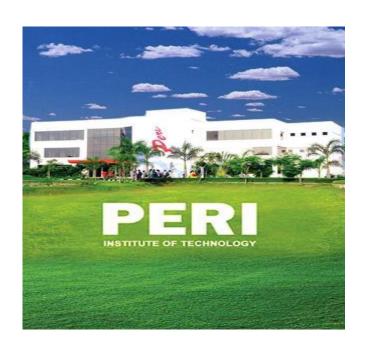# PERI INSTITUTE OF TECHNOLOGY

MANNNIVAKKAM, GHENNAI - 48

Annual Report

Academic year-2022-2023

About PERI IT

PERI Institute of Technology (PERI IT) was established in 2010 by the PERI Educational and Charitable Trust with the objective of providing quality technical education. The Institute is built at Mannivakkam, Chennai in a sprawling area of 15 acres replete with A/C classrooms, well equipped labs, A/C transport, cafeteria and a vast library.

PERI IT offers both B.E. and M.E. courses and is recognized as an institution offering technical education by AICTE, New Delhi. It is affiliated to Anna University of Technology, Chennai.

GENESIS

The PERI Educational and Charitable Trust were founded in 2007. The vision of the trust is to provide a world class nodal centre of education where academics, communication, comprehension, visualization, practical application and leadership skills are imparted through encouraging research, training and development in technical and non-technical areas.

As part of its vision, the trust established PERI Institute of Technology in 2010 with B.E. courses in Mechanical, Civil, Computers and EEE. In 2011, B.E. ECE was introduced. M.E. Applied Electronics and M.E. Computer Science were added in 2012. M.E. Power Electronics & Drives and M.E. Communication Systems were introduced in 2014.

PERI IT is the brainchild of Mr. Saravanan Periasamy, the founding President & CEO of PERI Software Solutions Inc., a leading multinational IT Consulting and Services Company based in USA and the Chairman of the PERI Educational and Charitable Trust. He is the source of inspiration and the pathfinder for this institution.

Our ADMINISTRATIVE

PERI IT is administered by a governing council which comprises of representatives of the PERI Educational & Charitable Trust, representatives of the State Government, the Anna University of Technology, Chennai, the All India Council of Technical Education, New Delhi and eminent scholars and industrialists. The Governing Council is responsible for planning and monitoring all academic and admininstrative activities of PERI IT. The day-to-day management is conducted by an academic and administrative set up helmed by Mr. Saravanan Periasamy.

VISION

To be an internationally recognized seat of higher learning in Engineering, Technology and Science in future.

It also visualizes being a research incubator for academicians, industrialists and researchers from across the country /world.

MISSION

- It strives to provide quality Technical education at affordable cost.
- Providing state-of-the art infrastructure facilities to achieve excellence in Teaching-Learning, Research and Development.
- Aligning with leading industries to create competent engineers through internships and placement focused training.
- Create an environment which is conducive to learn skills which will solve pressing issues along with foundation in moral values and ethics.

CHIEF PATRON

Chairman's Message

PERI Institute of Technology (PERI IT) STRIVES TO ACHIEVE EXCELLENCE IN ITS MISSION TO PROVIDE AN EDUCATIONAL AND LEARNING ENVIRONMENT CONDUCIVE FOR STUDENTS TOWARDS THE PURSUIT OF professional excellence IN THE CORPORATE OR ENTREPRENEURIAL PATH TO SUCCESS. THE CORNERSTONE OF THIS INSTITUTE IS EDUCATING AT A LEVEL OF EXCELLENCE WHICH FOSTERS EXCITEMENT AND ENTHUSIASM. OUR FACULTY IS AN ELITE TEAM OF PROFESSIONALS PASSIONATELY WORKING TOWARDS TRANSFORMING THE STUDENTS TO BECOME SUCCESSFUL NEXT GENERATION GLOBAL CITIZENS.

PERI IT's PHILOSOPHY IS TO ENSURE OPEN AND TRANSPARENT ACCESS TO EDUCATION FOR ALL DESERVING STUDENTS WITHOUT ANY BARRIER INCLUDING BUT NOT LIMITED TO CASTE, RELIGION, CREED, FINANCIAL STATUS, BACKGROUND, ETC. I PERSONALLY OVERCAME ENOUGH BARRIERS TO BE WHERE I AM AND WOULD LIKE THE SAME OR BETTER FOR OUR NEXT GENERATION.

WE ARE COMMITTED TO PROVIDING OUTSTANDING LEARNING EXPERIENCE TO OUR STUDENTS AND OFFER unique international exposure AND OPPORTUNITIES THOUGH PERI's EXPERIENCE AS A MULTINATIONAL TECHNOLOGY SUCCESS STORY.

Welcome to PERI. We look forward to share our wealth of knowledge and experience with you.

SARAVANAN PERIASAMY
Chairman, PERI Institute of Technology &
CEO, PERI Software Solutions Inc., U.S.A.

