WHY SPIHER?

- Very near (1.5 kms) from Annanur Railway Station.
- Located strategically in the industrial/corporate hub of Chennai, India.
- MOU's with industries and R&D institutions.
- Orientation given to students to become an independent entrepreneur through TBI and MSME incubator.
- Wi-Fi campus.
- Choice Based Credit System.
- In-house coaching for competitive exams.
- Effective training and placement of students in all leading corporates.
- Scholarship to meritorious students.
- State-of-art research facilities including Sophisticated Analytical Instrumentation facility (SAIF).
- Excellent IT infrastructure for ICT Education.
- Member of ISTE, Association of Indian Universities and CSI & IEI Student Chapters.
- Highly qualified faculty and research facilities.
- Centres for Professional values and Ethics, Faculty development, Disaster Management and Nanotechnology.

CHANCELLOR’S MESSAGE

St. Peter's Institute of Higher Education and Research is a Deemed to be University declared U/S 3 of UGC Act, 1956 since 2008. The institution was previously known as St.Peter's Engineering College which was established in the year 1993. It is one of India’s leading Institute, with students all over the country. The institution continuously strives to focus on imparting quality technical education and introducing innovative programmes leading to Research and Development for sustainable growth with the following objectives:

- To provide instruction and training in Engineering, Technology, Architecture, Management Studies, Science and Humanities and Medical Sciences.
- To provide facilities for Research and Development, advancement and dissemination of knowledge.
- To undertake extra - mural studies, extension programmes and other research activities leading to the development of society.

We assure you that the campus of St. Peter's Institute of Higher Education and Research will be student friendly and focused towards overall growth.

Dr. (Mrs.) T BANUMATHI - M.B.B.S., D.G.O.
Chancellor
The institution offers Engineering, Technology, Architecture, Management Studies, Science and Humanities programmes at different levels as detailed below:

**PROGRAMMES OFFERED**

- **B.E. / B.Tech.**
  - Bio-Medical Engineering
  - Civil Engineering
  - Computer Science and Engineering
  - Electronics and Communication Engineering
  - Electrical and Electronics Engineering
  - Information Technology
  - Mechanical Engineering

- **M.E. / M.Tech.**
  - Bio-Medical Engineering
  - Structural Engineering
  - Computer Science and Engineering
  - Power Electronics and Drives
  - Communication Systems
  - Information Technology
  - Advanced Manufacturing Technology

- **B.Sc.**
  - Aeronautical Science
  - Bio-Technology
  - Bio-Chemistry
  - Chemistry
  - Computer Science
  - Mathematics
  - Microbiology
  - Physics
  - Visual Communication

- **M.Sc.**
  - Bio-Technology
  - Bio-Chemistry
  - Chemistry
  - Computer Science
  - Mathematics
  - Microbiology
  - Physics
  - Visual Communication

- **B.A.**
  - English
  - Economics
  - Journalism
  - Political Science
  - Sociology
  - Tamil

- **M.A.**
  - English
  - Economics
  - Journalism
  - Political Science
  - Sociology
  - Tamil

- **B.Com.**
  - B.Com. (General)
  - B.Com. (Corporate Secretarship)
  - B.Com. (Bank Management)
  - M.Com.

- **Management**
  - B.B.A.
  - B.B.A.-Shipping & Port Management
  - M.B.A.
  - M.B.A. – Data Analytics

- **Architecture**
  - B.Arch.

- **Computer Applications**
  - B.C.A.

- **Ph.D.** *(Full Time / Part Time)*
  - Engineering & Technology
  - Management Studies
  - Science & Humanities

- **M.Phil.**

**CO-BRANDED COURSES**

- **IBM Software Lab for Emerging Technologies**
  - All Courses associated with IBM
    1. B.E - ECE with specialization in IoT & Artificial Intelligence
    2. B.E - Computer Science with specialization in Cloud & Artificial Intelligence
    3. BCA with specialization in Emerging Technologies
    4. MBA with specialization in Data Analytics

- **Texas Instruments**
  - ECE with Specialization in Internet of Things.

**PLACEMENT**

Placement cell functions effectively and has identified a good number of job opportunities to students in all branches every year. To prepare the students for interview, special coaching is given on personality development, communication skills, group discussions, etc. Placement Cell arranges interviews for students. Some of the companies visiting our campus for placement are:

- **Student Exchange Programs with Taylor’s University Malaysia**
  1. 2Year (SPIHER) + 2 year (Taylor’s University)
  2. 1Year (SPIHER) + 3 year (Taylor’s University)
  3. 2Year (SPIHER) + 3 year (Taylor’s University) (MS by Research)
CIVIL ENGINEERING

Civil Engineers play an important role in the development of infrastructure. The demand for Civil Engineers has been increasing as evident in the amount of construction activity leading to the development of the nation.

BIO–MEDICAL ENGINEERING

Bio-Medical Engineering (BME) is the application of engineering principles and techniques to medical field. It combines the design and problem solving skills of engineering with medical and biological sciences to improve health care diagnosis and treatment.
COMPUTER SCIENCE & ENGINEERING

Computer Science and Engineering is leading the way in revolutionizing and making the current digital world a reality. The department is equipped with state-of-art computing facilities to impart practical exposure to the students in the recent advancements in the field of information technology.

