	3
25	Teacher Education	Educational Media	Dr. Sandip S Kedar	NITTTR	PG / UG	3
26	Teacher Education	Communication Skills Modes & Knowledge	Er. Amandeep Kaur	NITTTR	PG / UG	2
27	Teacher Education	Educational Video Production	Prof. Maitreyee Dutta, Dr. Shyam Sundar Pattnaik	NITTTR	Continuing Education	2
28	Teacher Education	Learning Management System_MOODLE	Dr. V. Shanmuganeethi	NITTTR	Continuing Education	3
29	Teacher Education	Guidance and Counselling	Dr. R. Rajendran	NITTTR	PG / UG	2
30	Teacher Education	Technology Enabled learning	Dr. G. Janardhanan	NITTTR	Continuing Education	3
31	Teacher Education	Student Assessment	Dr. K.S.A. Dinesh Kumar	NITTTR	Continuing Education	3
32	Teacher Education	Student Psychology	Dr. S. Renukadevi	NITTTR	PG / UG	3
33	Teacher Education	Quality Assurance through NAAC Accreditation Process	Dr. E.S.M. Suresh	NITTTR	Continuing Education	3
34	Teacher Education	E-content Development	Dr. P. Malliga	NITTTR	Continuing Education	3
35	Teacher Education	Academic and Research Report Writing	Dr. Samir Roy	NITTTR	PG / UG	3
36	Teacher Education	Entrepreneurship Development	Dr. Suresh K Dhameja	NITTTR	PG / UG	2
37	Teacher Education	Professional Ethics for Higher Education Teachers	Prof. Asmita A. Khajanchee	NITTTR	PG / UG	2
38	Teacher Education	Graphics and Animation Development	Er. Shano Solanki	NITTTR	PG	2

<b>Sr.No.</b>	<b>Subject / Discipline</b>	<b>Course Title</b>	<b>Name of the Course Coordinator</b>	<b>Host University/Institute</b>	<b>Level UG/PG</b>	<b>No of credit of the course</b>
39	Teacher Education	Fundamental of Outcome Based Curriculum	Prof. Susan S. Mathew	NITTTR	PG	3
40	Teacher Education	OER for Empowering teacher	Mr. Felix Arokiyaraj	NITTTR	PG	2