



विद्यारत्नम महद्भनम्

# *Information Brochure*

## **M.Sc. Admission 2026**



**Rajiv Gandhi Institute of Petroleum Technology**

(An Institution of National Importance established by the Government of India)

Jais Campus, Amethi, Uttar Pradesh - 229304

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# PART A: General Information

## 1. About RGIPT

The Rajiv Gandhi Institute of Petroleum Technology (RGIPT) is an institution of national importance established by the Government of India to serve the energy sector. Recognized for its excellence in education and cutting-edge research, RGIPT operates closely with major public sector undertakings (PSUs) in the oil and gas industry. The institute focuses on critical and promising areas such as Green Energy, Artificial Intelligence (AI), E-Vehicle, and Digitalization. For aspiring students, RGIPT offers a unique blend of academic rigor and practical experience facilitated by state-of-the-art facilities and an industry-aligned curriculum. Additionally, RGIPT boasts a strong placement record, with its graduates securing positions in top-tier companies within the energy sector and beyond. The Institute is associated with leading international universities and specializes in the domain of Petroleum & Energy Technology. RGIPT offers B. Tech., M.Sc. and M.Tech. Programs in various Engineering disciplines along with an MBA programme. PhD programs in various areas of basic sciences, humanities, engineering and management are also offered by the Institute.

These programs seek to develop human resources of the highest caliber to cater to the needs of industries, R & D organizations, and academic institutions. The vision of the institute is excellence in education with character building.

Additionally, the Institute runs two centers for various academic, research, training and consultancy services. These two centers are located at Sivasagar, Assam and Bengaluru, Karnataka.

## 2. RGIPT Jais Campus

### 2.1. Energy and Human Sciences

The Department of Energy and Human Sciences (E&HS) at Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, is an interdisciplinary academic unit dedicated to education, research, and innovation in the field of sustainable energy, advanced materials, and environmental sciences. The Department aims to develop competent human resources with strong theoretical foundations and advanced experimental skills to address the challenges of energy transition, renewable energy deployment, carbon management, and sustainable technological development.

#### 2.1.1. Courses Offered

The department brags of highly qualified faculties with diverse expertise in the sustainable energy, advanced materials, field which will significantly enhance the interdisciplinary foundation of students and develop the scientific understanding and application-oriented skills relevant to sustainable technology, energy resources, and emerging carbon management challenges.

- Dr. Atul Sharma - Professor and Head, EHS
- Dr. Abhay Kumar Choubey - Professor
- Dr. Saurabh Mishra- Associate Professor
- Dr. Debashis Panda- Associate Professor
- Dr. Arshad Aijaz - Assistant Professor
- Dr. Tathamay Basu - Assistant Professor
- Dr. Vipin Amoli - Assistant Professor
- Dr. Shikha Singh- Assistant Professor
- Dr. Praveen Kumar Srivastava- Assistant Professor
- Dr. Tanmoy Ghosh - Assistant Professor
- Dr. Omvir Singh - Assistant Professor
- Dr. Malaya Kumar Sahoo - Assistant Professor
- Dr. Riya Wadhwa - Assistant Professor

## 2.1.2. Research Areas and Laboratories

The Department offers a two-year full-time M.Sc. programme in Sustainable Energy. The programme integrates physics, chemistry, materials science, chemical process technology, and data-driven methodologies to develop research-oriented and industry-ready professionals in the energy sector. It is designed to equip students with comprehensive knowledge and practical expertise required for emerging energy technologies and sustainable development.

The Energy & Human Science Department is equipped with state-of-the-art facilities that support science teaching, experimental research, and real-world problem-solving in modern energy systems related to sciences. The department fosters interdisciplinary research by integrating energy technologies with materials science, renewable energy to address global sustainability challenges. The laboratories are designed to provide students and researchers with hands-on experience and analytical capabilities aligned with contemporary science. These facilities enable innovation in clean energy, advanced materials, and human sciences, preparing graduates to contribute effectively to both technological advancements in renewable energy. Some of the prominent research areas are shown below.



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## Labs & Facilities

The department is equipped with well-established teaching and research laboratories. The laboratories are equipped with many instruments such as, Centrifugal Machine, Analytical Balance, Hot Air Oven, Magnetic Stirrer, Vacuum Pump, and Simulation Workstations.



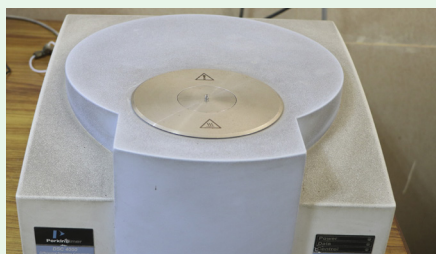
Thermal Conductivity Meter



Solar Simulator



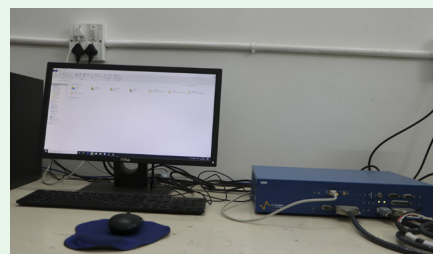
Fluorescence Spectrophotometer



Differential Scanning  
Calorimetry



High-performance Liquid  
Chromatography (HPLC)



Bi-Potentiostat  
(Biologic)



Potentiostat (Autolab)



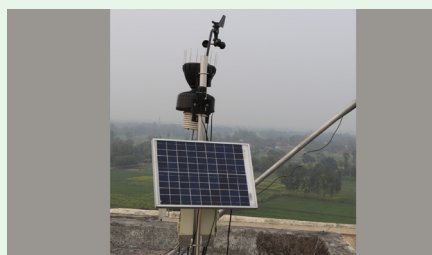
Cylindrical Gas Flow Reactor



Intra-Red Spectrophotometer



Gas Chromatograph (GC)



