

ABOUT RGIPT

Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, is an autonomous institution established by the Government of India. The Institute has been accorded the status of "An Institution of National Importance" along the lines of the Indian Institutes of Technology (IIT) under an Act of Parliament ("Rajiv Gandhi Institute of Petroleum Technology Act 2007"). The institute also has a fully established Centre at Bengaluru, i.e. Energy Institute, Bengaluru (EIB). RGIPT is co-promoted as an energy domain specific institute by six leading Oil Public Sector Units (ONGC, IOCL, OIL, GAIL, BPCL and HPCL) in association with the Oil Industry Development Board (OIDB). The Institute is associated with leading international universities and institutions specializing in the domain of Petroleum & Energy Technology. The Institute's

prime objective is to provide world class education, training, and research to roll out competent human resources to meet the growing requirements of the Petroleum & Energy sector.

The Institute receive a rank for the first time in 2020 in the NIRF assessment conducted by the MHRD, Government of India. RGIPT has ranked 134th in the category of Engineering Institutions and 9th in the state of Uttar Pradesh. This is quite an achievement for the Institution considering RGIPT is a domain specific Institution and relatively new with 11 years of functional experience.

The P.G. programmes of the Rajiv Gandhi Institute of Petroleum Technology are aimed at developing manpower with sound theoretical and experimental background in frontier areas of research in engineering, sciences, management and interdisciplinary subjects in the areas of petroleum and energy. The emphasis is on understanding the scientific basis and engineering principles involved in solving problems of practical importance in the relevant field using multidisciplinary approach. An important component of these programmes is to inculcate a habit of independent thinking and initiative by the candidates in planning and execution of the research work. These programmes seek to develop manpower of the highest quality to cater to the needs of industry, R & D organizations and educational institutions.

The Institute at Jais, which has two Engineering; i.e., Department of Petroleum Engineering & Geosciences and Department of Chemical Engineering & Engineering Sciences, a Department of Sciences and Humanities and a Department of Management Studies, offers PG (M. Tech. and Ph.D.) programmes. The EIB offers M. Tech. and Ph.D. programmes in various engineering disciplines.

How to Apply: Visit www.rgipt.ac.in for eligibility details and submit online application.



Admission for M.Tech. and Ph.D. Programmes Open at RGIPT

Last date of Application: 30.06.2021

M. Tech at RGIPT, Jais, Amethi

▶ M.Tech in Petroleum Engineering

- Specializations:** (a) Drilling Engineering
(b) Production Engineering
(c) Reservoir Engineering

▶ M.Tech in Chemical Engineering

- Specializations:** (a) Polymer & Petrochemical
(b) Energy

M. Tech at Energy Institute, Bengaluru

- ▶ Renewable Energy
- ▶ Energy Science and Technology
- ▶ Electric Vehicle Technology
- ▶ Power and Energy Systems Engineering

Ph. D.

RGIPT, Jais, Amethi

- ▶ Petroleum Engg. & Geosciences
- ▶ Chemical Engg. & Engineering Sciences
- ▶ Management Studies
- ▶ Basic Sciences & Humanities

Energy Institute, Bengaluru, Karnataka

- ▶ Chemical Engineering
- ▶ Mechanical Engineering
- ▶ Electrical & Electronics Engineering
- ▶ Materials Science and Engineering

Campus Life at RGIPT

RGIPT Jais is spread over 47 acres of land. The campus offers several facilities to its residents, namely the Bank of Baroda Branch and ATM Centre, Post Office, Cafeteria, Stationary and Grocery Stores, Gymnasium, Health Centre, Ambulance Facility, Meditation & Yoga Centre and Transport facilities to shuttle between nearby cities. The institute is also having High Performance Computing (HPC) facility. The campus is 24 hours Wi-fi/LAN enabled.

Bengaluru Center of the Rajiv Gandhi Institute of Petroleum Technology named as, Energy Institute, Bengaluru. The purpose of this Energy centre would be to drive economic growth through energy research and development, energy innovation and entrepreneurship. Academic session has already been commenced from the year 2018-19.

Central Library

The RGIPT central library is fully computerized with a large and ever growing collection of books. Currently, more than 8000 books covering engineering, science, humanities and social science are available in the library. Currently, we are in the process to create the text book bank for the students in the library. A total of 15 printed journals, 14 magazines and access to over 30,000 full text online journals are available in the library. Campus wide internet connectivity provides students access to online library resources such as Infraline, EBSCO, Emerald, American Chemical Society (ACS), One Petro, SEG, AAPG etc.

Hostel Facility

Being a residential Institution. RGIPT provides separate hostel facilities for boys, girls and married scholars. The hostel offers a safe and secure environment to its residents and is under round the clock surveillance for the safety of students. The hostels are supervised by the Council of Warden and vigilant security personnel. Talent hunt, literary and socio-cultural events adds to the vibrancy of the hostel environment.

Why RGIPT?

- An Institution of National Importance along the lines of IITs established by the Govt. of India.
- It is an energy domain specific institute with the NIRF Ranking of 134.
- Co-promoted by six leading Oil Public Sector Units (ONGC, IOCL, OIL, GAIL, BPCL and HPCL) in association with the Oil Industry Development Board (OIDB).
- The Institute is associated with leading international universities and institutions specializing in the domain of Petroleum Technology.

Central Research Facilities

World-class teaching Institutions across the globe essentially boast of State-of-the-Art research environment as both teaching and research are both complementary. The Institution has established a Central Research facilities (CRF), where high end sophisticated equipment like NMR, XPS, XRF, FESEM, HRTEM, XRD, SAXS, AFM and many other are installed to characterize the samples of in-house researchers as well as received from outside. These facilities are maintained and operated by qualified technical personals. The aim of the CRF is to promote cutting edge research in the frontier areas of Energy and Petroleum at RGIPT.



Departmental Research Facilities:

Green Separation/Bio Fuel Lab; Polymer Material & Nano catalysis Lab; Strength of Material/Engineering Mechanics Lab; Heat Engine & Heat Transfer Lab; Mathematical & Stastical Simulation Lab; Chemical Engineering Lab; Chemistry Lab/Petroleum Product Testing Lab; Physics Lab; Communication Lab; Fuel Cell Lab/Heat Transfer Lab; Drilling Fluids Lab; Geosciences Lab; Drilling Fluids Design & EOR Lab; Petroleum Prospecting Lab; Geology & Geochemistry Lab; Business Analytic Lab; Nano Biotechnology Multiface Floor Lab; Physics & Renewable Energy Lab; Electrical Lab; Instrumentation Lab/Electronics Lab; Membrane Process Development Lab; Surveying Lab



www.rgipt.ac.in

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