

Program: M.Sc. (Two year PG Program)
Semester: First

MOOC Course ID	MOOC Course Title	Course Credit	Name of MOOC Course Coordinator/ Instructor (& host Institute)	MOOC approved for the Course in Curriculum (Title)	Course Category & Credit in Scheme	Suggested Mode of Examination (Univ. End Term Exam or NTA/NPTL)	Weblink of MOOC course
noc25-cy63	Advanced Transition Metal Chemistry	04	Prof. M. S. Balakrishna IIT Bombay	Advanced Inorganic Chemistry-I (Core)	Chemistry 05 Core	Assignment by NPTEL and Examination by University	<u>Advanced Transition Metal Chemistry - Course</u>
	Chemistry of d - Block Elements, Quantum Chemistry and Spectroscopy	04	Dr. Niraj Upadhyay, Dr. Harisingh Gour Vishwavidyalaya, Sagar	Advanced Physical Chemistry-I (Core)	Chemistry 05 Core	Assignment by NPTEL and Examination by University	Preview: <u>Chemistry of d - Block Elements, Quantum Chemistry and Spectroscopy I</u> SWAYAM

Signature
29/08/2026

Chairman BOS Chemistry

Program: M.Sc.(Two year PG Program)
Semester: Second

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noc26-cy33	Fundamentals of Spectroscopy	4	Prof. Sayan Bagchi, Prof. Anirban HazraIISER Pune, IISER Pune	Group Theory and Spectroscopy (Core)	Chemistry <u>05</u>	Assignment by NPTEL and Examination by University	Preview: Fundamentals of Spectroscopy SWAYAM
noc25_ag14	Food Microbiology for Safe and Sustainable Food Systems	2	Prof. Prem Prakash SrivastavaIIT Kharagpur	Food Microbiology for Safe and Sustainable Food Systems (VAC)	Chemistry <u>01</u>	Assignment by NPTEL and Examination by University	Preview: Food Microbiology for Safe and Sustainable Food Systems SWAYAM

credited no. show credit.

Chairman
22/08/2026
 Chairman 803
 Chemistry

Program: M.Sc.(Two year PG Program)
Semester: Third

MOOC Course ID	MOOC Course Title	Course Credit	Name of MOOC Course Coordinator/ Instructor (& host Institute)	MOOC approved for the Course in Curriculum (Title)	Course Category & Credit in Scheme	Suggested Mode of Examination (Univ.End Term Exam or NTA/NPTEL)	Web link of swayam MOOC course
noc25-cy39	Application Of Spectroscopic Methods in Molecular Structure Determination	4	By Prof. S. Sankararamanjiir Madras	Advanced Spectroscopic Techniques and Applications (Core)	Chemistry 05	Assignment by NPTEL and Examination by University	https://onlinecourses.nptel.ac.in/e-learning/preview/noc26_cy48
noc25-ct51	Polymers: Concepts, Properties, Uses and Sustainability	4	By Prof. Abhijit P Deshpandellir Madras	Polymer Chemistry (Elective)	Chemistry 05	Assignment by NPTEL and Examination by University	Preview: Polymers: Concepts, Properties, Uses and Sustainability SWAYAM
noc25-cy44	Fundamentals and Applications of Supramolecular Chemistry	4	Prof. Deepak Choprajiiriser Bhopal	Supramolecular Chemistry-I (Elective)	Chemistry 05	Assignment by NPTEL and Examination by University	Preview: Fundamentals and Applications of Supramolecular Chemistry SWAYAM

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22/10/2026
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Chairman BOS
Chemistry

Program: M.Sc. (Two year PG Program)
Semester: Fourth

MOOC Course ID	MOOC Course Title	Course Credit	Name of MOOC Course Coordinator/ Instructor (& host Institute)	MOOC approved for the Course in Curriculum (Title)	Course Category & Credit in Scheme	Suggested Mode of Examination (Univ.End Term Exam or NTA/NPTEL)	Web link of swayam MOOC course
noc26-cy35	Medicinal Chemistry	4	Prof. Harinath Chakrapani, IISER Pune	Advanced Medicinal Chemistry (Core)	Chemistry 05	Assignment by NPTEL and Examination by University	nptel.ac.in/courses/104106106
noc26-cy04	Interpretative Molecular Spectroscopy	4	Prof. M. S. Balakrishna IIT Bombay	Interpretative Molecular Spectroscopy (Elective)	Chemistry 05	Assignment by NPTEL and Examination by University	Preview: Interpretative molecular spectroscopy SWAYAM
noc25_cy25	Nuclear and Radiochemistry	3	Prof. P.K.Mohapatra, Prof. B.S.Tomar Homi Bhabha National Institute	Nuclear and Radiochemistry (Elective)	Chemistry 05	Assignment by NPTEL and Examination by University	Preview: Nuclear and Radiochemistry SWAYAM
noc26-cy20	Supramolecular Chemistry-I	3	Prof. Parimal Kanti Bharadwaj IIT Kanpur	Supramolecular Chemistry-II (Elective)	Chemistry 05	Assignment by NPTEL and Examination by University	Preview: Supramolecular Chemistry-I SWAYAM

Signature
 22/10/2022
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 Chemistry