Automatic Weather Station



Rotary Evaporator (IKA)



Rotary Evaporator-3



Rentrifuge



Refrigerated Centrifuge

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*Refrigerated Centrifuge*



*Spin Coater*



*Tubular Furnace*



*Tubular Furnace*



*Vacuum Oven*



*Programmable Oven*



*Muffle Furnace*



*Dynamic Mechanical Analyzer (DMA)*



*Rotating Ring Disk Electrode (RRDE)*



*High Pressure Glass Reactor with Julabo*



*Probe Sonicator*



*Rotary Evaporator*

## 2.2. Petroleum Engineering and Geoengineering

The Department is the flagship branch of RGIPT (established in the year 2007) with the aim to make a significant contribution to the oil and gas industry in the country by providing industry-ready students who can work in the challenging and upcoming areas. The department, under the able guidance of six leading Oil PSUs (ONGC, IOCL, OIL, GAIL, BPCL, and HPCL), and in association with the Oil Industry Development Board (OIDB), has marked its presence to the academia and research in the domain of petroleum engineering. The department has experienced faculty members, technical personnel aided by industry experts. The undergraduate and postgraduate courses offered by the department are at par most International/National Universities in these domains.

### 2.2.1. Faculty

The department boasts of highly qualified faculties with diverse expertise in the engineering and geosciences field which will significantly enhance the interdisciplinary foundation of students and develop the scientific understanding and application-oriented skills relevant to subsurface exploration, energy resources, and emerging geoscience challenges.

- Dr. Tushar Sharma — Associate Professor and Head, PEGE
- Prof. Alok Kumar Singh — Professor
- Prof. Satish Kumar Sinha — Professor
- Dr. Shivanjali Sharma — Associate Professor
- Dr. Amit Saxena — Assistant Professor
- Dr. Hemant Kumar Singh — Assistant Professor
- Dr. Piyush Sarkar — Assistant Professor
- Dr. Shailesh Kumar — Assistant Professor
- Dr. Amit Kumar — Assistant Professor
- Dr. Siddhant Kumar Prasad — Assistant Professor

### 2.2.2. Research Areas and Laboratories

The PEGE department possesses state-of-the-art research facilities that enable advanced instruction, experimental research, simulation studies, and industry-oriented problem-solving skills within the upstream energy sector. The department maintains specialized laboratories that support comprehensive research in geology, geophysics, rock physics, drilling, reservoir engineering, production, geomechanics, and enhanced oil recovery. These facilities are meticulously designed to equip students with knowledge of contemporary industry practices and to provide researchers with the essential tools to explore innovative solutions for complex subsurface and production challenges. Some of the prominent research areas include

- Coal geology, geochemical, and petrological characterization studies of source rocks
- Geophysical and geomechanical prospecting and characterization studies of porous media.
- Novel enhanced oil recovery techniques
- Development of additives and characterization studies of drilling, completion fluids, and oil well cement
- Rock physics and pore network modelling



### 3. Programmes Offered and Objectives

#### 3.1. Department of Energy and Human Sciences

The Department of Energy and Human Sciences (E&HS) at Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais offers two-year full-time M.Sc. programme in Sustainable Energy. The programme aims to build a strong conceptual foundation in energy science, materials physics, and sustainable chemical processes. It develops analytical thinking, quantitative reasoning, and the experimental competence required to address complex energy challenges. Students gain a scientific understanding of energy conversion, storage systems, and advanced functional materials. The curriculum fosters critical thinking, problem-solving ability, and independent research skills. It also prepares students to apply scientific knowledge responsibly in addressing national and global energy transition needs

#### 3.2. Department of Petroleum Engineering and Geoengineering

The department of Petroleum Engineering and Geoengineering (PEGE) at RGIPT, provides comprehensive academic programs focusing on the exploration, production, and management of subsurface energy resources. The department primarily offers a Bachelor of Technology (B.Tech) programme in Petroleum Engineering discipline, as well as doctoral program (Ph.D.) encompassing advanced research areas in geoscience, drilling mechanics, reservoir studies, and enhanced oil recovery. This combines engineering fundamentals, geoscience knowledge, laboratory training, and industry-relevant curricula.

These programmes aims to equip students with a strong foundation in petroleum engineering and applied geosciences, enabling them to understand subsurface formations, characterize reservoirs, and design efficient drilling, production, and recovery systems. Students will acquire practical skills in well planning, reservoir simulation, formation evaluation, and drilling operations, along with a comprehensive understanding of fluid flow in porous media and geomechanics. The curriculum further enhances competencies in data interpretation, safety and environmental management, and modern digital oilfield tools. Overall, graduates will be well-prepared to address real-world energy challenges, optimize hydrocarbon recovery, and contribute to emerging fields such as geothermal energy, carbon sequestration, and sustainable subsurface engineering.

### 4. Highlights of M. Sc. Course Curriculum

#### 4.1. M.Sc. in Sustainable Energy (offered by Department of Energy and Human Sciences)

The M.Sc. programme in Sustainable Energy integrates physics, chemistry, materials science, chemical process technology, and data-driven methodologies to develop research-oriented and industry-ready professionals in the energy sector. It is designed to equip students with comprehensive knowledge and practical expertise required for emerging energy technologies and sustainable development

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### Programme Highlights for M.Sc in energy & Human Science

- Interdisciplinary curriculum integrating physics, chemistry, materials science, AI, and energy policy.
- Strong laboratory component with hands-on training in energy materials and device characterization.
- Industry exposure through field visits and industry-linked projects.
- Research-oriented course structure with Minor and Major Thesis in the final year.
- Focus on Indian Energy context including carbon management, hydrogen economy, and renewable deployment.
- Preparation for Careers in academia, PSUs, research labs and high-tech industries.

