



PLACEMENT BROCHURE

2022-2023

Industrial Chemistry

Indian Institute of Technology
Banaras Hindu University



ABOUT THE INSTITUTE

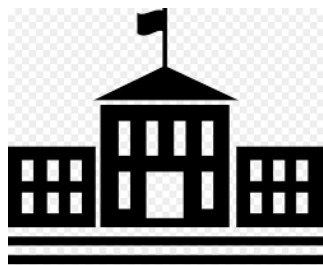
Founded in 1919 as the Banaras Engineering College, it became the Institute of Technology, Banaras Hindu University in 1968. It was designated an Indian Institute of Technology in 2012.

The college has been consistently ranked among the top Engineering colleges in India by various surveys like NIRF, Outlook, Times Higher Education, etc.

The admissions for the BTech and Dual Degree (BTech + MTech) courses are via the JEE Advanced exam. MSc. and Phd courses have their separate entrance exams.



ABOUT THE DEPARTMENT



Set Up in 1985

Previously known as **Department of Applied Chemistry**



PROGRAMS OFFERED

5year Dual Degree (BTech+MTech)

Masters in Science (MSc-Chemistry)

Doctrate (PhD)



Research Programs Supported by -

DST, CSIR, AICTE, UGC

BRNS (Board of Research in Nuclear Sciences)

WHY US?



Being a 5 year course, the students have had multiple internship experiences in companies, labs where they were exposed to real life problems.



Stream project is offered by the Dept for Substantial advancement in Research and Innovation.

Completion of Stream provides the student with an Honours degree.

Streams are offered in:
Computational Chemistry
Surface Chemistry
Environmental Chemistry
Organic Chemistry

COURSE STRUCTURE

OPEN ELECTIVES

1. Machine Learning
2. Parallel Computing
3. Network Security
4. Linear Control system
5. Data mining
6. Probability and Statistics
7. Fuzzy Set Theorem
8. Numerical Solutions to PDE

PROJECTS

1. Exploratory Project
-Semester 3
2. Stream Project
-Semester 5
3. MTech Dissertation
-Semester 9

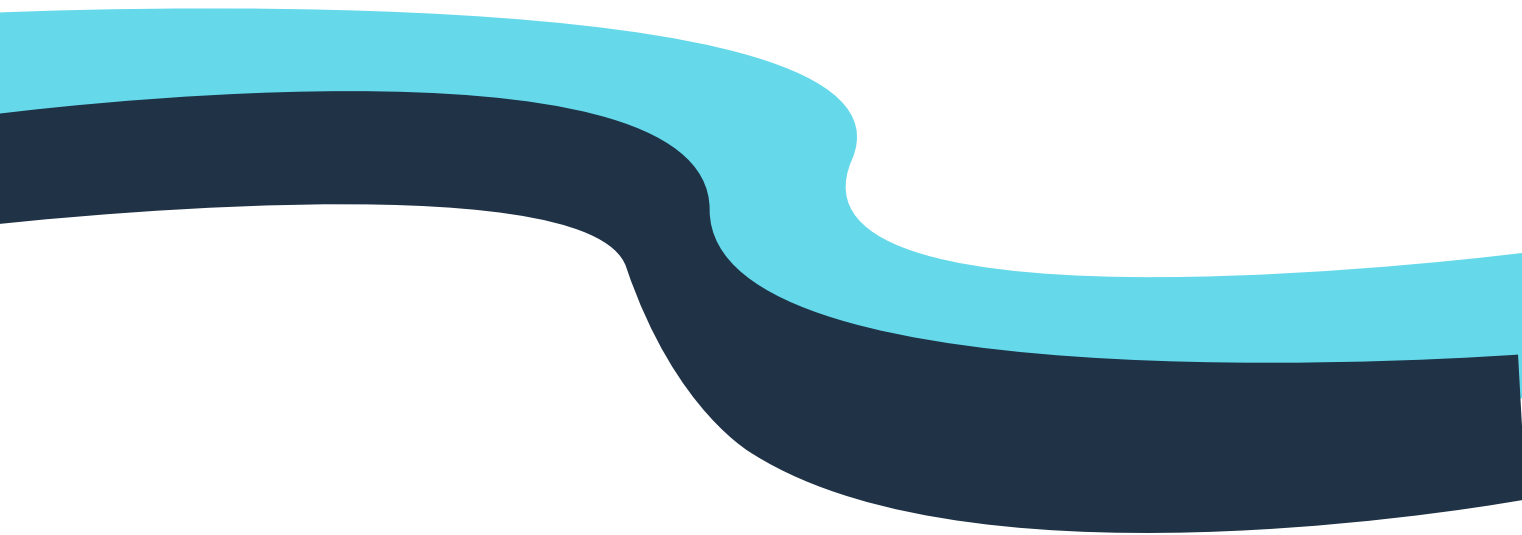


COURSE STRUCTURE

DEPARTMENTAL COURSES

1. Classical and Statistical Thermodynamics
2. Quantum Chemistry and Spectroscopy
3. Chemistry of Coordination Compounds
4. Chemistry of Heterocyclic Compounds
5. Reaction Kinetics
6. Synthesis and Mechanism in Organic Chemistry
7. Electrochemistry & Surface Phenomenon
8. Organometallic Chemistry
9. Spectroscopic Identification of Organic Compounds

OTHER DEPARTMENTAL COURSES

1. Engineering Thermodynamics
 2. Fluid Mechanics
 3. Process Calculation
 4. Chemical Reaction Engineering
 5. Heat and Mass Transfer
 6. Fundamentals of Electronics
 7. Computer Programming
 8. Linear Algebra and Ordinary Differential Equations
 9. Classical, Quantum and Relativistic Mechanics
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MAJOR PAST RECRUITERS AND INTERNSHIPS

Goldman
Sachs

Flipkart



VISA

HSBC



mykaarma

JPMORGAN
CHASE & CO.



innovaccer

OYO

LENDINGKART
Think Cash, Think Lendingkart Group!



SaaS Labs

Blue Sky
Analytics



NOVARTIS

meesho



ZS Associates



HiLabs

AXTRIA
INGENIOUS INSIGHTS

Deskera



CONTACT US

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