

Faculty (Petroleum Engineering)

Prof. Anil K. Mathur

Professor, M. Tech, Ph.D, HEAD OF DEPARTMENT

Prof. K.S. Grover

Professor, M. Tech, Ph.D, Professor Incharge

Dr. Ritesh Patidar

Assistant Professor, M. Tech (IIT-Guwahati), Ph.D (IIT-Roorkee)

Sh. Ramesh Kumar

Assistant Professor, M. Tech (IIT-Roorkee), Ph.D(Pursuing)

Sh. Munish Bindal

Assistant Professor, BTech (IIT BHU), M. Tech, Ph.D (Pursuing)

Sh. Dinesh Kumar

Assistant Professor, M. Tech IIT(ISM)-Dhanbad, Ph.D (Pursuing)

Sh. Naveen Kumar Verma

Assistant Professor, M. Tech (IIT-Kanpur), Ph.D(Pursuing)

Sh. Manoj Vaishnav

Assistant Professor, M. Tech IIT(ISM)-Dhanbad

All the faculty are from the IITs and reputed national level institutes .

Industrial Visits



1. Cairn Energy Barmer Visit



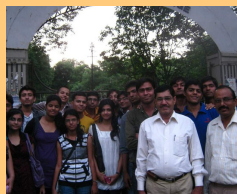
2. DCM Kota Visit



3. Exploration site RawatBhata Visit



4. Tel Bhawan Dehradun Visit



5. MIT Pune Visit

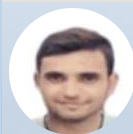


6. Crude Oil Research Centre Dehradun visit

Petroleum Department Building



Our Distinguish Alumni



Brijes Kuri
ONGC



Himanshu Rajawat
ONGC



Tejpal Kumawat
ONGC



Sonu Suthar
ONGC



Amit Nitharwal
ONGC



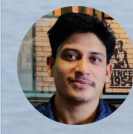
Pankaj Bambhu
ONGC



Lokesh Singh Chouhan
ONGC



Nagendra Kanwat
ONGC



Navdeep Dhaka
ONGC



Ajay Pratap Singh
Numaligarh
Refinery Limited



Pradyumna Singh Rathor
HALLIBURTON



Akanksha Sharma
ADITYA BIRLA
GROUP



Lokesh Jangam
DCM Ltd. KOTA



Ashish Kedhar
IISc BANGLORE



Aditi Sharma
INFOSYS



Mahima Kansara
INFOSYS



Lipi Jain
IBM



Shubhi Sikarwar
INFOSYS



Shantanu Panday
IIT MADRAS



Mehul Jain
INFOSYS



Megh sharma
TORRECID



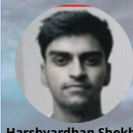
Dhawan Maheshwari
J.K. CEMENT



Sumit Goyal
J.K. CEMENT



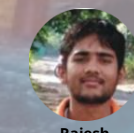
Atul Kumar Gupta
FEDERAL BANK



Harshvardhan Shekhawat
KACHNAAR CRAFT
PVT.LTD.



Prateek Khatri
J.K. CEMENT



Rajesh
INDIGO PAINTS



Sharvan
INDIGO PAINTS



Sunisha Jain
INFOSYS



Hari Gopal Singh
OIL & GAS FIELD



Himanshu Chouhan
DORF KETAL CHEMICALS
PVT.LTD.



Mahipat Singh
DORF KETAL CHEMICALS
PVT.LTD.

To know more about the Petroleum Department Please visit :
<https://udrtukota.ac.in/UTD/welcome-message-by-hod/>



RAJASTHAN TECHNICAL UNIVERSITY KOTA

Rajasthan Technical University (RTU) is located in Kota (Rajasthan). It was established in 2006 by the Government of Rajasthan to enhance the technical education in the state. The university is located on the Rawtbhata Road, about 14Km from Kota Railway station and 10Km from Kota Bus Stand. The university currently affiliate engineering colleges , MCA colleges, MBA colleges and Hotel Management and Catering Institutes. More than 2.5 lakh students study in various institutes affiliated to the university. The university aims to provide quality technical education which may help Rajasthan in its technical development and may boost technical environment in the country.

Department of Petroleum Engineering

B.Tech programm in "Petroleum Engineering" was started with an intake of 30 in 2011-12. BTech programm in "Petrochemical Engineering" with 30 intake in 2013. The 4 Year B.Tech Programm in Petroleum Engineering is based on integrated approach of relevant basic sciences and engineering and Oil & Gas industry technology operations and emphasis in the application of these knowledge base to exploration, drilling, production, and reservoir engineering.

Vision & Mission

Vision

To achieve academic excellence in Engineering by imparting in depth knowledge to the students, facilitating research activities and cater to the ever changing industrial demands, global and societal needs

Mission

1. To provides quality engineering education to the students.
2. To offer state of art education in engineering.
3. To establish Industry Institute Interaction to make students ready for the industrial environment.
4. To promote research based projects/activities to develop department as Center of Excellence for research.

