



BHAGWANT UNIVERSITY

AJMER, RAJASTHAN

Established by Govt. of Rajasthan and Recognized by UGC, ISO Certified
Approved by BCI, PCI, NCTE, Member of AIU, IAP, AIMA, FICCI

Awarded by Kapil Sibbal as
"Best Group of Institutions"
by AAJ TAK & Royal Brand Pvt. Ltd.

Awarded by Najma Heptulla as
"Best Self Financing University in Rajasthan"
by Prime Time Research Media Ltd.



DEPARTMENT OF PETROLEUM ENGINEERING

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BHAGWANT GROUP OF INSTITUTIONS

MESSAGE FROM CHANCELLOR



Dr. Anil Singh

Bhagwant Group of Institutions, a renowned name in the realm of education has taken giant strides for its progress. Bhagwant University Ajmer, Rajasthan has been established with an object of imbibing academic excellence, upholding and maintaining ethical values. It is enriching knowledge, skills, attitude and self belief, so as to enable students to be successful in their future endeavor.

It is providing comprehensive, multifaceted, inter disciplinary, world class education with its dedicated, involved and committed staff. Bhagwant University plays a vital role in the socio-economic growth of the nation.

I welcome student fraternity to experience the amiable educational environment at Bhagwant University and discover new horizons

ABOUT THE UNIVERSITY

Bhagwant Group of Institutions has been started by a Group of NRIs, Engineers and Academicians in 1999, who have done a pioneering work in the field of education. It's a matter of pride and honour that under the aegis of Bhagwant Group of Institution, Bhagwant University, Ajmer, Rajasthan has been established in 2008 by Act No. 18 u/s 2f of the UGC Act 1956. Bhagwant University has well established center for Engineering, Management, Science, Pharmacy, Education, Hotel Management, Physiotherapy and Mass Communication with state of the art facilities for training and research. It is providing quality education for rural and urban citizens through different modes at par with global standards.

FOREIGN COLLABORATION

Our University has developed relationship with reputed Foreign Universities and colleges around the globe for student and faculty exchange, development programme and International Internship.

The Universities with whom we have Tie-ups are :

- Sheffield Hallam University, UK
- Gannon University, Pennsylvania, USA
- University of Western Australia, Perth, Australia
- Norwegian University of Life Sciences, NMBU, Norway

MILESTONES OF BGI



Bhagwant Group of Institutions has been imparting Education in Technical, Management and Pharmaceutical disciplines since the year 2000 and has earned great distinction. The following Institutes of the Group have been approved by All India Council for Technical Education (AICTE) / National Council for Teachers Education (NCTE) / UGC respectively.

- Bhagwant University (BU), Ajmer, Rajasthan
- Ajmer Institute of Technology (AIT), Ajmer, Rajasthan
- Bhagwant Institute of Technology (BIT), Muzaffarnagar, U.P.
- Bhagwant Institute of Technology (BIT), Ghaziabad, U.P.
- Bhagwant Institute of Pharmacy (BIP), Muzaffarnagar, U.P.
- Bhagwant College of Education (BCE), Muzaffarnagar, U.P.
- Shakuntla Girls Degree College (SGDC), Chandpur, Bijnor, U.P.
- Bhagwant Public School (BPS), Chandpur, Bijnor, U.P.
- Bhagwant Institute of Medical Science, Muzaffarnagar, U.P.
- Bhagwant Institute of Technology & Management, Muzaffarnagar, U.P.



Our meritorious and outstanding students are placed at various Companies and MNCs of National and International repute like Wipro, Infosys, HCL, TCS, ICICI etc.

INFRASTRUCTURE

Campus & Environment

The campus of Bhagwant University Ajmer is spread over more than 100 acres of land. The University building has been designed and constructed under the supervision of highly qualified architects and consists of lecture theaters, tutorial rooms, computer labs, conference hall, laboratories, workshops, library and administrative offices with lush green lawns and a pollution free environment.

Library

The University has spacious, updated and rich Library which houses different books on Engineering, Pharmacy, Physiotherapy, Education, Hotel Management, Sciences, Law, Management, Computers and general subject books. Many national & international journals and periodicals are subscribed on regular basis.

Hostel Facilities

The Institute has fully furnished separate hostel facilities for boys and girls. These are supported by an excellent mess, common room, STD-PCO, Internet Access (fully Wi-Fi), Canteen, Provision Store, Medical Assistance.

Internet Facilities

24 hours Internet facilities are being provided through BROADBAND @ 1 Gbps for Students. Free internet facility is also provided round the clock to Students.

DEPARTMENT OF PETROLEUM ENGINEERING

Introduction

Department of Petroleum Engineering was established in the University in 2008 and has fully equipped laboratories with latest equipments, gadgets, equipments and instrumentation systems for undergraduate program. It has well stocked books in the library in petroleum, petrochemical and related areas. The computer lab is having latest configuration hardware and software. Students are taken to petroleum vessels and rigs for field experience and have opportunities for training and internship in Indian and International Companies.

Petroleum Engineering is concerned with the subsurface activities related to the production of hydrocarbons like crude oil or natural gas. These are activities within the upstream sector of the oil and gas industry that include exploration for hydrocarbons. Petroleum engineering also include good knowledge of many other related disciplines, such as geophysics, petroleum geology, formation evaluation (well logging), drilling, economics, reservoir simulation, well engineering, artificial lift systems, and oil and gas facilities engineering. The scope of petroleum engineering includes exploration of hydrocarbons, reservoir studies, drilling and well completion, operations and production of oil and gas (onshore and/or offshore) and their transportation.

