



PSG COLLEGE OF TECHNOLOGY COIMBATORE 641 004

BSc APPLIED SCIENCE (GOVERNMENT AIDED PROGRAMME)

Mission of the College

Our mission as an Institute is to provide world-class engineering education and foster Research and Development, evolve innovative applications of technology, encourage entrepreneurship and ultimately mould young men and women capable of assuming leadership of the society for the betterment of the Country.

Vision of the Department

The alumni will build and uphold the reputation of the department as a premier teaching and research establishment and attract young talent through the success of their own endeavors.

Mission of the Department

To produce graduates who will specialize in one of the basic sciences namely Physics, Chemistry or Mathematics and Computer programming, acquire enough working knowledge of the other ancillary sciences and have an exposure to engineering practices and research methodologies in order to enable them to engage in life-long learning and thereby become versatile practitioners or researchers in their chosen fields.

About the Programme

The B.Sc. Applied Science Programme which is currently a Government aided programme, commenced in the year 1971 and PSG College of Technology is the pioneer in running this programme. It has a unique structure in the sense that it gives the students a broad based science background. They may however specialize in one of the basic sciences namely Physics, Chemistry or Mathematics with adequate computer programming skills. This helps to prepare the students for any analytically oriented profession, while at the same time enabling them to take up post-graduate studies in physical, mathematical and computational sciences. Subsequently they could pursue research in the leading institutions and national R & D laboratories. Besides the regular theory and laboratory subjects, students are offered elective subjects in emerging areas of study. They are also exposed to engineering practices and research methodologies by means of a project that has to be completed in the final semester. This would enable them to engage in life-long learning and thereby make them versatile practitioners or researchers in their chosen fields.

Infrastructure

The library of the college is one among the best in Coimbatore and has been stocked with nearly 2.5 lakhs books, back volumes, about 400 international and national journals and magazines for which the students have free access. The college is also equipped with good internet facility to which the students have round the clock access. These resources help the students to prepare well for all the competitive examinations. The various centers of excellence in the college extend their services to students giving them R&D exposure. The placement section appropriately guides and helps the students, getting them placed in reputed industries and its R&D divisions.

The department is well-equipped with Physics and Chemistry laboratories and a Computer Centre with latest software. The research laboratories namely ExpEYES lab, Polymeric materials lab,



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Ceramic materials lab, Healthcare materials lab, Spintronics lab and Thin film centre helps the students to acquire a research flavor by interacting with research faculty and research scholars. The laboratories provide hands on experience to the students while doing their project work.

Scope for placement and higher studies

The curriculum and syllabi are updated once in three years to reflect the latest advancements in the field of Science, Engineering and Technology. This helps our students to get placed in reputed core industries such as Kenna Metals, Indian Molasses Company, Titan, MRF and software companies such as Tata Consultancy Services (TCS), Cognizant Technology Solutions (CTS), WIPRO etc.

A sizeable group of students aspire to do their post graduation in Physics, Chemistry or Mathematics in reputed Institutions such as IITs, IISc, NITs, and Central Universities; Management or Computer Application programmes in Institutions such as IIMs, reputed B-Schools, Engineering Institutions and Universities by successfully clearing the appropriate entrance examinations. In addition to this, our students are eligible to do PG programmes in Physics, Chemistry, Mathematics, Materials Science, Applied Physics, Medical Physics, Applied Chemistry and Applied Mathematics.

Eligibility and Admission Procedure

A pass in Higher Secondary examination of the (10+2) curriculum prescribed by the appropriate authority of the Government of Tamil Nadu with Mathematics, Physics and Chemistry as the subjects of study or any other exam recognized as equivalent.

Based on ranking, as per the aggregate percentage of marks obtained in Mathematics, Physics and Chemistry of the plus two examinations, the students will be called in batches for the single window counseling for admission and admitted following government reservation norms. Counseling intimation letter will be sent separately. The counseling schedule will also be made available in our college website www.psgtech.edu.

How to Apply

Application for admission should be made only in the prescribed form. Application suppressing information or providing misleading information or incomplete in any respect will be summarily rejected. Completed application along with a demand draft for Rs. 150/- drawn in favour of “**The Principal , PSG College of Technology**”, payable at Coimbatore should reach The Principal, PSG College of Technology, Peelamedu, Coimbatore – 641 004, on or before **23.05.2019**. late applications will not be entertained.

Application can also be made online by entering all the particulars including marks along with online payment through the net banking/credit card/ debit card on or before **23.05.2019**.