### 4.2. M.Sc. in Geosciences (offered by Department of Petroleum Engineering and Geoengineering)

M.Sc. in Geosciences has been designed as a future-oriented programme, to build strong fundamentals in core geology while connecting them to real-world applications in energy, environment, and conventional as well as unconventional resource management. The programme combines traditional geoscience disciplines such as petrology, structural geology, sedimentology, and stratigraphy with modern tools including remote sensing, seismic interpretation, GIS, analytical geochemistry, AI, machine learning, and geostatistics. Strong emphasis is laid on the field training, laboratory work, internships, and dissertation-based research which prepares students to address contemporary challenges in exploration, sustainability, and Earth-system analysis.

What makes the programme especially unique at RGIPT is its applied, interdisciplinary, and industry-aligned approach. Students gain exposure to petroleum systems, reservoir characterization, unconventional resources, geothermal energy, groundwater studies, natural hazards, and CCUS, while also developing computational and analytical skills that are increasingly vital in modern geoscience. The programme's dissertation and project components encourage independent research, innovation, and problem-solving. Students gain practical exposure and research mentorship, supported by advanced laboratory facilities, field excursions, and collaborations with leading research (CSIR-NGRI, IITs, GSI) and industry organizations (ONGC, OIL, Reliance, Vedanta and others). This prepares the graduates for both national and global roles across academia, research, and the industries in the energy, environmental, and geotechnical sectors.

### Programme objectives for M.Sc. in Geosciences

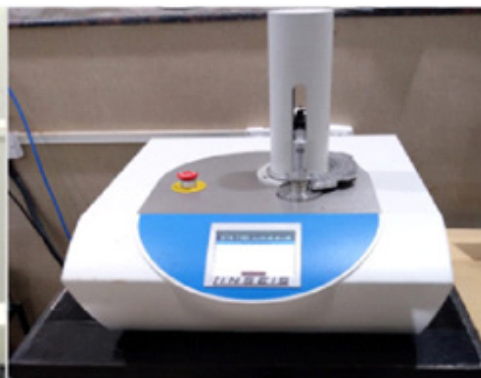
- Strengthening core geoscientific knowledge
- Integrate modern analytical and computational tools
- Develop interdisciplinary expertise by integrating geology, geophysics, environmental science, and civil/geotechnical engineering for collaborative and holistic problem-solving.
- Provide hands on practical exposure, encourage innovation and research
- Support national and global sustainability goals

## 5. Research and Industrial Opportunities

### 5.1. Central Instrumentation Facilities

The Central Instrumentation Facility (CIF) at the Rajiv Gandhi Institute of Petroleum Technology provides students with access to world-class research infrastructure, reinforcing the institute's strong emphasis on experiential learning. Equipped with advanced instruments such as NMR, XPS, XRF, FESEM, HRTEM, XRD, SAXS and AFM, the facility supports cutting-edge work in areas related to energy, materials, and petroleum engineering. What sets CIF apart is its accessibility to undergraduate and postgraduate students, who actively use these facilities for projects, including Design and Innovation Center initiatives, gaining valuable hands-on experience with sophisticated equipment. Managed by skilled technical staff, the facility ensures a safe and supportive environment for learning and experimentation. By integrating advanced research tools into the undergraduate and postgraduate experience, CIF enables students to develop practical skills, foster innovation, and engage with real-world scientific challenges from an early stage of their academic journey. It also helps nearby academic and R&D organizations and industries through offering technical and consultancy services. These equipment facilities are available for UG and PG students to pursue Design & Innovation Center project work.

High-resolution scanning electron microscopy (HR-SEM)



### 5.2. Design and Incubation Centre

A successful education is the one that infuses creativity. At RGIPT, the teachers strive to awaken joy of creativity and learning among the students. To strengthen its position as a world-class technical institute, RGIPT puts adequate emphasis on encouraging technical creativity among the students and faculty members. The Design and Innovation Center (DIC) is an initiative aimed at nurturing technical creativity and innovation within the RGIPT academic community. Under the DIC, the faculties and students propose innovation driven projects and the center supports by providing guidance, infrastructure, monitoring, and some funding as well, to run the projects.

The Design Innovation Center (DIC) has been constituted to sponsor and monitor the following kinds of technical projects:

- Short Term/Summer Projects (with duration around less than three months)
- Extended Projects/B. Tech. Projects: More than three months

### 5.3. Linkage with Industry

Students of RGIPT are encouraged to pursue their internship and research activities under the joint mentorship of faculty members of the Institute and industrial experts. The Institute is in the process of further widening this initiative by entering into MoUs with several reputed industries, with the objective of providing a larger pool of students access to joint industrial mentorship opportunities. For example, recently the institute has entered into collaboration with Algo8 to provide the students with the opportunity to pursue project work in the area of artificial intelligence and machine learning. The institute is in the process of widening the initiative further by bringing in several renowned industries into the ambit by signing of MoUs, so as to provide a large pool of students this opportunity of joint industrial mentorship. The linkage helps in training and placement as well.

### 5.4. National and International Collaboration

- a) Academic: MOUs have been signed with national and international institutions of repute for carrying out student exchange programs and also there is opportunity for credit transfer.
- b) Industrial: RGIPT has also signed MoUs with domain specific and other industries for various training programs, workshops for the exposure of students into the industry.

