

# Report on Chemistry Syllabus Workshop

Department of Chemistry  
Navyug Science College, Surat  
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As part of curriculum enrichment and academic quality enhancement initiatives, the Department of Chemistry, Navyug Science College, Surat, organized a **Syllabus Workshop** on 21 March 2025 for Semester 5 and Semester 6 under the framework of **NEP 2020**, including integration of **Indian Knowledge System (IKS)** components.

The workshop was chaired by **Dr. A. S. Patel, Dean**, who provided academic guidance during the deliberations.

A total of about **40 participants** attended the workshop. The participants included members of the Board of Studies and faculty representatives from affiliated institutions, namely:

- Navyug Science College, Surat
- P. T. Science College, Surat
- BKM Science College, Valsad
- V. S. Patel Arts and Science College, Bilimora
- Jayendrapuri Arts and Science College, Bharuch
- The Patidar Gin Science College, Bardoli
- S. S. Agrawal College, Navsari
- Aatmanand Saraswati College, Surat
- Government Science College, Limbayat
- Kholvad Science College
- M. R. Arts and Science College, Rajpipla
- B. P. Baria Science Institute, Navsari
- Naranlala College, Navsari
- D. R. B. College, Surat
- Department of Chemistry, VNSGU

## Objectives of the Workshop:

- Review and revision of Semester 5 and Semester 6 syllabus.
- Alignment of curriculum with **NEP 2020 guidelines**.
- Integration of **Indian Knowledge System (IKS)** components.
- Strengthening outcome-based education and skill-oriented learning.
- Discussion on practical components, credit structure, and evaluation methodology.

## Outcomes:

- Consensus on revised syllabus structure for Semester 5 and 6.
- Incorporation of interdisciplinary and skill-based modules.
- Integration of IKS elements within relevant topics.
- Standardization of practical and assessment framework across affiliated colleges.
- Enhanced coordination among institutions under VNSGU.

The workshop served as a collaborative platform for curriculum development and ensured alignment with national educational reforms. The deliberations contributed to strengthening academic quality, relevance, and uniform implementation of the Chemistry curriculum.