INFORMATION TECHNOLOGY

In the era of information world, the department of Information Technology offers the technology to navigate through the various information. The department maintains the Internet Service and Networking Servers of the institution.

ELECTRONICS & COMMUNICATION ENGINEERING

Electronics and Communication Engineering has gained importance with the advent of technologies leading to a spurt in Mobile Communications, Embedded Technology, Antenna and VLSI design.

ELECTRICAL & ELECTRONICS ENGINEERING

The demand for power generation and alternate sources of energy such as Solar and Wind energy has been ever increasing. The department has good infrastructure to impart education and training to students.
MECHANICAL ENGINEERING

Mechanical Engineering is one of the oldest branches of Engineering and requires competence in Engineering Design, Thermal and Manufacturing Streams. The department has Technology Business Incubator with sophisticated equipments to enhance the learning of the students.

SCIENCE & HUMANITIES

The departments which comes under science and humanities have qualified faculty members with excellent facilities in laboratories. All the laboratories are well equipped for giving practical training to the students. The Language Lab help students to develop their skills in Communication, Listening, Speaking and Writing.
Department offers 5 Years B.Arch Programme approved by the Council of Architecture.

The objective is to perceive, conceive and consider various ideologies and theories for the design process to create eco-friendly homes, buildings, cities etc.

Studios and laboratories are available.

Eminent architects deliver guest lectures while seminars and symposia are organized to stimulate creativity.

Educational tours are also organized to have knowledge about monumental and heritage structures.
The Department has a team of dedicated faculty who are well qualified, experienced, committed and knowledgeable in the latest technologies. They provide value added and quality education to the students.

**BUSINESS ADMINISTRATION**
The programme inculcates professional and managerial expertise to students and enables them to excel in the business world. Students are developed as competent corporate managers and Entrepreneurs.

**COMPUTER SCIENCE AND APPLICATIONS**
The Department has a team of dedicated faculty who are well qualified, experienced, committed and knowledgeable in the latest technologies. They provide value added and quality education to the students.
COMMERCE

The Department of Commerce has been instrumental in providing the young learners with a profound understanding of theoretical and practical aspects of Commerce as a discipline and a real life phenomenon. Starting with undergraduate studies, the department has gradually built Under-graduates, M.Com and M.Phil. programs. The department unfolds viable educational environment that tend to foster both research and analytical skills of the students. Seminars, debates, dialogues, and workshops have been conducted by the department to develop cadres of quality human resource in the domain of commerce, industry and business at local, national and international levels.

DIGITAL LEARNING INITIATIVES

Digital Library
The Digital Library has 24 computer systems with facility to access digital learning resources including NPTEL, SWAYAM, SWAYAM Prabha and National Digital Library.

NPTEL
A Joint Venture by seven Indian Institutes of Technology (IITs) and Indian Institute of Science (IISc) provides e-learning through online Web and Video courses in Engineering, Sciences, Technology, Management and Humanities to enhance the quality of engineering education.

Swayam, Swayam Prabha & EDUSAT
The courses are hosted with video lectures, reading materials, Self-assessment tests, Online discussion forum. SWAYAM PRABHA is a group of 32 DTH channels devoted to telecasting of high-quality educational programmes.

National Digital Library
The objective of NDL is to integrate several national and international digital libraries in one single web-portal. The NDL provides free access to many books in English and various recognized languages of our nation.
RESEARCH AND DEVELOPMENT

The institution has created the following centres to create awareness and motivate the students and faculty to work in innovative research projects in thrust and niche areas.

CENTRE FOR DISASTER MANAGEMENT

- To disseminate knowledge on various aspects of disaster management among the students, faculty and practicing engineers
- To organize special lectures, staff development programmes and to take up collaborative programmes with other institutions at national and international level.

CENTRE FOR NANOTECHNOLOGY

To organize special lectures, staff development programs and seminars to facilitate exchange of knowledge and latest developments
- To identify the research requirement and take up research projects with external funding agencies

CENTRES OF EXCELLENCE

To organize special lectures, staff development programs and seminars to facilitate exchange of knowledge and latest developments

SPEC-TECHNOLOGY BUSINESS INCUBATOR

The Institute is one of the fifteen educational Institutions in Tamil Nadu and the first technical institution in Chennai to establish Technology Business Incubator during the financial year 2009-10. To facilitate incubatees and to provide training, a CNC machine, Radial Drilling machine, Rapid Prototyping machine and CMM have been installed. The project is sponsored by the Department of Science and Technology, Ministry of Science Technology, Govt. of India.

SPIHER - MSME BUSINESS INCUBATOR

The Institute has established a business incubator sponsored by the Ministry of Micro, Small and Medium Enterprises, Government of India known as SPIHER - MSME Business Incubator. Suitable grant is provided for potential projects for technology development and commercialization. Ten projects have been completed under this scheme. Four patents have been filed. The incubator also conducts technology based entrepreneurship development programmes. Two industry interaction meets have also been conducted.

