

Department of Chemistry-Course on Swayam portal-2025																			
TIMELINE	4 Weeks (SET 1)	8 Weeks (SET 1)	12 Weeks	4 Weeks (SET 2)	8 Weeks (SET 2)														
Start of Course	July 21, 2025	July 21, 2025	July 21, 2025	August 18, 2025	August 18, 2025														
End of Course	August 15, 2025	September 12, 2025	October 10, 2025	September 12, 2025	October 10, 2025														
Exam Dates	Sep 2021, 2025 2 Sessions on each date (8am-12 noon; 2pm-5pm)		Oct 26/26, 2025 Nov 01/02, 2025																
*Exam dates cannot be chosen by the candidates and this will be decided by NPTEL as per the availability																			
	Sep 19, 2025 2 Sessions on each date (8am-12 noon; 2pm-5pm)		Oct 24, 2025 Oct 31, 2025 2 Sessions on each date (8am-12 noon; 2pm-5pm)																
Open enrollment to the Course	May 15, 2025																		
Close enrollment to the Course	Jul 28 2025 - 5pm					Aug 18 2025 - 5pm													
Open exam registration form	June 20, 2025- 10am																		
Close exam registration form	Aug 11, 2025 / Aug 15, 2025 5pm					Aug 25, 2025 / Aug 29, 2025 5pm													
S NO	Course ID	Discipline	Course Name	SME Name	Institute	Co-ordinating Institute	Duration	Type of course	Start date	End date	Exam date	Enrollment End date	Exam Registration End date	UG/PG	Core/Elective	FDP	Click here to Join the course	Old course URL	NPTEL URL
1	noc25-cy39	Chemistry	Application of Spectroscopic Methods in Molecular Structure Determination	Prof. S. Sankararaman	IT Madras	IT Madras	8 Weeks	Renew	July 21, 2025	September 12, 2025	September 20, 2025	July 29, 2025	August 15, 2025	UG/PG	Elective	Yes	https://onlinecourses.nptel.ac.in/noc25_cy39/prev	https://onlinecourses.nptel.ac.in/noc24_cy39/prev	https://nptel.ac.in/courses/104/1000/15
2	noc25-cy40	Chemistry	Chemical Crystallography	Prof. Angshuman Roy Choudhury	ISER Mohali	IT Madras	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 25, 2025	July 29, 2025	August 15, 2025	UG/PG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy40/prev	https://nptel.ac.in/courses/104/1000/01
3	noc25-cy41	Chemistry	Cycloaddition	Prof. Krishna P. Kallagan	IT Bombay	IT Bombay	4 Weeks	New	August 18, 2025	September 12, 2025	October 25, 2025	August 18, 2025	August 29, 2025	UG/PG	Core	Yes	#N/A	#N/A	https://nptel.ac.in/courses/104/10/02
4	noc25-cy43	Chemistry	Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries	Prof. Shashank Deep Prof. Neelesh Chakravarty	IT Delhi	IT Delhi	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 26, 2025	July 29, 2025	August 15, 2025	UG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy43/prev	#N/A
5	noc25-cy45	Chemistry	Introductory Organic Chemistry II	Prof. Neelesh Chakravarty	ISER Pune	IT Madras	8 Weeks	Renew	July 21, 2025	September 12, 2025	September 20, 2025	July 29, 2025	August 15, 2025	UG/PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy45/prev	#N/A
6	noc25-cy46	Chemistry	Introduction to Chemical Thermodynamics and Kinetics	Prof. Anjali Kumar De Prof. Thiruvancheri G. Gopalakumar	ISER Mohali	IT Madras	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 26, 2025	July 29, 2025	August 15, 2025	UG/PG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy46/prev	#N/A
7	noc25-cy47	Chemistry	Chemistry and Physics of Surfaces and Interfaces	Prof. Anubhav Kumar Prof. R. V. Hosur	IT Kharagpur	IT Kharagpur	8 Weeks	Renew	July 21, 2025	September 12, 2025	September 20, 2025	July 29, 2025	August 15, 2025	PG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy47/prev	#N/A