## 6. Career Opportunities

Engineering and Technology are the backbone of the societal development. Living, health, and economic standards of the people of the society depend on the availability of advanced materials, devices, and support service systems. The Institution has a dedicated Training & Placement Cell headed by a Professor In-charge to look after the placement activities. In an attempt to give world-class industrial exposure to students, the training and placement cell of RGIPT offers summer internship opportunities to its students. UG degree holders in engineering and technology are directly employed by a number of reputed industries through campus placement drive. RGIPT has an impressive placement record, with students being placed in reputed organizations, including public sector units (IOCL, ONGC, BPCL, HPCL, OIL etc.), with competitive compensation packages and also several multinational and national companies (Torrent Gas, Wipro Ltd, Shell, Infosys, TCS, Toshiba, Planet Spark, Indorama, Adani Gas, HLS Asia, Pluralsight India, Sun Petro, etc.). Graduates of RGIPT are well regarded by employers across the energy sector and are preferred for recruitment in relevant industry roles. Like the previous years, most of the leading companies and PSUs in the domain areas of Petroleum & Energy are visiting RGIPT for campus recruitment in 2025-26

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and offering jobs to all the eligible graduates in Chemical and Biochemical Engineering (CBE) and Petroleum Engineering (PE) disciplines. Furthermore, departments such as Computer Science Engineering (CSE), Electrical and Electronics Engineering (EEE), and Mathematics & Computing (MC) have been attracting recruiters from both IT and core sectors for undergraduate placements.

### 7. Campus Life at RGIPT

RGIPT Jais Centre is located at Jais, Amethi, Uttar Pradesh, and the campus is spread over 47 acres of land. Guru Gorakhnath Dham railway station (earlier known as Jais Railway Station) is around 1.5 km away, and it takes around 5 minutes to reach the Institute. The campus is equipped with a range of resident amenities, including a Bank of Baroda Branch and ATM, post office, cafeteria, stationery and grocery stores, gymnasium, health center, ambulance facility, meditation and yoga center, and shuttle bus services to nearby cities. The institute also has a high performance computing (HPC) facility. The campus is 24 hours Wi-fi/LAN enabled.



#### 7.1. Hostel

Being a residential Institution, it is compulsory for all students to reside in the campus during their programs. RGIPT provides separate hostel facilities for boys and girls. The hostel is under round the clock surveillance for the safety of students. The hostels are managed by the team of Council of Wardens. Talent hunt, literary and socio-cultural events add to the vibrancy of the hostel environment.

The major facilities available in the hostel are:

- Hostel rooms with adequate moving space and proper ventilation.
- Mess facility with a seating capacity of over 500 students,



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- Furnished rooms with bed, study table, chair, partitioned almirah, fan, fluorescent tubes.
- RO water purifier and geyser facilities.
- Round the clock power back up facility.
- Round the clock Wi-Fi and LAN internet connectivity.
- Indoor games like Badminton, Billiards, Table Tennis etc.
- Outdoor games such as Basketball, Volleyball, Lawn Tennis, Football and Cricket.

The mess serves sumptuous veg and non-veg food to the students. It is supervised by a team of students headed by a faculty member. The mess menu is a combination of tasty and nutritious food and is changed every month so as to bring in variety. In addition to the mess facility, the campus has a food court that remains open till late at night to cater to students' dining needs beyond regular mess hours. The student participation in hostel affairs is an essential component of the general administration and decision making.

### 7.2. Health Facilities

The Health Centre at the institute is equipped with basic health care facilities to handle minor illnesses and provide primary health checkups of students and employees. The campus health center is equipped to provide routine medical services and emergency first aid, supported by a full-time pharmacist and nurse. A qualified physician visits the campus at scheduled times during the week to attend to illnesses and provide medical consultation. The health centre has a large variety of medicines, which are provided to the students in case of minor sickness and health concerns. 24×7 ambulance service is available for catering to the critical cases. In case of serious medical emergencies patients are shifted to reputable nearby hospitals like Sanjay Gandhi Hospital Amethi, AIIMS Raebareli, etc. Advisory: Students are advised to have a Mediclaim policy before joining the campus.

Students' Grievance Redressal: A 8-member "Students' Grievance Redressal Committee" has been constituted for the redressal of the complaint/suggestions received from the students. So, any issue raised by the students will be solved by the committee and if it is required proper counselling will be conducted.

### 7.3. Centre for Computing and Information Services

The Centre for Computing and Information Services (CCIS) at the RGIPT serves as the technological backbone of the campus, supporting both academic and residential communities with state-of-the-art IT infrastructure. It provides uninterrupted high-speed gigabit network connectivity across academic buildings, hostels, library, and residential areas through a robust fiber-optic network, along with dedicated high-bandwidth internet access via the National Knowledge Network. The centre is equipped with high-performance computing facilities that enable advanced simulations in areas such as engineering, physical sciences, and data-intensive research. CCIS also offers licensed software, institutional email services, and in-house software solutions, ensuring a seamless digital learning environment. With modern servers, communication systems, and reliable power backup, CCIS plays a pivotal role in enabling cutting-edge research, innovation, and a digitally empowered campus experience.



