

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Department of Mechanical Engineering

Courses identified for Additional Minor Engineering Degree

MED offering Additional Minor Engineering Degree In

I. 3D Printing and design

II. Manufacturing & Robotics

III. Mechatronics & Nano technology

The list of subjects approved for Mechanical Engineering Department AY: 2021-22

List of Swayam/NPTEL courses for the award of Additional Minor Engineering in **3D Printing and design**:

S. No	Course code	Course name	Institute	Credits	Duration	Start and End date	Exam date	Link
1	noc 22-me04	Principles of Industrial Engineering	IITR	3	12 Weeks	January 24, 2022 April 15, 2022	April 24, 2022	https://onlinecourses.nptel.ac.in/noc22_me04/preview
2	noc 22-ee25	Electronics equipment integration and Prototype building	IISc	2	8 Weeks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_ee25/preview
3	noc 22-me29	Design Practice	IITK	2	8 Weeks	February 21, 2022 April 15, 2022	April 24, 2022	https://onlinecourses.nptel.ac.in/noc22_me29/preview
4	noc 22-mg32	Design Thinking - A Primer	IITM	1	4 Weeks	February 21, 2022 March 18, 2022	April 23, 2022	https://onlinecourses.nptel.ac.in/noc22_mg32/preview
5	noc 22-de04	Innovation by Design	IITB	1	4 Weeks	February 21, 2022 March 18, 2022	April 24, 2022	https://onlinecourses.nptel.ac.in/noc22_de04/preview
6	noc 22-me05	Robotics and Control : Theory	IITR	2	8 Weeks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_me05/preview

		and Practice						
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List of Swayam/NPTEL courses for the award of Additional Minor Engineering in **Manufacturing & Robotics**:

S. No	Course code	Course name	Institute	Credits	Duration	Start and End date	Exam date	Link
1	noc22-mm13	Theory and Practice of Non Destructive Testing	IITM	2	8 Weeks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_mm13/preview
2	noc22-me10	Computer Integrated Manufacturing	IITK	3	12 Weeks	January 24, 2022 April 15, 2022	April 23, 2022	https://onlinecourses.nptel.ac.in/noc22_me10/preview
3	noc22-me04	Principles of Industrial Engineering	IITR	3	12 Weeks	January 24, 2022 April 15, 2022	April 24, 2022	https://onlinecourses.nptel.ac.in/noc22_me04/preview
4	noc22-me05	Robotics and Control : Theory and Practice	IITR	2	8 Weeks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_me05/preview

List of Swayam/NPTEL courses for the award of Additional Minor Engineering in **Mechatronics & Nano technology**:

S. No	Course code	Course name	Institute	Credits	Duration	Start and End date	Exam date	Link
1	noc22-me10	Computer Integrated Manufacturing	IITK	3	12 weeks	January 24, 2022 April 15, 2022	April 23, 2022	https://onlinecourses.nptel.ac.in/noc22_me10/preview
2	noc22-me04	Principles of Industrial Engineering	IITR	3	12 Weeks	January 24, 2022 April 15, 2022	April 24, 2022	https://onlinecourses.nptel.ac.in/noc22_me04/preview

3	noc 22- ch1 1	Soft Nano Technology	IITK GP	2	8 Wee ks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_ch11/preview
4	noc 22- me1 2	Automatic Control	IITR	2	8 Wee ks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_me12/preview
5	noc 22- bt25	Nanotechn ology In Agriculture	IITK	2	8 Wee ks	February 21, 2022 April 15, 2022	April 24, 2022	https://onlinecourses.nptel.ac.in/noc22_bt25/preview
6	noc 22- me0 8	Mechanical Measureme nt System	IITR	2	8 Wee ks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_me08/preview
7	noc 22- me0 5	Robotics and Control : Theory and Practice	IITR	2	8 Wee ks	January 24, 2022 March 18, 2022	March 27, 2022	https://onlinecourses.nptel.ac.in/noc22_me05/preview



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