



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi**  
**Proposed list of MOOCs (NPTEL July-Dec 2022 Timeline) for B.E Degree Honours**

**Format for submission of Bouquet of MOOCs Courses**

**Table 1. List of certifiable courses approved for earning the extra credits under type**

Sl. No.	Name of the Subject & Subject Matter Expert(SME)	Duration in Weeks	Start Date	End Date	Exam Dates	Enrolment End Date
1	Artificial Intelligence : Search Methods For Problem solving Prof. Deepak Khemani	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
2	Introduction To Haskell Programming Prof. S. P Suresh	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
3	Python for Data Science Prof. Ragunathan Rengasamy	4 Weeks	Jul 25, 2022	Aug 19, 2022	Sep 25, 2022	Aug 1, 2022
4	Reinforcement Learning Prof. Balaraman Ravindran	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
5	Deep Learning for Computer Vision Prof. Vineeth N Balasubramanian	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 30, 2022	Aug 1, 2022
6	Introduction to Game Theory and Mechanism Design Prof. Swaprava Nath	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
7	Introduction to Quantum Computing: Quantum Algorithms and Qiskit Prof. Prabha Mandayam Prof. Anupama Ray Prof. Sheshashayee Raghunathan	4 Weeks	Jul 25, 2022	Aug 19, 2022	Sep 25, 2022	Aug 1, 2022
8	Advanced Distributed systems Prof. Smruti R. Sarangi	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
9	Parameterized Algorithms Prof. Neeldhara Misra Prof. Saket Saurabh	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
10	Applied Accelerated Artificial Intelligence Prof. Satyajit Das Prof. Satyadhyan Chickerur Prof. Bharatkumar Sharma Prof. Adesuyi Tosin	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022



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11	Scalable Data Science Prof. Anirban Dasgupta Prof. Sourangshu Bhattacharya	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
12	Spatial Informatics Prof. Soumya Kanti Ghosh	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
13	Algorithmic Game Theory Prof. Palash Dey	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
14	Machine Learning for Earth System Sciences Prof. Adway Mitra	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
15	Statistical learning for Reliability Analysis Prof. Monalisa Sarma	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
16	Design & Implementation of Human-Computer Interfaces Prof. Samit Bhattacharya	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022

**Table 2. List of certifiable courses approved for earning the extra credits by CSE Board Students (Interdisciplinary)**

Sl. No.	Name of the Subject & Subject Matter Expert(SME)	Duration in Weeks	Start Date	End Date	Exam Dates	Enrolment End Date
1	Patent Drafting for Beginners Prof. Feroz Ali	4 weeks	Jul 25, 2022	Aug 19, 2022	Sep 25, 2022	Aug 1, 2022
2	Developing Soft Skills and Personality Prof. T Ravichandran	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
3	Patent Law for Engineers and Scientists Prof. Feroz Ali	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
4	Business Analytics & Data Mining Modeling Using R Part II Prof. Gaurav Dixit	4 weeks	Jul 25, 2022	Aug 19, 2022	Sep 25, 2022	Aug 1, 2022
5	Business Analytics & Text Mining Modeling Using Python Prof. Gaurav Dixit	8 Weeks	Jul 25, 2022	Sep 16, 2022	Sep 25, 2022	Aug 1, 2022
6	Innovation, Business Models and Entrepreneurship Prof. Rajat Agarwal Prof. Vinay Sharma	8 Weeks	Aug 22, 2022	Oct 14, 2022	Oct 30, 2022	Aug 22, 2022



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7	Operations and supply chain management Prof. G. Srinivasan	12 Weeks	Jul 25, 2022	Oct 14, 2022	Oct 29, 2022	Aug 1, 2022
8	Design Thinking - A Primer Prof. Ashwin Mahalingam Prof. Bala Ramadurai	4 Weeks	Aug 22, 2022	Sep 16, 2022	Oct 29, 2022	Aug 22, 2022
9	Introduction to Research Prof. Edamana Prasad Prof. Prathap Haridoss	8 Weeks	Aug 22, 2022	Oct 14, 2022	Oct 29, 2022	Aug 22, 2022