### 7.4. Library

The Central Library at the Rajiv Gandhi Institute of Petroleum Technology is a fully computerized, state-of-the-art knowledge hub that supports academic and research excellence across the institute. It houses a large and continuously expanding collection of over 17,500 books, along with journals, standards, technical reports, and diverse digital resources spanning Engineering, Science, Humanities, Electronics, Computer Science, Social Sciences, and Management. The library provides access to an extensive range of print and online journals, including databases that collectively offer more than 150,000 full-text scholarly articles, enabling users to stay connected with global research developments. Through campus-wide high-speed internet connectivity and national initiatives such as ONOS (One Nation One Subscription), students and faculty benefit from seamless access to a vast corpus of scholarly literature. Key resources include Emerald Management, American Chemical Society (ACS), OnePetro, IEEE, MathSciNet, and SciFinder. Equipped with modern infrastructure, a comfortable reading environment, and advanced security systems such as RFID and CCTV surveillance, the RGIPT library fosters a secure, technology-driven, and intellectually stimulating atmosphere for learning and innovation.



### 7.5. Project Embedded Programmes

The goal of internship embedded M.Sc. programmes is to offer professional industrial experience up to 16 weeks to the students. The internship aims to familiarize students to the actual process of production and manufacturing associated with Industries. The exposure provides the students with industry readiness and promotes placement opportunities.

### 7.8. Student welfare

Institute maintains a student welfare fund to help the needy and deserving students. Student's welfare fund is subject to the policy of the institute.

## 8. Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) at the RGIPT plays a pivotal role in sustaining and enhancing the quality of academic and administrative processes across the institute. It works systematically to develop benchmarks, monitor teaching–learning activities, and promote best

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practices that ensure continuous improvement in curriculum delivery, evaluation methods, and institutional performance. Through regular feedback mechanisms, academic audits, and quality initiatives, the IQAC fosters a culture of excellence, accountability, and innovation. For students, this translates into a well-structured academic environment, updated curricula aligned with industry needs, and a consistent focus on holistic development, ensuring that they receive a high-quality and future-ready education at RGIPT.

## 9. Co-Curricular Activities

### 9.1. Science and Technology Council

The Science and Technology Council of RGIPT serves as a hub for innovation, critical thinking, and tech-driven activities. We aim to foster curiosity and experimentation among students by building a collaborative community for problem-solving and supporting both technical learning and entrepreneurial ideas. Our mission and vision are centered on empowering students to delve into technical and scientific domains while fostering a spirit of innovation to solve real-world challenges. We strive to provide meaningful exposure through seminars, webinars, and conferences, and to cultivate practical skills through hands-on workshops and interactive sessions. Our focus also includes nurturing leadership, teamwork, and organizational abilities, along with enhancing problem-solving, analytical thinking, and effective time management.

The Council functions through five major clubs: 1. Tinkering Club, 2. Kode Club, 3. E-Cell (Entrepreneurship Cell), 4. Astronomy Club, and 5. Product and Design Club.

The activities and achievements of club members as shown below.



### 9.2. Sports Council

Games and sports are crucial for the holistic development of students. It promotes health and the spirit of healthy competition between students. RGIPT offers excellent facilities and passionate coaches for students to engage in sporting facilities on campus. The institute boasts of various outdoor and indoor gaming facilities like badminton, basketball, volleyball, tennis, football, kho-kho, cricket, chess, table tennis, snooker, and carrom. The annual event of the Institute, Energia, draws the best teams from different colleges and institutions of the country. Besides Energia, the Institute organizes Inter-Collegiate and Intramural Sports events. Recently, the Institute organized a Mini-marathon to commemorate the birth anniversary of Sardar Vallabhbhai Patel, the Iron Man of India. RGIPT also offers a well-equipped gymnasium to its students for the maintenance of a healthy physique.



### 9.3. Social Council

The Social Service Council of RGIPT, stands as a beacon of purposeful engagement, committed to instilling the values of RESPECT—Responsibility, Empathy, Service, Perseverance, Equity, Compassion, and Teamwork—within the student community. Our guiding vision is to bridge the gap between the privileged and the underserved, not just through academic support but also through holistic development initiatives that uplift lives and build character. Our mission focuses on sustainable interventions for the benefit of weaker sections in nearby villages, reinforcing the belief that education transcends classrooms and becomes truly meaningful when it catalyzes social good. We encourage student involvement under the GROW approach—Guide, Respect, Organize, and Work—nurturing leadership, collaborative spirit, and a deep commitment to social equity.

Key Events and Initiatives (2024–25): Primary Teaching Initiative (Every Weekend), Blood Donation Camp, Swachhata Pakhwada, Science Exhibition, Religious and Cultural Celebrations, Arpan Orientation etc.



### 9.4. Cultural Council

The Cultural Council at RGIPT was established for the students to explore their unique talents and skills. The Council encourages students to represent the Institute at various fests and events. The Council organizes events like Kaltarang-Annual Cultural Festival, Pratidhwani-The Freshers' Night and celebrates festivities like the Garbha night, Deepavali, Eid and Christmas. In an attempt to provide a better platform to the students for showcasing their talents, the Cultural Council has formed four clubs: Film and Media Club, Music Club, Dance Club, and Fine Arts Club.



### 9.5. Student Chapters

There are many active student chapters at RGIPT such as IEEE, IICHE, SPE, FIPI, AAPG, AICHE, and SEG. The purpose of the student chapters is dissemination of knowledge of the theory and practice of all aspects of engineering and the furtherance of the professional development of the Student Member. Student chapter aims to provide the students with an opportunity to enrich their knowledge concerning a diverse range of domains, inculcating the sense of responsibility, and enhancing their potential. Student Chapter organizes seminars, guest lectures, analytical quizzes, placement talks, and intern talks among many other events enabling the attendees to have an overall growth while enriching and inculcating in them a sense of confidence.

