

रसायन विज्ञान विभाग

राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर

DEPARTMENT OF CHEMISTRY
NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR

(An Autonomous Institute of National Importance under the aegis of the Ministry of Education, Govt. of India)
हज़रतबल, श्रीनगर - १९०००६, जम्मू और कश्मीर, भारत Hazratbal, Srinagar - 190006, Jammu & Kashmir, India

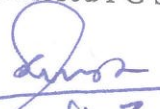
E-8747
08/7/2026

Dean Academic Affairs

Date: 07/07/2026

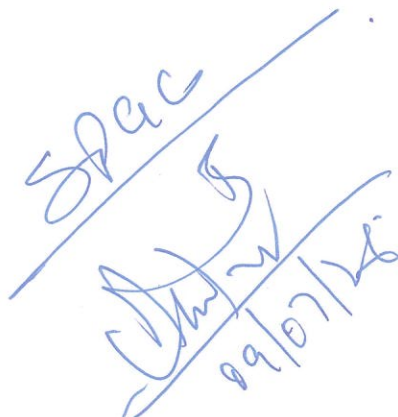
Subject: Submission of PG Scheme with revised credits

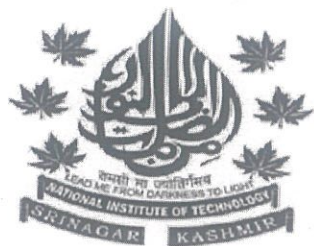
With reference to your letter no. NITS/DAA/2026/202 dated 01/07/2026, kindly find herewith an enclosed PG scheme with revised credits.


8.7.2026
(Prof. Kowsar Majid)
Head of the Dept.

Enclosure:

1. PG scheme with revised credits


09/07/26



रसायन विज्ञान विभाग
राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर

DEPARTMENT OF CHEMISTRY
NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR

(शिक्षा मंत्रालय, भारत सरकार के तत्वावधान में राष्ट्रीय महत्व का एक स्वायत्त संस्थान)
(An Autonomous Institute of National Importance under the aegis of the Ministry of Education, Govt. of India)
हज़रतबल, श्रीनगर - १९०००६, जम्मू और कश्मीर, भारत Hazratbal, Srinagar - 190006, Jammu & Kashmir, India

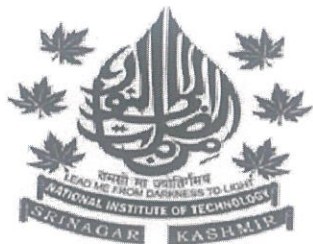
Scheme 2026

Revised Scheme M.Sc. Chemistry (Autumn 2026) [Two Years Full Time Programme]

FIRST YEAR											
I Semester						II Semester					
Course Code	Course Name	L	T	P	C	Course Code	Course Name	L	T	P	C
MSCYT-101	Structure, Reactivity and Stereochemistry of Organic Molecules	2	1	0	3	MSCYT-201	Organic Reaction Mechanisms	2	1	0	3
MSCYT-102	General Inorganic Chemistry	2	1	0	3	MSCYT-202	Bio-Inorganic and Group Theory	2	1	0	3
MSCYT-103	Advanced Electrochemistry and Chemical Kinetics	2	1	0	3	MSCYT-203	Solid State Chemistry and Thermodynamics	2	1	0	3
MSCYT-104	Instrumental Methods of Chemical Analysis	2	1	0	3	MSCYT-204	Advanced Separation Techniques	2	1	0	3
Electives (Choose Any Two Out of Four)						Electives (Choose Any Two Out of Four)					
MSCYE-105	Supramolecular Chemistry	3	0	0	3	MSCYE-205	Biomolecules	3	0	0	3
MSCYE-106	Environmental Chemistry	3	0	0	3	MSCYE-206	Nuclear Chemistry	3	0	0	3
MSCYE-107	Tribochemistry of Lubricating Materials	3	0	0	3	MSCYE-207	Energy Conversion and Storage Systems	3	0	0	3
MSCYE-108	Polymer Science	3	0	0	3	MSCYE-208	Bioinspired Surface Engineering	3	0	0	3
Lab Courses						Lab Courses					
MSCYL-109	Organic Chemistry Laboratory-I	0	0	3	1	MSCYL-209	Organic Chemistry Laboratory -II	0	0	3	1
MSCYL-110	Inorganic Chemistry Laboratory-I	0	0	3	1	MSCYL-210	Inorganic Chemistry Laboratory-II	0	0	3	1
MSCYL-111	Physical Chemistry Laboratory-I	0	0	3	1	MSCYL-211	Physical Chemistry Laboratory-II	0	0	3	1
Total Hrs./Credits		27		21		Total Hrs./Credits		27		21	