Programs

- B.Tech Petroleum Engineering (intake of 30 students).
- B.Tech Petrochemical Engineering (intake of 30 students)

Institutional Facilities

- Scholarship for UG & PG
- Students Clubs
- Hostels- Boys and Girls
- Bank and Post Office
- Dispensary
- Support for Training and Student Project
- Sports facilities : Lawn tennis, Football etc.
- Training and Placement
- Central Library and Book Bank Facility
- Cafeteria

Departmental Laboratories

The department has fully equipped labs supervised by experienced faculty members. There are trained technicians to help the students in performing the experiments. Following are the laboratories:

- Drilling Fluids & Cementing Technology Laboratory
- Reservoir Engineering Laboratory
- Petroleum Product Testing Laboratory
- Sedimentology & Petroleum Geochemistry Laboratory
- Petroleum Geology Laboratory
- Petroleum Production Technology Laboratory
- Health Safety and Environment Laboratory
- Mechanical Operations laboratory
- Mass Transfer Laboratory
- Separation Process Lab
- Reservoir Modeling & Simulation Laboratory
- Heat Transfer Laboratory
- Process Dynamics & Control Laboratory
- Chemical Reaction Engineering Laboratory

Student Projects

Students of VII and VIII Semester are required to complete the project. Following are the prototype of the equipments which have been prepared by the students as the part of their project :



Cooling Tower Cyclone Separator Viscometer Photo Reactor

Top Recruiters & Internship companies



Drilling Fluids and Cementing Laboratory

This laboratory is in III semester of Petroleum Engineering branch. This is one of the important lab which cover the knowledge related to the properties of the drilling mud. Rotational Viscometer, Filtration Loss Apparatus, Mud Balance, Emulsion Stability Test, Marsh Funnel Apparatus, and Retort Kit are the equipment's which is used in the lab. All the equipment are imported from the Canada.



Petroleum Product Testing Laboratory



This laboratory in VI semester of Petroleum and Petrochemical Engineering branch. This lab provide facilities for determining the properties of the crude oil sample such as viscosity, density, flash point and fire point etc. Here students love to spend hour to understand the crude oil properties Various test of this lab helps in determining the characterization of pure hydrocarbons and hydrocarbon mixtures.

Petroleum Production Technology Laboratory

This laboratory is in IV semester of Petroleum Engineering branch . Production conditions are varying from one area to another these conditions are affecting mainly the physical properties of hydrocarbons. In this laboratory physical properties measurements of hydrocarbons are taken according to API.



Process Dynamics & Control Laboratory



This laboratory is in VII semester of Petroleum Engineering and Petrochemical Engineering branch. This lab is one of the most important lab for learning the concept of different types of valve and system used in the industry for the control of the production processes. Knowledge of PID controller and its components and concepts of operations can be understand inside the lab.

Petroleum Geology Laboratory

The laboratory is part of the curriculum of the III Semester (Petroleum Engineering). It is well designed with various Minerals, Coal, Igneous, Metamorphic & Sedimentary rocks samples. Also, it comprises Fossils, Wooden models, Geological maps, and Borehole (core) samples. Besides, these are used to relate the theoretical knowledge to practical aspects of the subject. It is essential to understand the genesis, identify the samples in hand specimens, analyze the data for geological understanding.



Sedimentology & Petroleum Geochemistry Laboratory



This laboratory is part of the IV semester (Petroleum Engineering). It is used to nurture the knowledge of basic sedimentology and Petroleum Geochemistry to explore hydrocarbon. The laboratory is used to characterize sedimentary rock, their textures & structures, and analyze the technological parameters, geochemical parameters, CHNSO parameters, and their relation with the source of organic matter, thermal maturity, palaeo-depositional environments, and hydrocarbon potential of the rocks.

Heat Transfer Laboratory

This laboratory is in IV semester of Petrochemical Engineering and V semester of Petroleum Engineering. This lab provides the facilities for imparting practical related to heat transfer in heat exchanger, gas turbine and evaporator. Knowledge of heat transfer is essential for understanding the heat exchange process in the industries.



Mechanical Operations Laboratory



This laboratory is in III semester of Petrochemical Engineering. Lab has equipments needed to imparts practical knowledge to the students in the essential area of material handling, crushing, grinding and transport in cement industries. Ball mill, thickener, jaw crusher, sieve shaker, magnetic separator and froth floatation cell are the some example of the equipments in this lab.

Reservoir Engineering Laboratory

This laboratory is in IV semester of Petroleum Engineering. This is a fundamental lab of Petroleum Engineering which provides hands on experiments related to the porosity and permeability of the core sample collected during the drilling of the oil well. Lab has the advanced equipments such as helium porosimeter, liquid permeameter and gas permeameter which is a imported equipments from France.



Photo Gallery

