



Department of Chemical Sciences

The Master of Chemical Sciences programme at Biswa Bangla Biswabidyalay equips students with a rigorous foundation in physical, organic, inorganic, material and analytical chemistry while foregrounding emerging frontiers such as green catalysis, functional nanomaterials, medicinal chemistry, and computational molecular design. Supported by modern instrumentation—NMR, GC-MS, XRD, FT-IR, UV-Vis spectrophotometer, fluorimeter and a pilot-scale synthesis lab — students engage themselves in real world problem-based coursework, industry-linked research projects, and interdisciplinary collaborations with environmental science, biotechnology and materials-engineering groups. Field-visits to Bengal's pharmaceuticals, tea-processing, and polymers industries, combined with intra-departmental seminars, lectures by visiting scientists expose learners to real-world applications and ethical dimensions of chemical innovation. Graduates emerge as skilled researchers and professionals, becoming ready for doctoral studies, R&D, quality control and sustainability-focused roles, advancing both regional industries and global scientific progress.

Faculty:

1. Prof. Dilip Kumar Maiti.
2. Dr. Soumen K. Samanta.
3. Dr. Tanmoy Ghosh.
4. Dr. Uday Narayan Guria.
5. Mr. Bhaskar Bhakti.
6. Dr. Shib Hari Dutta.