



PANDIT DEENDAYAL PETROLEUM UNIVERSITY

GANDHINAGAR, GUJARAT

NAAC Accreditation with A Grade (3.39 out of 4.00)

Admissions Announcement for Academic Year 2020-21 2 year M. Tech. programme in Nuclear Science & Technology

- Nuclear power has emerged as an environment friendly, carbon – free option to meet the ever increasing demand electricity at an affordable price .
- In the non-power nuclear sector, there has been enormous growth of radioisotopes application in food & agriculture, medicine & healthcare, materials analysis & evaluation and research & industry.
- PDPU also offers training in nuclear safety, security and safeguards towards growing importance on radiation safety .
- The career opportunities in nuclear science & technology is in the growth path and PDPU is continuously updating its curriculum to provide better employment opportunities for the students in research, academics and industry in India and abroad.

Come join the ambitious and dynamic work force to make our country strong in a field which will constitute the most in ensuring Energy Security in India.



Here are some facts about Nuclear Science & Technology



- Presently 449 Nuclear reactors with total installed capacity of 392GWe are in operation in 30 countries generates 11% of global electricity.
- Worldwide 60 new reactors are under construction.
- Currently in India 22 reactors are in operation and 5 New reactors are under construction. DAE has launched a major expansion program involving indigenous PHWRs and constructing LWRs in collaboration with reputable overseas reactor vendors.
- Nuclear Energy has non-power applications in Food Preservation, Agriculture, Medicine, and Industrial testing & inspection.
- DAE is also facilitating nuclear agriculture and food irradiation & preservation as a part of the national food security program.
- Over 40% of the existing work force is retiring and needs replacement worldwide.
- Best time to enter the field of Nuclear Science & Technology.

Why Pandit Deendayal Petroleum University?



- ❖ World Class Infrastructure.
- ❖ Curriculum based on Industry needs.
- ❖ Faculty with International exposure.
- ❖ State-of-the-art Infrastructure and facilities.
- ❖ Rigorous Industrials trainings.
- ❖ Ample placements opportunities in India & Abroad
- ❖ Opportunities to work at major Nuclear establishments such as IGCAR, IPR, BARC, NPCIL.
- ❖ PDPU has collaboration with Texas A & M University, USA, Institute for Plasma Research and other Leading Research and Academic Institutes.
- ❖ Expert members from BARC, NPCIL in Board of Studies
- ❖ Nuclear Fusion and Plasma Technologies are also the part of curriculum
- ❖ **Prof. Chaitanyamoy Ganguly (Padam Shri)**, Retired Distinguished Scientist, Department of Atomic Energy , Govt. of India former Chairman and Chief Executive Nuclear Fuel Complex , Hyderabad and former Head , Radio-metallurgy Division , BARC, former director CSIR-CGCRI, Kolkata and former Head , Nuclear Fuel Cycle and Materials Section, International Atomic Energy Agency (IAEA) , Vienna is a Mentor and a Faculty Member of the M.Tech. Nuclear Engineering programme

Eligibility Criteria: B.E./B.Tech. or equivalent in any discipline including Mechanical/Electrical/Electronics/Control/Chemical/Civil/Metallurgical/Production/Industrial/Environmental/Agriculture Engineering/Food Technology/Nano Technology OR M.Sc. in any discipline including Agriculture Science/Food Technology/Physics/Chemistry/Electronics/Nuclear Physics; with minimum 60% or CPI/CGPA of 6.5/10 point scale as an aggregate of all the semesters.

How To Apply Apply Online at <http://www.pdpu.ac.in/admissions-masters.html>

Contact Us

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FELLOWSHIP:

- ❑ ₹12,400/-p.m. for GATE qualified
- ❑ ₹8,000/-p.m. for Non-GATE

Admission query contact @

Phone: +91-79-23275077, 5060

Email: admission.mtech@pdpu.ac.in

For More Details please visit us @ <http://sot.pdpu.ac.in/nucleareng.html>