



St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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

AVADI, Chennai – 600 054. Tamil Nadu.

Phone: 044-26558080-84

E-mail: registrar@spiher.ac.in

Website: www.spiher.ac.in

7.3 INSTITUTIONAL DISTINCTIVENESS



St. PETER'S INSTITUTE OF HIGHER EDUCATION AND RESEARCH

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

AVADI, Chennai – 600 054. Tamil Nadu.

Phone: 044-26558080-84

E-mail: registrar@spiher.ac.in

Website: www.spiher.ac.in

Research and Development- SPIHER

St. Peter's Institute of Higher Education and Research strives to contribute to the socio-economic development of the nation be a pioneer in the fields of education, training, and research. SPIHER puts a lot of effort to be a research-intensive institution by engaging in high-quality and cross-disciplinary research. Students are trained to focus their attention towards learning and research in alignment with industry and social demands.

Research Goals

SPIHER provides Ph. D programmes in various disciplines of Arts, Management, Science and Technology. Our Institute offers Institutional Research Fellowships to support research scholars to undertake research in thrust areas. To ensure quality in research, regular reviews are conducted periodically to evaluate research progress and suitably advise research scholars. Measures are taken to publish the results of the research investigation in reputed journals. Faculty members, research scholars and students are advised to identify problems in thrust areas and provide innovative solutions to them. Filing of Patents is another important research output and SPIHER encourages filing of patents by Faculty members, research scholars and students. The staff members, research scholars and students are encouraged to apply for grants to various funding agencies both Governmental and Non-Governmental. The students are encouraged to apply for Student Project Award from Tamil Nadu State Council for Science and Technology.

All the research activities are coordinated and guided by Research and Development department (R&D) under Dean R&D.

Pro-active measures to improve research activities in SPIHER

Project work is a common component of final semester coursework in most of UG and PG programmes. This facilitates the students to transfer their innovative ideas into practical applications or products useful to the society. The flexibility in the programme regulation and the awareness provided regarding the thrust areas encourages the students to undertake inter-disciplinary research. Adequate technical assistance and facilities are provided to undertake research in new avenues to advance the institution's research and development activities. SPIHER has research ecosystem and framework to facilitate the faculty members, research scholars, undergraduate and post graduate research students to conduct research in an effective manner. Research scholars and students from other institutions are permitted to make use of the research facilities.

SPIHER has set up Research and Development Cell to guide and supervise the various research and development activities of the institute.

Department Academic Integrity Panel (DAIP) is functioning to monitor and control the plagiarism in research publications

Support to the Faculty members and Research Scholars

Faculty members and Research Scholars have access to a decentralised research laboratory with cutting-edge equipment to conduct diverse research activities. A faculty research incentive programme with annual awards and rewards are given. The faculty members are encouraged to undertake high-calibre research by providing seed money. This leads to publications in reputed journals.

SPIHER Analytical Instrumentation Facility (SAIF) is a sophisticated instrumentation facility. SAIF-SPIHER extends its consultancy services to Industries, R&D laboratories and institutions. SAIF-SPIHER provides facilities of sophisticated instruments to scientists and other users from academic institutes, R&D laboratories and industries to enable them to carry out measurements for R&D work.

The Institution Innovation Council (IIC) and the Centre for Innovation have been established with the intention of promoting creativity and innovation among faculty and students. Institutional Research Fellowships (IRF) are provided to research scholars on the basis of merit annually. Due recognition is given to the faculty members who publish in High Impact Factor journals. This encourages the faculty members to publish in research journals. Writing books and monographs for reputable national and international publishers, the faculty members are encouraged. Faculty members who publish patents are honoured with cash awards and certificates.

SPIHER offers encouragement and guidance to undertake research and to publish the findings by conducting various programmes such as

- Workshop on thrust areas
- Workshop on submitting project proposals to funding agencies
- Workshop on writing good research papers.,
- Workshop on Intellectual Property Rights (IPR) leading to patent publication
- Workshop on research Methodology

SPIHER encourages national level research by identifying and honouring young scientists. In this regard Sir. C. V. Raman, the young scientist award, has been constituted and applications are invited from all over India. A committee of experts selects the awardee annually and the awardee is honoured on the Graduation Day.

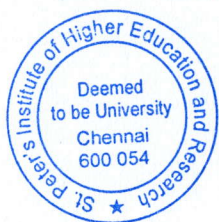
Outcome of Research

- The institution has granted a total of 372 Ph.Ds.
- There are 231 research scholars seeking pursuing PhDs.

Registrar

St. Peter's Institute of Higher Education and Research
(Deemed to be University U/S 3 of the UGC Act, 1956)
Vadi, Chennai-600 054.

- Many research scholars were benefitted from IRF scheme.
- Faculty members have received grants from various funding agencies TNSCST, DST etc.
- Project funding from Non-Governmental organisations have been received.
- A total number of 387 books and conference papers were published.
- A total number of 2066 papers have been published in international and national journals of repute. (Scopus/Web of Science/UGC care).
- The total number of citations of SIPHER publications (Scopus) is 11734
- The average impact factor of SIPHER publications is (Web of Science) 2.50
- H-Index of SIPHER publication is 59.
- The total number of patents published by SPIHER is 54.
- Sir. C. V. Raman, Young Scientist Award has been given for the last 5 years



A handwritten signature in green ink, consisting of several loops and a long horizontal stroke.

Registrar

St. Peter's Institute of Higher Education and Research
(Deemed to be University U/S 3 of the UGC Act, 1956)
Avadi, Chennai-600 054.