SOPHISTICATED ANALYTICAL INSTRUMENTATION FACILITY (SAIF)

Sophisticated Analytical Instrumentation Facility is an advanced materials characterization laboratory housed with highly sophisticated spectro photometers, FTIR Spectrum, Two spectrometers with Diamond ATR Accessory, Lambda 35 UV - Vis Spectrometer with DRS / DTS Accessory and LS - 45 Luminescence Spectrometer. Researchers from all over the country make use of this facility to evaluate their findings.
SEMINAR HALLS
• Three fully air-conditioned seminar halls with audio and projection systems.
• Two air-conditioned conference rooms with audio system and projection facility.

BANK
Indian Bank, Avadi has a branch in the institution. This facilitates the students, faculty and staff to carry out their financial transactions; ATM facility is also available.

HEALTH CENTRE
Health Centre is manned by highly qualified doctor to look after the health of students, faculty and staff. Four beds with equipment's such as Ophthalmoscope, Electrocardiogram; Patient monitoring stands are available for first-aid treatment. 24x7 ambulance service is also available.

REPROGRAPHIC FACILITIES
Color Printer, A1 size plotter and Xerox facilities are available for the use of students, faculty and staff.

HOSTELS
• Separate hostels are available for boys and girls with 164 and 156 rooms
• Rooms are available with single, double, triple and quadruple accommodation with attached bathrooms.
• Hostels are provided with reading rooms, TV rooms, Gym and recreation halls.
• A doctor visits the hostels on all days to render medicals attention for the needy student.

Guest Houses are available for Guests / Visitors visiting the institute for National and International Seminars & Conferences.
ALUMNI TESTIMONIALS

C. Srihariram, SAP Consultant, UNICEF (United Nations International Emergency Children’s Fund), New York City, USA.

Life in St. Peter’s has been breath-taking and enriching. The environment not only helped me in imbibing knowledge but also in developing my overall personality, fueling confidence in me.

St. Peter’s has achieved excellence in imparting high quality education with prime focus on holistic learning and inculcating competitive abilities in students which has helped me immensely. My sincere thanks to all the Faculty members, mentors and everyone in St. Peter’s family for their support and altruism. They have played a very crucial role shaping me & proved me right, in selecting St. Peter’s over other colleges.

Dinesh Kumar A. S, Senior Associate, Comcast Communications, USA.

I take pride in being a student of St. Peter’s and now being an employee of a world renowned MNC. The latter wouldn’t have been possible without the support of the former. The teaching and guidance here is just unparalleled. It has imparted a perfect blend of technical and soft skills and made me ready for industry. It was my honor to study under the guidance of such experienced faculties. Finally, a special thanks to our MCA department for inviting such big and renowned companies and organizing various aptitude and soft skills sessions. It has left no stone unturned in getting us placed.

S. Suganya, Test Analyst, Cognizant.

When I first entered St. Peter’s I was anxious about my future. Over the four years so many doors were opened for our personal and academic development that I became confident. The university aims at enhancing our knowledge, skills and abilities. It, in fact, didn’t leave the attitude part behind as well. These years at St. Peter’s are the best years concerning learning, experience and gaining exposure to fields relevant to my discipline, all due to my faculty members. So many deserving students of our batch have been placed thanks to them and the Training & Placement Department.
INDUSTRY INSTITUTE INTERACTION
• Institution has a vibrant industry institute interaction cell.
• MoU’s have been signed with various industries and organizations.

Global Education
• Global Education collaboration with foreign universities for twinning Programmes and research.

Signed MoU with IBM to conduct Skill development programme and Co-Branded Programme

Started Center of Excellence with ICT Academy for Skill development Program

Signed MoU with SIEMENS for Skill development Programme

Signed MoU with Tata Realty And Infrastructure Ltd for Skill development Program

Signed MoU with CadCam Solutions for Skill development Program

Signed MoU with Texas Instrumentation for Co-branded Programme

Signed MoU with Tata Realty And Infrastructure Ltd for Skill development Program

Signed MoU with Texas Instrumentation for Co-branded Programme

Signed MoA with Taylor’s University for twinning Programmes and Research
CO-CURRICULAR ACTIVITIES

- Institution provides good facilities for Sports, Outdoor and Indoor games.
- Many events like Women's Day, Road Safety Awareness Week are conducted.
- National Service Schemes and Youth Red Cross initiatives.

Extra Curricular Activities

- Industrial visits, Guest Lectures, International and National Conferences, Symposiums, Faculty Development Programme, and Seminars are arranged in all departments.
- Many events like Science Day, E-Week, etc., are conducted.
- Orientation Programme for students are organized.
St. PETER’S
INSTITUTE OF
HIGHER EDUCATION AND RESEARCH

IGNITE • INSPIRE • INNOVATE
(Deemed to be University U/S 3 of the UGC Act, 1956)

AICTE Approved and ISO 9001:2015 Certified Institution

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