

### Format for submission of Bouquet of MOOCs Courses

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

Sl. No.	Name of the Subject & Instructor	Duration in Weeks	Start Date	Exam Dates	Enrolment End	Intended Audience
1	Computational Fluid Dynamics Prof. SreenivasJayanti	12	18 Jan 2021	25 Apr 2021	25 Jan 2021	UG/PG
2	Membrane Technology Prof. KaustubhaMohanty	12	18 Jan 2021	24 Apr 2021	25 Jan 2021	UG/PG
3	Optimization in Chemical Engineering Prof. Debasis Sarkar	12	18 Jan 2021	24 Apr 2021	25 Jan 2021	UG
4	Soft Nano Technology Prof. Rabibrata Mukherjee	08	18 Jan 2021	21 Mar 2021	25 Jan 2021	UG/PG
5	Multiphase Flows Prof. Rajesh Kumar Upadhyay	08	18 Jan 2021	21 Mar 2021	25 Jan 2021	UG/PG
6	An Introduction to Cardiovascular Fluid Mechanics Prof. Raghvendra Gupta	04	18 Jan 2021	21 Mar 2021	25 Jan 2021	UG/PG
7	Computer Aided Applied Single Objective Optimization Prof. Prakash Kotecha	12	18 Jan 2021	24 Apr 2021	25 Jan 2021	UG/PG
8	Introduction to process modeling in the Membrane Separation Process Prof. Sirshendu De	04	15 Feb 2021	24 Apr 2021	15 Feb 2021	UG/PG
9	Polymer Reaction Engineering Prof. Shishir Sinha	12	18 Jan 2021	24 Apr 2021	25 Jan 2021	UG/PG

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

Sl. No.	Name of the Subject & Instructor	Duration in Weeks	Start Date	Exam Dates	Enrolment End	Intended Audience
1	An Introduction to Programming Through C++ Prof. Abhiram G. Ranade	12	18 Jan 2021	25 Apr 2021	25 Jan 2021	UG
2	Energy Resources, Economics and Environment Prof. Rangan Banerjee	12	18 Jan 2021	24 Apr 2021	25 Jan 2021	UG/PG
3	Experimental Methods in Fluid Mechanics Prof. Pranab K. Mondal	12	18 Jan 2021	25 Apr 2021	25 Jan 2021	UG/PG
4	Nature and Properties of Materials Prof. Bishakh Bhattacharya	08	15 Feb 2021	25 Apr 2021	15 Feb 2021	UG
5	Properties of Materials (Nature and Properties of Materials : III) Prof. Ashish Garg	08	15 Feb 2021	25 Apr 2021	15 Feb 2021	UG
6	Enhancing Soft Skills and Personality Prof. T. Ravichandran	08	15 Feb 2021	24 Apr 2021	15 Feb 2021	UG/PG
7	Emotional Intelligence Prof. Rabindra Kumar Pradhan	08	18 Jan 2021	21 Mar 2021	25 Jan 2021	UG/PG
8	English language for competitive exams Prof. Aysha Iqbal	12	18 Jan 2021	24 Apr 2021	25 Jan 2021	UG/PG