## 10. Alumni Association

Alumni Association by the name of “Rajiv Gandhi Institute of Petroleum Technology Alumni Association” has been formed at the institute with the purpose to foster the ties between alumni, the community and RGIPT and to motivate and engage alumni with the parent organization. The

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mission of the association includes reconnecting alma mater to their alumni, providing a vibrant forum for interaction and networking among alumni, mentoring role to current students and associating with RGIPT for its prospective plans and fund-raising activities.

### 11. Safe Campus of Girls

RGIPT is deeply committed towards providing a safe and comfortable environment for its female students in the campus. The Women cell of the institute has been active since 2016 and regularly organizes seminars and workshops to promote gender sensitivity in the institution and nearby organizations. The success rate of the female students is very high with almost all of them placed either as Engineers/Managers or are pursuing higher studies in renowned educational institutes in India and abroad. The female students are provided with dedicated hostel facilities and a safe & secure environment.



## PART B: Admission

### 1. M.Sc. Admission 2026-27

Admission in 2025-2026 for 2-year M. Sc. will be in the following disciplines. The seat matrix of available seats in all disciplines as shown below.

#### 1.1. Seat Matrix

Table 1: The branch-wise distribution of seats for M. Sc. program is as follows:

M. Sc. Programmes	Total Seats	Unreserved (40.5%)	EWS (10%)	OBC-NCL (27%)	SC (15%)	ST (7.5%)
Geosciences	30	12	3	8	5	2
Sustainable Energy	50	20	5	13	8	4
<b>Total</b>			<b>80*</b>			

\*RGIPT Jais campus thrives to ensure 20% girl students, either through merit or through supernumerary seats. Pwd reservation as per rules.

#### 1.2. Application Fee

The application fee is non-refundable

- Rs. 708/- for SC/ST/PwD and female Candidates
- Rs. 1416/- for all other candidates

#### 1.3. Eligibility Criteria

Candidates seeking admission to the M.Sc. programs for the academic year 2026–27 must apply online through the Institute’s official admission portal, in accordance with the eligibility criteria outlined below.

Eligibility and Minimum Qualifications:

- a. M.Sc. in Geosciences
  - i. Candidate must have qualified in JAM 2026 in Geology.
  - ii. Must have secured  $\geq 60\%$  aggregate marks in B.Sc.\* (relaxation to  $\geq 55\%$  for SC/ST/PwD categories).
- b. M.Sc. in Sustainable Energy
  - i. Candidate must have qualified in JAM 2026 in Physics/Chemistry.
  - ii. Must have secured  $\geq 60\%$  aggregate marks in B.Sc.\* (relaxation to  $\geq 55\%$  for SC/ST/PwD categories).

#### Important Notes:

- Submission of an application does not guarantee admission.
- Allotment of seats is strictly based on merit and is subject to the availability of seats in the respective admission round.
- For admission to the M.Sc. in Sustainable Energy program, JAM scores in both Physics and Chemistry will be considered. Preference will be given to candidates with a lower rank in the

## Information Brochure

qualifying examination. In the event of a tie in the All India Rank (AIR), candidates with higher marks in the qualifying examination will be given preference. If the qualifying examination marks are also the same, preference will be given to candidates with a higher graduation percentage.

### 1.4. Application Rounds

If seats remain vacant after considering all eligible candidates in Round 1, subsequent admission rounds may be conducted.

Note: Candidates applying in later rounds (e.g., Round 2 or Round 3) will be considered only for seats remaining vacant after the completion of earlier rounds.

### 1.5. Reservation

Reservation policy as per the Government of India directive will be followed. In addition, following the GOI directive and to encourage technical education among the girls, few seats<sup>#</sup> will be reserved for female candidates on a supernumerary basis over the current strength. The Certificate for SC/ST/OBC (NCL)/PwD/EWS must be submitted in the specified format during time of admission.

<sup>#</sup>For details see Table 1.

### 1.6. Important Dates

Proposed tentative date for application and counselling for M.Sc. admission 2026-27

Event	Date
Portal Opening for online application (Round-1)	May 11, 2026 (Monday)
Last date of online application (Round-1)	June 7, 2026 (Sunday)
Seat Allotment for Round-1.1	June 9, 2026 (Tuesday)
Last date for full fee payment for Round-1.1	June 17, 2026 (Wednesday)
Seat Allotment for Round-1.2	June 18, 2026 (Thursday)
Last date for full fee payment for Round-1.2	June 28, 2026 (Sunday)
<b>END OF ROUND-1*</b>	

\* The above timeline is tentative, and additional sub-rounds may be conducted if the seat remains vacant after sub-round-1.2 and for valid applications of Round-1.

Tentative Opening of admission portal (Round-2)	June 29, 2026 (Monday)**
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Closing of admission portal (Round-2)	July 6, 2026 (Monday)
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\*\* The application portal for Round-2 will be open only if seat remains vacant after considering all valid applications of Round-1.

\*\*\* The above timeline is tentative and may be extended depending on the number of applications received.

Opening of admission portal (Round-3): Will be declared later (if seat remains after considering all valid applications of Round-1 and Round-2)

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### 1.7. Fees Details

The admission fee for students to be admitted in Academic Year 2025-26 as follows.

