



B.Tech. - Petrochemical Engineering



CORE SUBJECTS OR CURRICULUM

- Geomechanics
- Petroleum Exploration
- Drilling and Well Completion
- Instrumentation Engineering
- Estimation and Characterization of Petroleum Products
- Petroleum Economics
- Environment and Hazard Management
- Petroleum Refining Engineering
- Petrochemical Technology
- Natural Gas Processing
- Polymer Technology

ELIGIBILITY

Std. 12th (Science) with minimum 45% for Open (40% for SC/ST/SEBC/EWS) of theory or (theory and practical) marks of Physics and Mathematics with (Chemistry or Biology or Computer or Vocational Subject) from single board.

DURATION

Four year full time Degree Engineering Course

POSSIBLE CAREER OPPORTUNITIES

- A candidate with B.Tech. in Petrochemical Engineering may serve as Petrochemical Engineer, Drilling & Production Engineer, Operations Manager and Maintenance Engineer in Industries. A degree holder gets opportunities in Oil and Gas companies, Petrochemical Industries, Plastic and Rubber Manufacturing Industries, Polymer Industries. Following companies provide jobs to Petrochemical Engineers: Oil and Natural Gas Corporation Limited (ONGC), Hindustan Petroleum Corporation Limited (HPCL), Bharat Petroleum Corporation Limited (BPCL), Indian Oil Corporation Limited (IOCL), Essar Oil, Gujarat Petrochemical Ltd., GAIL India Ltd., OPAL, Gujarat Gas Ltd. and Many More...
- Students interested for higher education in Petrochemical Engineering may also opt for M.Tech. courses in India or Foreign countries. Faculty of Technology & Engineering, MSU, Baroda, PDPU, Gandhinagar, IIT Bombay, Indian Institute of Mines, Dhanbad etc. are few of the reputed Indian Institute offering M.Tech. in Petrochemical Engineering.



FOR ADMISSION INQUIRY

Helpline: +91- 7383928401, +91 2762 226352

Write to us at: admission.uvpce@ganpatuniversity.ac.in

Apply online: <https://ganpatuniversity.nopaperforms.com/>

ABOUT INSTITUTE

Ganpat University - U. V. Patel College of Engineering, established in 1997, has emerged as a premier self-financed engineering institute of the University, providing opportunities to students for acquiring quality engineering education, contributing for all round development of their inner traits and making them better citizens. The Institute, at present, offers various undergraduate, postgraduate and Ph.D. programmes. These courses are duly approved by All India Council for Technical Education [AICTE], New Delhi/UGC and Commissionerate of Technical Education, Government of Gujarat

ABOUT DEPARTMENT



The course on B.Tech. in Petrochemical Engineering is run under the Department of Mechanical & Mechatronics Engineering. The other courses run under this department are Mechanical Engineering, Mechatronics Engineering, Automobile Engineering and Robotics and Automation. The courses are run since last 20 years. The laboratory is equipped with state of the art instruments and devices. The department is also engaged in many students' activities like Robocon, SAE BAJA competition, eYantra lab initiative, Aeromodelling club and GUNITinker Club.

AWARDS AND SCHOLARSHIP

GUNI Alumni Student

Ganpat University graduates are offered Special scholarship in tuition fees.

Rank Scholarship

- The Institute/University gives awards and scholarships to the meritorious students securing first, second and third positions in all specialisations separately.
- Gold medals for the scholastic performances are also given by the university during the convocation ceremony.

CAMPUS FACILITIES

Hostels for Boys and Girls with Internet facility. Banks on campus (SBI and MUCB) • ATM • Post office • Play grounds for Cricket, Football, Volleyball, Kabaddi, Khokho etc... • Olympic level Sports Complex • Gymnasium • Healthcare centre • Canteen • Transport facilities from Ahmedabad, Gandhinagar, Mehsana, Becharaji, Visnagar, Satlasana, Palanpur, Deesa, Patan, Radhanpur, Siddhpur, Unjha, Vijapur, Himmatnagar, Kalol on daily basis.

CAMPUS LIFE

Spend a day on campus and feel vibrancy, youthfulness, fun and excitement. Ambience, facilities, friends and mentors along with eventful academic calendar will make the life on campus interesting. Student can be part of events like Convergence, annual day, Youth festival, NSS activity and be member of various clubs/professional bodies like Robotics, SAE Baja, E-Yantra, Aeromodelling, INNOV8, Code seeker, IEEE, ISTE etc. that contribute towards all round development.

PLACEMENT STATISTIC OR PARTNERS

Various companies are available in Gujarat and India supporting the course on B.Tech, in Petrochemical Engineering like ONGC Mehsana, Gujarat Petrochemical Ltd., Indian Oil Gujarat Refinery, Barauni Petrochemicals, Bayer ABS, Cetex Petro, Chemplast Sanmar, Cochin Refineries, Digboi Petrochemicals, Finolex Industries, Guwahati Petrochemicals, Haldia Petrochemicals, IBP, IG Petrochemicals, Petroleum Corporation, Mangalore Petrochemicals, Mathura Petrochemicals, Mumbai Petrochemicals, NOCIL, IPCL, Panipat Petrochemical, Reliance Industries, South Asian Petrochem, SPIC, SRF, Vishakapatnam Petrochemicals Plant.

