

Chaitanya Bharathi Institute of Technology (A)
 Department of Chemical Engineering
 AY 2023-24 July 2023 - Dec 2023 (Odd Semester)
List of NPTEL Courses for Minor Degree* (Material Science)

TIMELINE	4 (SET 1)	8 (SET 1)	12	4 (SET 2)	8 (SET 2)	
Start of Course	July 24, 2023	July 24, 2023	July 24, 2023	August 21, 2023	August 21, 2023	
End of Course	August 18, 2023	September 15, 2023	October 13, 2023	#####	October 13, 2023	
Exam Dates - 1	Sep 24, 2023 - 2 Sessions on each date (9am-12 noon; 2pm-5pm)		5pm)			
Close enrollment to the Course	July 31, 2023 - 5pm			Aug 21, 2023 - 5pm		
Open exam registration form	June 19, 2023					
Close exam registration form	Aug 18, 2023 5:00 PM			Sep 15, 2023 5:00 PM		
S.No	Course ID	Course Name	Duration Weeks	End date	Exam date	Click here to join the course
1	CBIT/23CHM01	Selection Of Nanomaterials For Energy Harvesting And Storage Application	4	August 18, 2023	September 24, 2023	https://onlinecourses.nptel.ac.in/noc23_me127/preview
2	CBIT/23CHM02	Mechanical Behavior Of Polymers And Composites	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_me139/preview
3	CBIT/23CHM03	Strength Of Materials - IITM	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_me140/preview
4	CBIT/23CHM04	Basics Of Materials Engineering	12	October 13, 2023	October 28, 2023	https://onlinecourses.nptel.ac.in/noc23_me78/preview
5	CBIT/23CHM05	Introduction To Composites	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_me89/preview
6	CBIT/23CHM06	Dynamic Behaviour Of Materials	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_me96/preview
7	CBIT/23CHM07	Techniques of Materials Characterization	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm26/preview
8	CBIT/23CHM08	Phase Equilibria In Materials (Nature & Properties Of Materials-II)	8	September 15, 2023	September 24, 2023	https://onlinecourses.nptel.ac.in/noc23_mm27/preview
9	CBIT/23CHM09	Defects In Crystalline Solids (Part-I)	8	September 15, 2023	September 24, 2023	https://onlinecourses.nptel.ac.in/noc23_mm28/preview
10	CBIT/23CHM10	Advanced Materials And Processes	12	October 13, 2023	October 28, 2023	https://onlinecourses.nptel.ac.in/noc23_mm29/preview
11	CBIT/23CHM11	Thermo-Mechanical And Thermo-Chemical Processes	8	September 15, 2023	September 24, 2023	https://onlinecourses.nptel.ac.in/noc23_mm30/preview
12	CBIT/23CHM12	Fracture, Fatigue And Failure Of Materials	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm31/preview
13	CBIT/23CHM13	Fundamentals Of Electronic Device Fabrication	4	August 18, 2023	September 24, 2023	https://onlinecourses.nptel.ac.in/noc23_mm33/preview

14	CBIT/23CHM14	Physics Of Materials	12	October 13, 2023	October 28, 2023	https://onlinecourses.nptel.ac.in/noc23_mm36/preview
15	CBIT/23CHM15	Nanotechnology, Science And Applications	8	September 15, 2023	September 24, 2023	https://onlinecourses.nptel.ac.in/noc23_mm37/preview
16	CBIT/23CHM16	Mechanical Behavior Of Materials	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm38/preview
17	CBIT/23CHM17	X-Ray Crystallography & Diffraction	12	October 13, 2023	October 28, 2023	https://onlinecourses.nptel.ac.in/noc23_mm39/preview
18	CBIT/23CHM18	Aluminium Based Alloys And Metal Matrix Composites	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm40/preview
19	CBIT/23CHM19	Nature And Properties Of Materials-An Introductory Course	8	September 15, 2023	September 24, 2023	https://onlinecourses.nptel.ac.in/noc23_mm42/preview
20	CBIT/23CHM20	Fundamentals Of Material Processing - I	8	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm43/preview
21	CBIT/23CHM21	Mechanical Behaviour Of Materials (Part – II)	8	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm44/preview
22	CBIT/23CHM22	Fundamentals Of Composite And Cellular Materials	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm47/preview
23	CBIT/23CHM23	Thermodynamics And Kinetics Of Materials	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm48/preview
24	CBIT/23CHM24	Corrosion/Environmental Degradation/Surface Engineering	12	October 13, 2023	October 29, 2023	https://onlinecourses.nptel.ac.in/noc23_mm49/preview

* 1. Students opting for the above courses should not have enrolled / should not reenroll for those courses either in NPTEL or during the regular class work at CBIT. If any student found doing so, his/her NPTEL credits would be cancelled.

2. Courses completed for Minor degree can not be claimed for any other activity points or Internships



I. Bala Krishna
Coordinator
Minor Degree
Chemical Engg
Dept, CBIT



Dr M Mukunda Vani
HoD,
Chemical Engg