A. ONE TIME PAYMENT AT THE TIME OF ADMISSION (NON-REFUNDABLE)			
Sl. No.	Particulars	2-Year M.Sc.	
		GEN/OBC/EWS	SC/ST/PwD
1	Admission Fee	4,000.00	4,000.00
2	Alumni Membership Fee	1,000.00	1,000.00
3	Students' Welfare Fund	1,000.00	1,000.00
4	Thesis Fee	—	—
<b>Total</b>		<b>6,000.00</b>	<b>6,000.00</b>
B. DEPOSITS PAYABLE AT THE TIME OF ADMISSION (REFUNDABLE)			
1	Caution Money	9,000.00	9,000.00
<b>Total</b>		<b>9,000.00</b>	<b>9,000.00</b>
C. SEMESTER FEE PAYABLE FOR EACH SEMESTER (NON-REFUNDABLE)			
1	Tuition Fee	50,000.00	*37,500.00
2	Examination Fee	2,000.00	2,000.00
3	Registration/Enrollment Fee	1,000.00	1,000.00
4	Students Amenities Fee	2,000.00	2,000.00
5	Hostel Establishment Fee	8,000.00	8,000.00
6	Hostel Seat Rent	8,000.00	8,000.00
7	Medical Fee	1000.00	1000.00
8	Academic Activities Fee	15,000.00	15,000.00
<b>Total</b>		<b>87,000.00</b>	<b>74,500.00</b>
AMOUNT PAYABLE AS INSTITUTE'S DUES AT THE TIME OF ADMISSION (FIRST SEMESTER)			
1	<b>TOTAL OF 'A', 'B' &amp; 'C'</b>	<b>102,000.00</b>	<b>89,500.00</b>
AMOUNT PAYABLE AS INSTITUTE'S DUES FOR OTHER SEMESTER			
1	<b>TOTAL OF 'C'</b>	<b>87,000.00</b>	<b>74,000.00</b>

\* 25% fee waived off for SC/ST/PwD students

FEES FOR FOREIGN STUDENTS			
Sl. No.	Particulars	2-Year M.Sc.	
		For SAARC Countries	For other countries
1	At the time of admission	US \$1000.00 + Rs. 102,000.00	US \$2000.00 + Rs. 102,000.00
2	Other Semester Fee	US \$1000.00 + Rs. 87,000.00	US \$2000.00 + Rs. 87,000.00

- In addition, all students will pay a mess advance of ₹ 25,000.00 per semester at the beginning of each semester, which will be adjusted towards actual bills at the end of each academic year.
- A charge of @50.00 per day shall be levied for hostel accommodation during summer break for PG students, Mess facility might be available on per day payment basis. Prior approval from the competent authority would be mandatory for students willing to stay in the hostel during the summer break.

**\*NOTE:**

- Student must deposit the semester fees and mess advance at least seven days prior to the date of physical registration.
- Hostel accommodation and mess facilities will be provided only after the full payment of semester fees, mess advance and clearance of dues.

## Information Brochure

- c) Physical registration will not be permitted unless all dues are cleared. Students failing to do so will be treated as non-registered.
- d) A non-registered student shall not be allowed to attend classes and will be marked absent during the period of non-registration.

### 1.7.1. Refund Policy

**Case-I: For candidates who have deposited the full fees and are seeking withdrawal within three (3) days after the last date of the respective sub-round. (Till 23:59 IST)**

Candidates who have deposited the full fee and seek withdrawal from the program for any reason within three (3) days after the last date of the respective sub-round will be eligible for a refund. The refundable amount shall be the total fee deposited minus a processing fee of Rs. 1,500.

**Table:** Amount to be refunded within three (3) days after the last date of the respective sub-round

Withdrawal Dates	Amount to be refunded	
	GEN/OBC/EWS	SC/ST/PwD
within three (3) days after the last date for full fee payment of the respective sub-round	Rs. 1,02,000 - Rs. 1500** = Rs. 1,00,500	Rs 89,500 - Rs. 1500** = Rs. 88,000

*\*\*Processing Fee (Rs. 1,500/-) shall be deducted from the total fees deposited excluding non-refundable application fees.*

**Case-II: For candidates who have deposited the full fees and are seeking withdrawal after three (3) days from the last date of the respective sub-round.**

Candidates who have deposited the full fee and seek withdrawal from the program for any reason after three (3) days from the last date of the respective sub-round shall be eligible for a refund of only the security deposit/caution money of Rs. 9,000.

Note: The Institute shall not be held responsible for any delay on the part of the candidate for any reason whatsoever. No concession or relaxation will be granted in such cases.

For seat withdrawal, a formal request must be submitted:

1. through the ERP portal (during the admission process), or
2. through the DPGC (after the registration date).

### 1.8. Application Process

Interested candidates should submit their application online before the stipulated deadline as mentioned in Table 2. It may be noted that candidates from Assam, Meghalaya, Jammu & Kashmir are exempted from entering Aadhar Number in the application form. However, during admission they have to produce any Government approved identity proof like Passport/Ration Card/Bank Passbook/Other valid government identity card. Candidates from other than these states must provide an Aadhaar Number. The applicant shall follow the Step by Step instruction given below to complete the application procedure.

#### Step-1 Procedure for Registration as a New Student

1. Choose M.Sc. Program and click [Proceed for Registration].
2. Now you are in the Registration page.
3. Fill all the details carefully: Name of Applicant, Date of Birth, Category, Mobile Number and Email ID. After filling all the details click on [Register] button.

## Information Brochure

4. Your Registration Number will display on your screen, note it down for future references. Along with an OTP and the same Registration Number will also be sent to the mobile number that you have entered. Fill that OTP in the given section and click on [Proceed] button.
5. After clicking on Proceed button a Password will be generated and sent to your mobile number and email ID.

### Step-2 Procedure to Login

1. Enter your login credentials received through SMS and/or Email to login into the Online Admission Application System
2. After Login you will be redirected to the Instructions section. Read the instructions carefully before filling the form.
3. In case you forgot your password then click on Forgot Password button and do the necessary proceedings.

