

Chaitanya Bharathi Institute of Technology (A)  
Department of Chemical Engineering  
AY 2023-24 Jan 2024 - April 2024 ( Even Semester )

**List of NPTEL Courses for Additional Minor Degree\* in Material Science**

TIMELINE	4 Wk (SET 1)	8 Wk (SET 1)	12 Wk	4 Wk (SET 2)	8 Wk (SET 2)			
Start of Course	January 22, 2024	January 22, 2024	January 22, 2024	February 19, 2024	February 19, 2024			
End of Course	February 16, 2024	March 15, 2024	April 12, 2024	March 15, 2024	April 12, 2024			
Exam Dates	Mar 23/24, 2024		April 20/21/27/28, 2024					
Possible additional exam dates	Mar 22, 2024 2 Sessions on each date (9am-12 noon; 2pm-5pm)		April 18/19/22, 2024 2 Sessions on each date (9am-12 noon; 2pm-5pm)					
Open enrollment to the Course	Nov 15, 2023							
Close enrollment to the Course	Jan 29, 2024 - 5pm			February 19, 2024 - 5pm				
Open exam registration form	Dec 14, 2023							
Close exam registration form	Feb 12, 2024 / Feb 16, 2024 5pm			March 11, 2024 / March 15, 2024 - 5pm				
S.No	Course ID	Course Name	Duration	End date	Exam date	Click here to Join the course	Old course URL	NPTEL URL
1	CBIT/23CHM25	Nature and Properties of Materials	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_me52/preview">https://onlinecourses.nptel.ac.in/noc24_me52/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_me17/preview">https://onlinecourses.nptel.ac.in/noc23_me17/preview</a>	<a href="https://nptel.ac.in/courses/112104203">https://nptel.ac.in/courses/112104203</a>
2	CBIT/23CHM26	Strength Of Materials - IITM	12 Wk	Apr 12, 2024	Apr 20, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_me78/preview">https://onlinecourses.nptel.ac.in/noc24_me78/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_me140/preview">https://onlinecourses.nptel.ac.in/noc23_me140/preview</a>	<a href="https://nptel.ac.in/courses/112106319">https://nptel.ac.in/courses/112106319</a>
3	CBIT/23CHM27	Corrosion Protection Methods	8 Wk	Mar 15, 2024	Mar 23, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm01/preview">https://onlinecourses.nptel.ac.in/noc24_mm01/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm01/preview">https://onlinecourses.nptel.ac.in/noc23_mm01/preview</a>	<a href="https://nptel.ac.in/courses/113104108">https://nptel.ac.in/courses/113104108</a>
4	CBIT/23CHM28	Transport Phenomena in Materials	12 Wk	Apr 12, 2024	Apr 21, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm02/preview">https://onlinecourses.nptel.ac.in/noc24_mm02/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc19_mm25/preview">https://onlinecourses.nptel.ac.in/noc19_mm25/preview</a>	<a href="https://nptel.ac.in/courses/112/106/112106237/">https://nptel.ac.in/courses/112/106/112106237/</a>

5	CBIT/23CHM29	Solar Photovoltaics: Principles, Technologies & Materials	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm05/preview">https://onlinecourses.nptel.ac.in/noc24_mm05/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm10/preview">https://onlinecourses.nptel.ac.in/noc23_mm10/preview</a>	<a href="https://nptel.ac.in/courses/113104084">https://nptel.ac.in/courses/113104084</a>
6	CBIT/23CHM30	Aqueous Corrosion and Its Control	12 Wk	Apr 12, 2024	Apr 28, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm06/preview">https://onlinecourses.nptel.ac.in/noc24_mm06/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc21_mm35/preview">https://onlinecourses.nptel.ac.in/noc21_mm35/preview</a>	<a href="https://nptel.ac.in/courses/113/101/113101098/">https://nptel.ac.in/courses/113/101/113101098/</a>
7	CBIT/23CHM31	Carbon Materials and Manufacturing	12 Wk	Apr 12, 2024	Apr 21, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm07/preview">https://onlinecourses.nptel.ac.in/noc24_mm07/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm14/preview">https://onlinecourses.nptel.ac.in/noc23_mm14/preview</a>	<a href="https://nptel.ac.in/courses/113106099">https://nptel.ac.in/courses/113106099</a>
8	CBIT/23CHM32	Dealing with materials data : collection, analysis and interpretation	12 Wk	Apr 12, 2024	Apr 28, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm09/preview">https://onlinecourses.nptel.ac.in/noc24_mm09/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm09/preview">https://onlinecourses.nptel.ac.in/noc23_mm09/preview</a>	<a href="https://nptel.ac.in/courses/113101096">https://nptel.ac.in/courses/113101096</a>
9	CBIT/23CHM33	Fundamentals Of Electronic Materials And Devices	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm10/preview">https://onlinecourses.nptel.ac.in/noc24_mm10/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm02/preview">https://onlinecourses.nptel.ac.in/noc23_mm02/preview</a>	<a href="https://nptel.ac.in/courses/113106065">https://nptel.ac.in/courses/113106065</a>
10	CBIT/23CHM34	Material Characterization	12 Wk	Apr 12, 2024	Apr 21, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm11/preview">https://onlinecourses.nptel.ac.in/noc24_mm11/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm03/preview">https://onlinecourses.nptel.ac.in/noc23_mm03/preview</a>	<a href="https://nptel.ac.in/courses/113106034">https://nptel.ac.in/courses/113106034</a>
11	CBIT/23CHM35	Materials Science and Engineering	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm12/preview">https://onlinecourses.nptel.ac.in/noc24_mm12/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm07/preview">https://onlinecourses.nptel.ac.in/noc23_mm07/preview</a>	<a href="https://nptel.ac.in/courses/113107078">https://nptel.ac.in/courses/113107078</a>
12	CBIT/23CHM36	Theory and Practice of Non Destructive Testing	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in/noc24_mm14/preview">https://onlinecourses.nptel.ac.in/noc24_mm14/preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_mm05/preview">https://onlinecourses.nptel.ac.in/noc23_mm05/preview</a>	<a href="https://nptel.ac.in/courses/113106070">https://nptel.ac.in/courses/113106070</a>

\* 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. Course completed for Minor degree can not be claimed for any other activity points or Internships



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



Dr M Mukunda Vani  
HoD,  
Chemical Engg