

For Immediate Release: April 24, 2024

PRESS-RELEASE






IIT (ISM) Dhanbad Launches Innovative BS-MS Program in Chemical Science

A Five-Year Journey into the Future of Chemical Innovation Begins July 2025

The Department of Chemistry & Chemical Biology at the prestigious Indian Institute of Technology (Indian School of Mines), Dhanbad, is proud to announce the launch of its new **Bachelor of Science-Master of Science (BS-MS) integrated program in Chemical Science**, set to begin from the Monsoon Semester in July 2025.

Designed to bridge foundational education with cutting-edge research, this five-year program offers a unique academic experience that combines rigorous coursework, flexible learning pathways, and hands-on laboratory training. With its interdisciplinary curriculum and emphasis on real-world application, the BS-MS program is set to empower a new generation of scientists poised to drive innovation in chemical sciences.

Program Highlights:

-  **Dual Degree, One Seamless Journey:** Four years of undergraduate study (BS) followed by one year of postgraduate specialization (MS), with an **optional BS-only exit after four years**.
-  **Dynamic Curriculum:** A blend of core concepts and emerging topics such as **Quantum Mechanics, Laser Physics, Solid State Physics, and Nuclear Science & Technology**.
-  **Experiential Learning:** Final-year students will undertake **industry internships** and **independent research projects**, fostering innovation and professional growth.
-  **World-Class Infrastructure:** Equipped with **state-of-the-art laboratories**, the department provides an exceptional environment for academic and research excellence.
-  **Personalized Learning:** The curriculum includes **elective semesters**, allowing students to shape their learning according to their academic interests and career ambitions.

Admission

Criteria:

Candidates must qualify through the **JEE Advanced** examination and should have completed their 10+2 education. The program is structured to meet global academic benchmarks and prepares students for careers in research, industry, and academia.

"This program is a reflection of IIT (ISM) Dhanbad's commitment to academic innovation and excellence," said the Head of the Department of Chemistry & Chemical Biology. "We are excited to cultivate the next generation of chemists and researchers who will lead transformative changes in science and technology."



Explore the Future of Chemical Science Today!

To learn more about the BS-MS program, visit the official department page: <https://lnkd.in/gZJgCZi>

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Dean (Corporate Communications)