Sincerely

Saravanan Periasamy

Mr. SASIKUMAR VEERARAJAN

COO, PERI INSTITUTE OF TECHNOLOGY

Mind has thousand eyes But the Heart with one yet the light of whole life done when the Education is in" by adhering these words our PERI institute of Technology the Educational Tree has it's own branch and extending great shelter to Enthusiastic Engineering Candidates. It has great Milestone of Achievement in the ventures on various fields like Computer Science Engineering, Mechanical Engineering, Bio–Medical Engineering, Artificial Intelligence and Data Science &Pharmaceutical Technology. We are paying at most interest over the standard of Education by the overseas experiences. Thereby we are building the castle of career set-up to the upcoming Engineers.

ACADEMIC EXCELLENCE

The College is approved by All India Council for Technical Education (A.I.C.T.E) and Affiliated to the Anna University, Chennai. It can be proudly stated that many Engineers pass out every year from various branches from the college it is a self financing institution which brings out well qualified, talented Engineers. We impart skills in a harmonious, pluralistic environment preparing students to meet challenges and embrace opportunities of the increasingly global world.

Department of Computer Science and Engineering (B.E. CSE)

Department of Computer Science & Engineering was established in the year 2010 since the inception of Peri Institute of Technology, with the objective of imparting quality education in the field of Computer Science. The Department offers the four years Bachelor of Engineering (B.E.) program and the 2 years Master of Engineering (M.E.) program.

The prime focus of our department is to enhance the students to extend and strengthen the ability to develop and sustain the transformative system to create future leaders. With rapidly evolving technology and the continuous need for innovation, the department has produced and trying to produce quality professionals, holding important positions in Information Technology industry. On keeping with the spirit of the rapidly evolving technology and the continuous need for innovation, the department stresses on nurturing the talent of students for top industries across the globe, for pursuing higher studies and R&D in National and International Universities. Students can show off

their technical talents and team works through various events organized by the students clubs SPINAETOS, IoT Club and CSI Student Chapter.

Well qualified and experienced faculties form the backbone of the department. The department has faculty pursuing Doctorate Ph.D. in upgrading areas like Cloud computing, IOT, Data Analytics, Business Analytics, Digital Transaction etc.

Department of Mechanical Engineering (B.E. Mechanical)

Mechanical Engineering is one of the largest, broadest and oldest engineering disciplines. It finds its application in every branch of industry including aerospace, manufacturing, automotive, building systems, energy, chemical and high-technology sectors. Because of the breadth of the field, there is always a steady demand for mechanical engineers who create the processes and systems that drive technology and industry.

Department of Civil Engineering

Civil Engineering in PERI IT is your stepping stone into the world of buildings and structures. Civil engineers work with the design, construction and maintenance of different structures in both public and private sectors. Civil work spans large structures like dams, bridges and multi-storey buildings to small structures such as individual homes. The vast nature of this field ensures that there is a steady demand for civil engineers.
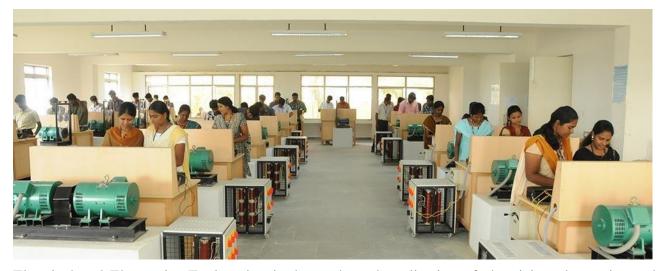
Department of Electronics and Communication Engineering

The department of ECE was started in the year 2011 and offer courses in B.E-ECE, M.E-Communication systems and M.E – Applied Electronics. At present, the department is affiliated to Anna University, Chennai and approved by AICTE, New Delhi. The department has very dynamic and well experienced faculty members, equipped with skills and knowledge in curriculum and other relevant fields. The ultimate efforts of our dedicated faculty members in motivating the students in both professional and emotional ways has eventually produced significant growth in achievements year on year in curricular and extracurricular activities .The students exhibited interests in cooperate with family member and as a result has emerged with a remarkable academic record. We proudly hold the privilege that 100% of the eligible students are placed even before their graduation.

The department is also walking on the path of establishing and caters of excellence in the field of Robotics Engineering & Communication Systems. Our sincere objective is to bring up graduates with knowledge to adapt the changing industries needs and are also impart the idea of emerging as an entrepreneur and lead a successful life.

The department faculty continuously encouraging and guiding the students to implement their innovative ideas in their project works in order to inculcate their R& D activities. The following are the ongoing innovative projects.

Department of Electrical and Electronics Engineering

Electrical and Electronics Engineering is the study and application of electricity, electronics and electromagnetism. In today's world, where everything is increasingly becoming automated and available in electronic format, the demand for electrical and electronic engineers is steadily increasing and is a flourishing career path.

ACADEMIC REFORMS:

Academic Audit is a regular feature in the College. We ensure that all notes of lesson & other related study materials made available in the student web portal I guru. The Classes were conducted by a team of full-time dedicated qualified & well experienced faculty members in the relevant branches of engineering.