Courses Offered

Presently the department is offering the following courses:

Course	Duration	Eligibility Criteria
B. Tech.*	4 Years	Passed 10+2 examination with Physics, Chemistry and Mathematics. Obtained at least 45% marks (40% in case of candidate belonging to reserved category) in the above subjects taken together.
B.Tech. + M.B.A (Integrated)	5 Years	
B.Tech. + M.Tech. (Integrated)	5 Years	
M.Tech	2 Years	Bachelors degree or equivalent in the relevant field Obtained at least 50% (45% in case of candidate belonging to reserved category) at the qualifying Examination
Diploma in Petrochemical Engineering	3 Years	Passed 10th / SSC examination.

Note: * Lateral Entry for Diploma Holder / B.Sc in direct 2nd year.

Petroleum Geology Lab

Petroleum Geology is the study of origin, occurrence, movement, accumulation, and exploration of hydrocarbon. It includes Petrology, Minerology, etc. with their properties. Geology lab is well equipped with different rock samples, core analysis testing equipments etc. A comprehensive repository is maintained of drill core and drill cuttings recovered primarily from oil, gas, and potash exploration. This material, along with rock and mineral samples is housed in the Subsurface Geological Laboratory where examination facilities are available.



Petroleum Drilling Fluid Lab

The Petroleum Engineering Lab is well known for testing of drilling fluid. The laboratory is well equipped with latest sophisticated equipments like mud balancing kit, Redwood Viscometer, ph meter, oven, digital thermometer, vacuum pump, mud deaerator, hydrometer etc.



Petroleum Product Testing Lab

The Petroleum Engineering Lab is well known for Petroleum refining processes and operation. It includes testing of thermal cracking, checking of catalytic cracking, study of hydro-forming, catalytic reforming etc. Equipments and instruments include digital turbidity meter, density hydrometer, marsh funnel, submersible pump, spectrometer, flash point tester, vapor pressure analyzers etc.



Production Engineering Lab

Petroleum Production Engineering Labs are well equipped with modern equipments like sand content testing kit, desanders, core sampling equipments, lubricant testing, oxidation stability analyzer, TDS meter, Fuel Analyzer, XRF analyzer etc.

Software

Petroleum Engineering Department provides access to following softwares

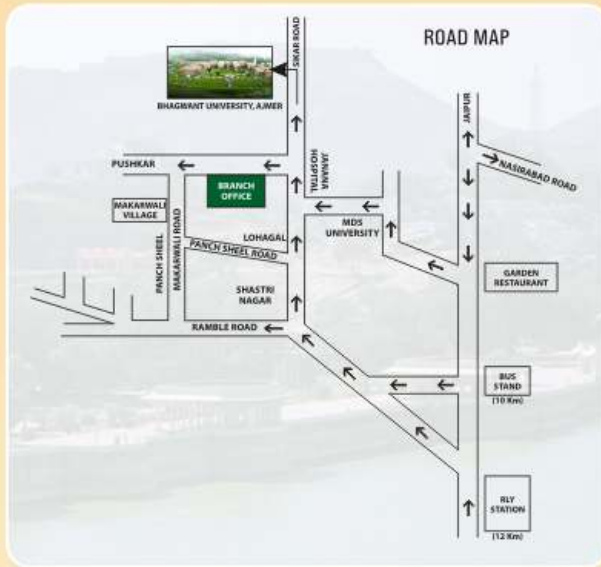
- PETEX Integrated Production Modeling Suite
- CMG (Computer Modeling Group Software)
- Eclipse
- Petrel RE Software
- ARC GIS Software

Future Scope & Employment Opportunities

Petroleum is evergreen field for employment and a large number of public and private sector companies including MNCs offer employments to young engineers :

Government Sector : Hindustan Oil Exploration Company Ltd (HOEC), I.B.P. Company Limited, Gujarat Gas Co Ltd (GGCL), GAIL (India), Oil India Private Ltd (OIL), Hindustan Petroleum Corporation Limited (HPCL), Indian Oil Corporation Ltd (IOCL), Oil and Natural Gas Corporation Limited (ONGC), Bharat Petroleum Corporation Limited, Bongaigaon Refinery and Petrochemicals Limited, Chennai Petroleum Corporation Ltd, Gujarat State Petroleum Corporation, Mangalore Refinery and Petrochemicals Limited, Petronet LNG Ltd.

Private Sector : Cairn India, Reliance Petroleum (Ahmedabad), Niko Resources Limited, Shell Oil, Chevron Oil Limited, ESSAR, BG Energy, Yennai Hydrocarbon Services, Aakash Exploration Services Private Limited, VISHAL ENTERPRISES, Quippo Oil and Gas Infrastructure Limited, Aban Offshore, Castrol India, Indraprastha Gas, Mahanagar Gas, Reliance Natural Resources Limited (Mumbai), Shell.



OVERSEAS OFFICES :

- 35/2/2, Silverdale Shopping Complex, Yatinuwar Vcediya, Kandy, Srilanka
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HOW TO APPLY

Registration Form can be procured by sending a DD of Rs. 1000/- in favour of "Bhagwant University", payable at Ajmer, at the following address Registrar-Bhagwant University, Sikar Road, Ajmer (Raj.) - 305004 or Download it from our website and send it along with a DD of Rs 1000 as stated above. Applicant will have to fill up the Admission form for the desired course along with the requisite fee which can also be downloaded from our website : www.bhagwantuniversity.ac.in. Online admission encompassing all above steps is available on website with online payment option.

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