[Signature]

[Signature]



रसायन विज्ञान विभाग
राष्ट्रीय प्रौद्योगिकी संस्थान श्रीनगर

Scheme 2026

DEPARTMENT OF CHEMISTRY
NATIONAL INSTITUTE OF TECHNOLOGY, SRINAGAR

(शिक्षा मंत्रालय, भारत सरकार के तत्वावधान में राष्ट्रीय महत्व का एक स्वायत्त संस्थान)
(An Autonomous Institute of National Importance under the aegis of the Ministry of Education, Govt. of India)
हज़रतबल, श्रीनगर - १९०००६, जम्मू और कश्मीर, भारत Hazratbal, Srinagar - 190006, Jammu & Kashmir, India

SECOND YEAR

III Semester						IV Semester					
Course Code	Course Name	L	T	P	C	Course Code	Course Name	L	T	P	C
MSCYT-301	Organic Spectroscopy and Modern Organic Synthesis	2	1	0	3	MSCYS-401	Pre-project Seminar	0	0	0	4
MSCYT-302	Organometallic Chemistry	2	1	0	3	MSCYP-402	Project/Dissertation	0	0	0	14
MSCYT-303	Quantum Chemistry	2	1	0	3						
MSCYT-304	Advanced Characterization Techniques	2	1	0	3						
Electives (Choose Any Two Out of Four)						Total Hrs./Credits					
MSCYE-305	Applied Organic Chemistry	3	0	0	3	Curriculum Summary					
MSCYE-306	Nanotechnology	3	0	0	3	Core Courses					
MSCYE-307	Organic Flexible Electronic Materials	3	0	0	3	Elective Courses					
MSCYE-308	Metal-Organic Frameworks: Fundamentals and Applications	3	0	0	3	Laboratory Courses					
Lab Courses						Pre-Project Seminar					
MSCYL-309	Analytical Chemistry Laboratory	0	0	3	1	Project/Dissertation					
MSCYL-310	Computer Methods in Chemistry Lab	0	0	3	1						
Total Hrs./Credits		24		20		Total Hrs./Credits					

SEMESTER WISE CREDIT POINTS

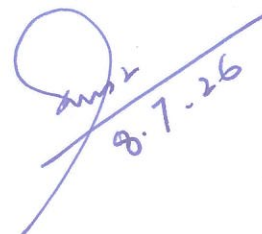
Semesters	Sem-I	Sem-II	Sem-III	Sem-IV	Overall
Credits	21	21	20	18	80

List of Offered Electives

Course Code	Course Name	L	T	P	C
MSCYE-105	Supramolecular Chemistry	3	0	0	3
MSCYE-106	Environmental Chemistry	3	0	0	3
MSCYE-107	Tribochemistry of Lubricating Materials	3	0	0	3
MSCYE-108	Polymer Science	3	0	0	3
MSCYE-205	Biomolecules	3	0	0	3
MSCYE-206	Nuclear Chemistry	3	0	0	3
MSCYE-207	Energy Conversion and Storage Systems	3	0	0	3
MSCYE-208	Bioinspired Surface Engineering	3	0	0	3
MSCYE-305	Applied Organic Chemistry	3	0	0	3
MSCYE-306	Nanotechnology	3	0	0	3
MSCYE-307	Organic Flexible Electronic Materials	3	0	0	3
MSCYE-308	Metal–Organic Frameworks: Fundamentals and Applications	3	0	0	3

As per revised M.Sc. scheme 2026, students have to opt. any two electives in each semester

Anikant

Anur
8.7.26