Online courses are introduced for fast learners. Students & staff were encouraged to register for Online NPTEL courses. We are the well known Nodal center of NPTEL in Chennai.

Inter departmental projects are introduced. Students are encouraged to design & test the emerging projects, which is partly funded by management.

PERIIT having many Cells and clubs viz, Skill Development Cell, Women Empowerment Cell, Centre for Research and Development, Centre for Higher Studies, Entrepreneurship Development Cell, Newton's science club, Bramaguptas Maths club, Shakesphere's English club, IOT club, Electronics' club, Robo club., Renewable Energy club, &sustainable development club and through which we conduct many workshops, seminars,& industrial visits.

Each department have conducted International Conference annually by inviting eminent spokesperson as the resource person and motivated the students by rewarding the best paper published by cash award.

Department of ECE, CSE and S&H, inaugurated the dept association where it elected the members and office bearers to carry over the events of that semester.

Dept of ECE, CSE, EEE, MECH, CIVIL and AIDS periodically conducts workshop in their respective departments and pave way for the students to acquire the subject knowledge and implement in their future career and more than 200 students from other colleges have participated and benefitted.

MOUS SIGNED

Our College has signed 11 MoUs with, Software Industries, Corporate houses and Private institutions through which students have undergone short internship, summer internship and on job training.

CENTRE FOR RESEARCH AND DEVELOPMENT

R & D of PERI IT swirls hard and encourages the faculty to publish paeprs in many reputed journals which are scopus indexed, SCI journals, UGC care listed and so on. The cell not only provides opportunity for the faculty to publish but also assures to give benefits for the faculty from the management by introducing Wallet method.

Our faculty members have published 108 research papers in National and International Journals & Magazines and ISBN certified Seminar Proceedings.

FACULTY AWARDS

Two of our faculty members received best paper award in the international conferences. 6 of our faculty are awarded with PhD, 3 have submitted the thesis and 4 have registered for PhD

13 of our faculties published books 1 each from Mech, CSE, & ECE departments. Dr. Ramkumar Prabhu, Dr. Charulatha, Mr. Saravanan, Dr R M Sathiyamoorthy, Dr.J Raji, Dr. Ishwarya & myself R.Palson Kennedy.

SKILL DEVELOPMENT CELL

To gain the corporate knowledge and to up skill the students in communication, the SDC conducts communication and soft skills training session in batch wise. More than 150 students got benefitted from this and they succeeded in their interview. Debate Competition, Role plays, Team management activities and many more were conducted for the students.

WOMEN EMPOWERMENT CELL

The main motto of this cell is to empower or add more energy and courage to the girl students and women faculties. To do so, WEC organized various events like Webinars on Legal issues and health safety, awareness program, women's day celebration and so on especially for the girl students to endow them with courage and update the knowledge in the particular field. Till date the cell conducted more than 15 events for the welfare of the girls and women faculties.

TRAINING AND PLACEMENT

The futurity of the students lies in their placement. In order to corroborate this, the training and placement cell strives hard to get each and every qualified student to get job in the recognized company. 250 students were placed in various organizations like Zoho, Infosys, Capgemini, Wipro, Byjus, Accenture and so on through on and off Campus interview in the past two years.

To make the candidates to excel in the interview, the cell provided various training program from Face Prep, Rubicon 'Life skills', Tata Strive, etoe and GTT Barclays for them to equip with the updated knowledge of the corporate world. Workshops were organized to prepare students for placement and imparted personality improvement with in-house and external expert faculty.

ENTREPRENEURSHIP DEVELOPMENTCELL

Entrepreneurship Development Cell conducted 10 workshops on various topics like awareness programs, startup programs, inspiring the young entrepreneurs and so on to motivate the students and to make them realize the entrepreneur in them. By making so, 20 of our students become successful entrepreneurs in IT & manufacturing sectors.

EDC creates self - employment awareness.

EDC cell conduct Vocational Training / Skill Development programmes.

EDC cell arrange visits to Small & medium Scale Industries in & around Chennai.

CENTRE FOR HIGHER STUDIES

Some students prefer job career after completing their undergrad but some prefer for higher studies. This centre mentors the students to identify their path and help them to achieve their goal by conducting various seminars on higher studies in abroad, awareness of visa in various countries and so on. More than 40 students are doing higher studies in Cleveland University, Ohio, USA, Duquesne University, Pittsburg, USA, Swinburne University, Melbourne, Australia, Edinburg University, UK, New Zealand and in NIT's and IIT's. Experts from IDP gave a lecture to the students regarding the test and how to handle it in better way.

ACHIEVEMENTS OF STUDENTS

Dream big to achieve big. This goes well with our students. Many of our students have energetically taken part in many competitions held in other colleges and brought laurels to the college. Not only in academics but also in sports and cultural part, they leave no stone unturned. Many of our post graduate students have published their research work in various national and international journals.

Students are encouraged to participate in inter-collegiate sports events. They are given enough of practice and molded in such a way to achieve success. They have won may prizes from Anna university zonal meet for cricket, Basket & athletics events