



FOR FEMALE STUDENTS

Urja Shakti 2026

National-level essay competition for female students studying in 10+2 with Physics, Chemistry and Mathematics (PCM).

Submission starts from 8 sep 2026 to 9 nov 2026

1,000 words
Maximum Essay Length

₹15,000
First Prize

TOP 50
Lab Visit at RGIPT, Jais, Amethi



SCAN TO SUBMIT

ABOUT RGIPT

Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais, is an autonomous institution established by Ministry of Petroleum and Natural Gas (MoPNG), GOI. 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.

The Institute’s mission is to build world-class human resources for India’s petroleum and energy sector through Diploma, BBA, B.Tech, IDD, M.Tech, MBA and Ph.D. programmes across engineering, sciences, humanities and management.

ABOUT URJA SHAKTI

Urja Shakti is an initiative by RGIPT to celebrate and promote female presence in the Energy Sector. Started in 2021, it provides a platform for young women to explore diverse dimensions of the energy sector, build confidence and become future leaders and entrepreneurs through knowledge, innovation and impactful ideas. “Urja” represents Energy and “Shakti” represents Feminine Power.

PATRON

Prof. Harish Hirani, Director, RGIPT

CORE COMMITTEE

Dr. Shweta
(Chairperson)

Dr. Supriya Pulipaka
(Member Secretary)

Dr. Sajal Agarwal
(Member)

Dr. Pallavi Saikia
(Member)

Dr. Shikha Dwivedi
(Member)

Dr. Vasu Chaudhary
(Member)

Dr. Riya Wadhwa
(Member)

STUDENT COORDINATORS

Komal Yadav
+91-7015308354

Tanishka Singh
+91-8127030060



urjashakti@rgipt.ac.in

[CLICK FOR SUBMISSION](#)



Submission starts from 8 sep 2026 to 9 nov 2026

CELEBRATING WOMEN · ENERGIZING ENERGY

“The path from dreams to success does exist. May you have the vision to find it, the courage to get on to it, and the perseverance to follow it.”

— KALPANA CHAWLA

Eligibility & Essay Guidelines

Keep your work original and follow every submission requirement carefully.

WHO CAN PARTICIPATE

Female students in the following categories:

Currently studying in Class 11 or 12

Students must be 10+2 with Physics, Chemistry and Mathematics (PCM).

≤ 20 years Maximum age as on 31 December 2026

Passed Class 12 in 2026? You may participate if you are not enrolled in any Diploma or UG programme.

ESSAY GUIDELINES

01 · Word Limit

Maximum **1000 words**.

02 · Language

Essay must be written in **English**.

03 · Paper & Format

Legibly handwritten on **A4-size paper**. Handwritten essays may use black or blue pen only.

04 · Details on Every Page

Write your **Name, Father's Name, Age and Institution** on every page.

05 · Original Work Only

The essay must be self-written. Plagiarized or AI-generated essays will be disqualified.

RECOGNITION

Awards & Prizes



1st PRIZE

₹15,000



2nd PRIZE

₹10,000



3rd PRIZE

₹3,000

OFFICIAL THEMES

T1 · AI, ML & IoT

AI, ML, IoT & Application in Petroleum Industry · Cybersecurity · Automation in the energy sector.

T2: RENEWABLE

Unconventional / Renewable Energy Sources · Sustainable energy pathways.

T3 · WASTE TO ENERGY

Waste to Energy / Zero Waste Energy · Waste-to-energy systems · Resource recovery and circularity.

T4 · STORAGE & GRID

Energy Storage & Utilization / Grid Modernization · Flexible energy infrastructure.

T5 · POLICY & CLIMATE

Energy Policies & Climate Change · Transitions across the energy sector.

T6 · EMERGING ENERGY

Emerging Energy Technologies · Strategies for CO₂ capture and utilization.

TOP 50 · RGIPT CAMPUS VISIT

The top 50 selected participants will be invited to visit the engineering labs at the RGIPT Jais Campus.

E-MERIT CERTIFICATES

An E-Merit Certificate will be awarded to the 10% of entries shortlisted by the technical committee for the final round of selection in each theme.