



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, Belagavi
Proposed list of MOOCs (NPTEL Jan-April2022 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	Computer Aided Applied Single Objective Optimization Prof. Prakash Kotecha	12	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
2	Introduction To Process Modeling In The Membrane Separation Process Prof. Sirshendu De	4	February 21, 2022	March 18, 2022	April 23, 2022	February 21, 2022
3	Soft Nano Technology Prof. Rabibrata Mukherjee	8	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
4	Membrane Technology Prof. Kaustubha Mohanty	12	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
5	Optimization in Chemical Engineering Prof. Debasis Sarkar	12	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
6	Multiphase Flows Prof. Rajesh Kumar Upadhyay	8	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
7	Computational Fluid Dynamics Prof. Sreenivas Jayanti	12	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
8	Physical and Electrochemical Characterizations in Chemical Engineering Prof. Tamal Banerjee	8	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
9	Polymer Reaction Engineering Prof. Shishir Sinha	12	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
10	Aspen Plus® simulation software - a basic course for beginners Prof. Prabirkumar Saha	12	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022



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Table 2. List of certifiable courses approved for earning the extra credits by Chemical Engineering 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	Biochemistry Prof. Swagata Dasgupta	12	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
2	Artificial Intelligence: Knowledge Representation And Reasoning Prof. Deepak Khemani	12	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
3	Introduction to Machine Learning Prof. Balaraman Ravindran	12	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
4	An Introduction to Programming Through C++ Prof. Abhiram Ranade	12	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
5	Energy Resources, Economics and Environment Prof. Rangan Banerjee	12	January 24, 2022	April 15, 2022	April 23, 2022	January 31, 2022
6	Experimental Methods in Fluid Mechanics Prof. Pranab K. Mondal	12	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022
7	Nature and Properties of Materials Prof. Bishakh Bhattacharya	8	February 21, 2022	April 15, 2022	April 24, 2022	February 21, 2022
8	Properties of Materials (Nature and Properties of Materials : III) Prof. Ashish Garg	8	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
9	Enhancing Soft Skills and Personality Prof. T. Ravichandran	8	February 21, 2022	April 15, 2022	April 24, 2022	February 21, 2022
10	Emotional Intelligence Prof. Rabindra Kumar Pradhan	8	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
11	Speaking Effectively Prof. Anjali Gera Roy	8	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
12	Economic Growth and Development Prof. Rajshree Bedamatta	8	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
13	Human Behaviour Prof. Naveen Kashyap	8	February 21, 2022	April 15, 2022	April 23, 2022	February 21, 2022
14	Introduction to Environmental Economics "Prof. Diptimayee Nayak Prof. S. P. Singh"	12	January 24, 2022	April 15, 2022	April 24, 2022	January 31, 2022



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15	Bioengineering: An Interface with Biology and Medicine Prof. Sanjeeva Srivastava	8	January 24, 2022	March 18, 2022	March 27, 2022	January 31, 2022
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