### Step-3 Procedure to Fill Personal Information

2. After Login, the candidate will be redirected to Personal Information page.
3. Fill your details like Father's Name, Mother's Name, Caste Certificate Number, Aadhar Number, Nationality etc.
4. After filling all the details correctly click on Save & Continue button.
5. You will receive a Pop-up Message of successful submission of details. Click on OK button to proceed.
6. Fields marked with \* are mandatory.

### Step-4 Procedure to Fill Address & Contact Details

- After successful submission of Personal Information applicant will be redirected to Address & Contact Details page.
- Fill your details like Alternate Mobile Number, Local Address, Email ID of Father/Guardian etc.
- Click on Checkbox if your Permanent Address is same as Correspondence Address, else fill the details of Permanent Address.
- After filling all the details correctly click on Save & Continue button.
- You will receive a Pop-Up Message of successful submission of Address & Contact Details. Click on OK button to proceed further.

### Step-5 Procedure to Fill Academic Qualification Details

- After successful submission of Other Details applicant will be redirected to the Academic Qualification Details Page.
- Fill the details related to High School & Intermediate like Roll Number, Passing Year, Board, Name of College, Marks Obtained etc.
- After filling and selecting all the details correctly click on Save & Continue button.
- You will receive a Pop-Up Message of successful submission of details. Click on OK button to proceed further.

### Step-6 Procedure to fill qualifying exam (JAM) details

- After successful submission of Academic Qualification Details applicant will be redirected to Other Qualification Page.
- Fill your Qualifying exam (JAM) details
- After filling all the details correctly click on Save & Continue button.
- You will receive a Pop-Up message of successful submission. Click on OK button to proceed.

### Step-7 Procedure to Fill Bank Details (In case of refund)

- After successful submission of qualifying exam details applicants will be redirected to the Bank Details Page.
- Fill your details like Name of Account Holder, Name of Bank, Account Number, IFSC Code, PAN.
- After filling all the details correctly click on Save & Continue button.
- You will receive a Pop-Up Message of successful submission of details. Click on OK button to proceed further.

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### Step-8 Procedure to Upload Documents

1. After successful submission of Bank Details applicants will be redirected to the Upload Documents page.
2. Upload the photograph and signature of applicant's in JPG/JPEG format whose file size should not exceed 100 KB each.
3. Upload your Category/PwD certificates, 10th and 12th Marksheet, JAM scorecards, whichever is applicable.
4. Click on Save & Continue button.

### Step-9 Preview of Application

- After successfully uploading the documents the applicant will be redirected to the Review Application Page.
- In case you wish to make any change in the form you can click on Edit button of that particular form and make required changes.
- After final review of the application, click on Checkbox of declaration and then click on Save and Continue for Application fee payment..

### Step-10 Procedure to Submit Admission Application Fee

- i. You will be redirected to the Fee Payment page. Pay the prescribed fees using Debit Card/Credit Card/Net Banking/UPI. The stipulated application fee to be paid is given in the Clause 6.7 for reference.
- ii. Select your Payment Mode and click on Proceed to Pay Online button.
- iii. You will be redirected to Payment Gateway through which you will have to submit the fees.
- iv. After successful payment you will be redirected to Payment Details page where you can download the payment receipt by clicking on [Download Receipt] button.

### Step-11 Final Submission of application

1. After payment of applicable admission fee, you will be redirected for Final Submission of Form. Click on No, Cancel It! button in case you are not sure for final submission of form else click on Yes, I Am Sure! button.
2. Applicant can download the submitted application by clicking on Download Application Form button and can download the Payment Receipt by clicking on Download Receipt button which will appear after final submission of application.

**Note:** Changes will be permitted only until the last date of the application round in which the candidate has applied.

### Step-12 Selection and Admission Offer

- a. A selection list of the shortlisted candidates will be prepared and published on the Institute Website in the Admission Portal.
- b. The candidates will be required to pay the fee for consideration of admission
- c. The selected list of candidates for subsequent rounds shall be published based on the availability of seats.
- d. All the above activities will be carried out following a strict timeline as mentioned in Table 2. The candidates should be aware of the timeline and must adhere to the same.

## 2. Admission Office

Third Floor, Administrative Block, Rajiv Gandhi Institute of Petroleum Technology  
Bahadurpur, Jais, Amethi, U.P-229304

Phone (Landline): 0535-2704565/68/95

Timing: 9:00 AM - 6:00 PM (On all working days- Monday to Friday)

Email: msc\_admission@rgipt.ac.in

Mobile No.: +91-9151652404



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## How to reach

RGPT Location [\[Click here\]](#)

### Major Route Maps:

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- ▶ From Allahabad Airport & Railway Station to RGPT [\[Click here\]](#)
- ▶ From Varanasi Airport & Railway Station to RGPT [\[Click here\]](#)
- ▶ From Rae Bareli Railway Station to RGPT [\[Click here\]](#)
- ▶ From Jais Railway Station to RGPT [\[Click here\]](#)
- ▶ List of Trains passing Via Jais [\[Click here\]](#)

## Important Links

- ▶ About RGPT [\[Link\]](#)
- ▶ About Director [\[Link\]](#)
- ▶ About Academics [\[Link\]](#)
- ▶ About Placement [\[Link\]](#)
- ▶ About Research Activities [\[Link\]](#)
- ▶ About Faculty Members [\[Link\]](#)

### Contact:

Third Floor, Administrative Block  
Rajiv Gandhi Institute of Petroleum Technology  
Bahadurpur, Jais, Amethi, U.P-229304  
Phone (Landline): 0535-2704565/68/95  
Timing: 9:00 AM - 6:00 PM (On all working days-  
Monday to Friday)  
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