

Bouquet of MOOCs Courses(Under CSE/ISE board)

Table 1. List of certifiable courses approved for earning the extra credits under core CSE /ISE stream

Sl. No.	Name of the Subject & Instructor	Duration in Weeks	Start Date	Exam Dates	Enrolment End	Intended Audience
1	Deep Learning – IITKGP Prof.Prabir Kumar Biswas	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG Students
2	Introduction to Soft Computing Prof.DebasisSamanta	8 Weeks	January 18, 2021	March 12, 2021	January 25, 2021	UG Students
3	Introduction to Industry 4.0 and Industrial Internet of Things Prof.SudipMisra	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG Students
4	Reinforcement Learning Prof.BalaramanRavindran	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG/PG Students
5	AI: Constraint Satisfaction Prof. Deepak Khemani	8 Weeks	January 18, 2021	March 12, 2021	January 25, 2021	UG/PG Students
6	Privacy and Security in Online Social Media Prof.PonnurangamKumar aguru	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG/PG Students
7	Computational Geometry Prof.Amit Kumar	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG Students
8	GPU Architectures and Programming Prof.SoumyajitDey	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG Students
9	Advanced Graph Theory Prof. Rajiv Misra	8 Weeks		April 9, 2021	February 15, 2021	UG Students
10	Computational Complexity Theory Prof.RaghunathTewari	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG/PG Students
11	VLSI Physical Design Prof.IndranilSengupta	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG Students
12	Randomized Methods in Complexity Prof.NitinSaxena	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year

Table 2. List of certifiable courses approved for earning the extra credits by CSE/ISE Students under Humanities and Social Sciences (Interdisciplinary)

Sl. No.	Name of the Subject & Instructor	Duration in Weeks	Start Date	Exam Dates	Enrolment End	Intended Audience
1.	Employment Communication A Lab based course By Prof.Seema Singh	8 Weeks	January 18, 2021	March 12, 2021	January 25, 2021	UG/PG Students
2.	Emotional Intelligence, Prof.Rabindra Kumar Pradhan	8 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II Year
3.	German - I Prof.MilindBrahme	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year
4.	German - II Prof.MilindBrahme	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year
5.	Applied Statistics and Econometrics Prof. Deep Mukherjee	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year
6.	An Introduction to Microeconomics Prof.Vimal Kumar	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year

Table 3. List of certifiable courses approved for earning the extra credits by CSE/ISE Students under Management (Interdisciplinary)

Sl. No.	Name of the Subject & Instructor	Duration in Weeks	Start Date	Exam Dates	Enrolment End	Intended Audience
1.	CMOS Digital VLSI Design Prof.SudebDasgupta	8 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II Year
2.	Digital Signal Processing and its Applications Prof. V. M. Gadre	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year
3.	A brief introduction of Micro – Sensors Prof.SantanuTalukder	4 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II Year
4.	Sensors and Actuators Prof.HardikJeetendraPandya	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG Students
5.	Statistical Signal Processing Prof.Prabin Kumar Bora	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year
6.	Business Statistics Prof.Mukesh Kumar Barua	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year

7.	Business Analytics for Management Decision Prof.Rudra P Pradhan	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year
8.	Foundation Course in Managerial Economics Prof.Barnali Nag	8 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II Year
9.	Management of Field Sales Prof.JayantaChatterjee	4 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II Year
10.	Marketing Analytics Prof.SwagatoChatterjee	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year
11.	Quantum Mechanics I Prof. P. Ramadevi	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year

Table 4. List of certifiable courses approved for earning the extra credits by CSE/ISE Students under cutting edge technologies, environmental, economics and others that kindles research activities, start-ups, entrepreneurial activities etc. (Interdisciplinary)

Sl. No.	Name of the Subject & Instructor	Duration in Weeks	Start Date	Exam Dates	Enrolment End	Intended Audience
1.	Design Thinking - A Primer Prof.AshwinMahalingam Prof.BalaRamadurai	4 Weeks	February 15, 2021	April 24, 2021	February 15, 2021	UG Student above II Year
2.	Financial Statement Analysis and Reporting Prof. Anil K. Sharma	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year
3.	Financial Management for Managers Prof. Anil K. Sharma	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year
4.	Marketing Research and Analysis-II Prof. J. K. Nayak	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year
5.	Financial Institutions and Markets Prof.JitendraMahakud	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year
6.	Management of Commercial Banking Prof.JitendraMahakud	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year
7.	Consumer Behaviour Prof.Srabanti Mukherjee	8 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II Year
8.	Managing change in organizations	8 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II

	Prof. KBL Srivastava					Year
9.	Management of Inventory Systems Prof.Pradip Kumar Ray	12 Weeks	January 18, 2021	April 25, 2021	January 25, 2021	UG Student above II Year
10.	Managerial Skills for Interpersonal Dynamics Prof.SantoshRangnekar	12 Weeks	January 18, 2021	April 24, 2021	January 25, 2021	UG Student above II Year
11.	Behavioral And Personal Finance Prof.Abhijeet Chandra	8 Weeks	January 18, 2021	March 21, 2021	January 25, 2021	UG Student above II Year
12.	Introduction to Research Prof.PrathapHaridoss	8 Weeks	February 15, 2021	April 9, 2021	February 15, 2021	UG/PG Students
13.	Qualitative Research Methods And Research Writing Prof.Aradhna Malik	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG/PG Students
14.	Enhancing Soft Skills and Personality Prof. T. Ravichandran	8 Weeks	February 15, 2021	April 9, 2021	February 15, 2021	UG Students
15.	Patent Law for Engineers and Scientists Prof.Feroz Ali	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG/PG Students
16.	Patent Drafting for Beginners Prof.Feroz Ali	4 Weeks	January 18, 2021	February 12, 2021	January 25, 2021	UG Students
17.	Soft Skill Development Prof.PriyadarshiPatnaik Prof. V. N. Giri Prof. D. Suar	8 Weeks	January 18, 2021	March 12, 2021	January 25, 2021	UG Students
18.	English language for competitive exams Prof.AyshaIqbal	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG Students
19.	Intellectual Property Prof.Feroz Ali	12 Weeks	January 18, 2021	April 9, 2021	January 25, 2021	UG/PG Students