8	noc25-cy48	Chemistry	Quantum Mechanics and Molecular Spectroscopy	Prof. G. Nareesh Patwari	IT Bombay	IT Bombay	8 Weeks	Renew	July 21, 2025	September 12, 2025	September 21, 2025	July 29, 2025	August 15, 2025	PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy48/prev	#N/A
9	noc25-cy53	Chemistry	Principles of Organic Synthesis	Prof. T. Punyavarnurthy	IT Guwahati	IT Guwahati	12 Weeks	Renew	July 21, 2025	October 10, 2025	November 1, 2025	July 29, 2025	August 15, 2025	PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy53/prev	#N/A
10	noc25-cy54	Chemistry	Reagents in Organic Synthesis	Prof. Subhas Chandra Pan	IT Guwahati	IT Guwahati	12 Weeks	Renew	July 21, 2025	October 10, 2025	November 1, 2025	July 29, 2025	August 15, 2025	PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy54/prev	#N/A
11	noc25-cy58	Chemistry	Organic Chemistry in Biology and Drug Development	Prof. Amit Basak	IT Kharagpur	IT Kharagpur	12 Weeks	Renew	July 21, 2025	October 10, 2025	November 1, 2025	July 29, 2025	August 15, 2025	PG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy58/prev	#N/A
12	noc25-cy59	Chemistry	Molecular Rearrangements and Reactive Intermediates in Organic Synthesis	Prof. Santanu Panda	IT Kharagpur	Kharagpur	12 Weeks	Renew	July 21, 2025	October 10, 2025	November 1, 2025	July 29, 2025	August 15, 2025	PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy59/prev	#N/A
13	noc25-cy62	Chemistry	Quantum Chemistry of Atoms and Molecules	Prof. Anindya Datta	IT Bombay	IT Bombay	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 25, 2025	July 29, 2025	August 15, 2025	UG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy62/prev	#N/A
14	noc25-cy63	Chemistry	Advanced Transition Metal Chemistry	Prof. M. S. Balakrishna	IT Bombay	IT Bombay	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 25, 2025	July 29, 2025	August 15, 2025	UG/PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy63/prev	#N/A
15	noc25-cy64	Chemistry	Mechanisms in Organic Chemistry	Prof. Nandita Madhavan	IT Bombay	IT Bombay	8 Weeks	Renew	July 21, 2025	September 12, 2025	September 21, 2025	July 29, 2025	August 15, 2025	UG/PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy64/prev	#N/A
16	noc25-cy65	Chemistry	Transition Metal Organometallic Chemistry: Principles to Applications	Prof. P. Ghosh	IT Bombay	IT Bombay	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 26, 2025	July 29, 2025	August 15, 2025	UG/PG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy65/prev	#N/A
17	noc25-cy66	Chemistry	NMR Spectroscopy for Chemists and Biologists	Prof. Anubhav Kumar, Prof. R. V. Hosur	IT Bombay	IT Bombay	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 26, 2025	July 29, 2025	August 15, 2025	PG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc24_cy66/prev	#N/A
18	noc25-cy67	Chemistry	One and Two Dimensional NMR Spectroscopy for Chemists	Prof. N. Suryaprakash	ISc Bangalore	ISc Bangalore	12 Weeks	Renew	July 21, 2025	October 10, 2025	October 26, 2025	July 29, 2025	August 15, 2025	PG	Core	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc23_cy67/prev	#N/A
19	noc25-cy71	Chemistry	Analytical Chemistry	Prof. Debashis Ray	IT Kharagpur	Kharagpur	12 Weeks	Renew	July 21, 2025	October 10, 2025	November 1, 2025	July 29, 2025	August 15, 2025	UG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc23_cy71/prev	#N/A
20	noc25-cy72	Chemistry	Biological Inorganic Chemistry	Prof. Debashis Ray	IT Kharagpur	Kharagpur	12 Weeks	Renew	July 21, 2025	October 10, 2025	November 2, 2025	July 29, 2025	August 15, 2025	PG	Elective	Yes	#N/A	https://onlinecourses.nptel.ac.in/noc22_cy72/prev	#N/A