

Campus

The campus is spread over an area of 4581 sq. meters (Another 8000 sq. meters proposed for future expansion) and pledges to be a world-class knowledge enterprise striving for academic and professions in technical education, research and services to the industry.

Hostel

Separate facilities are available for Boys and Girls. The hostel is situated within the college campus and is very well furnished with double bed, study table and wardrobes. Lodging facilities are also provided within the college making it easier for the students. Other amenities include attached toilet, bathroom, with 24 hour hot water supply through solar water heating system and a 24 hour power back-up.

Library

Our library has more than 25,000 books, periodicals, reports and reference material of different subjects. Spread over an area of 420 sq. meters, the library is based upon the state-of-the-art Library Management System (LMS) to ensure convenience for students. Future expansion plans of the library include 'Computerised Inventory Monitoring' and other Reprographic facilities. The library also plans of adding internet journals by subscribing to INDEST consortium managed by IIT-Delhi.

Recreational Activities

The faculty has a strong feeling that a healthy mind works better. Sports also inculcate good qualities in us. Involving oneself in competitive sports will encourage healthy competition. Taking up captainship in team games will inculcate leadership qualities. Playing as a team will encourage co-operation among the players. Apart from sports activities the college has plans for an annual visit to the industries in the nearby area. This helps in bridging the gap between industry and college.

Also, we encourage and appreciate students to participate in our annual festival.



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PACIFIC UNIVERSITY

(Approved by Rajasthan Legislative Assembly
as per Sec. 2 F of the UGC Act 1956)



FACULTY OF SCIENCE

Approved by AICTE, New Delhi
Pacific College of Basic & Applied Sciences

PACIFIC UNIVERSITY

Faculty of Science
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Courses Offered

B.Sc. (Eligibility: 10 + 2 (Science)) (3 Yrs.)

M.Sc. (Eligibility: B.Sc.) (2 Yrs.)

M.Phil. (Eligibility: Post Graduation in Science stream) (1 Yr.)

Ph.D. (Eligibility: Post Graduation in Science stream) (Minimum 2 Yrs.)

About the Institute

Pacific Group is recognised and renowned for its leadership in education and its contribution towards overall development of students. Pacific University is a global knowledge destination, educating more than 20,000 students in multiple Engineering, Medical, Management, Pharmacy, Hotel Management, Media & Communication and Basic degree courses.

Vision

To strongly support existing areas of excellence, and identifying and promoting new areas.

Goal

To empower students with educational opportunities for their Technical, Professional and Social Development, in today's competitive and dynamic global society.



Pacific College of Basic & Applied Sciences

About the College

Basic & Applied Sciences cater to the needs of society from all angles. Recognizing the increasing dependency of human beings and the ever increasing demand of society and industries on chemicals in Medicine, Food, Agriculture, Textiles, Polymers, Paints, Adhesives, Cosmetics, Building Materials etc., Pacific University has taken a leading step by introducing a Basic & Applied Sciences stream within their curriculum arena.

With the ever increasing chain of industries developing novel chemicals as per the requirement of society, demand for technical and research oriented persons is growing. The gap between the availability of trained people and the demand for this genre is widening day by day. Therefore two M.Sc. courses in Chemistry & Industrial Chemistry are being offered by the Pacific University.

Courses Offered

S.No.	Course	Eligibility	Duration
I	B.Sc.	10 + 2 (Science)	3 Yrs.
II	M.Sc.	B.Sc.	2 Yrs.
III	M.Phil.	Post Graduation in Science stream	1 Yr.
IV	Ph.D.	Post Graduation in Science stream	Minimum 2 Yrs.



Specializations offered in Chemistry and Industrial Chemistry.

• M.Sc. (Chemistry)

Specialization in:

- Organic Chemistry
- Medicinal Chemistry
- Instrumental Chemistry
- Nano Chemistry

• M.Sc. (Industrial Chemistry)

Specialization in:

- Polymer Chemistry
- Cement & Ceramics
- Ferrous & Non Ferrous Metal
- Cosmetic Chemistry

The department has well equipped laboratories, a seminar hall with all the requisite audio-visual aids and a well documented library along with a separate computer lab. Laboratories in the department are fully equipped with the latest state-of-the-art equipment as well as excellent infrastructure for imparting practical training to the students. The major equipments available in the department are:

HPLC *FT-IR *UV- VISIBLE *FURNACE *ABBE'S REFRACTOMETER *POLARIMETER

Moreover, the Chemistry department has a rich faculty. Prof. Suresh C. Ameta is the Director of the College and heads the Chemistry department supported by an experienced teaching faculty.

Admission Procedure

Admission in Faculty of Science Programmes are through University Joint Entrance Test (UJET), State & National level entrance test. Direct admission can be obtained on merit cum preference basis.

