# PERI
## INSTITUTE OF TECHNOLOGY

# switch On a new future

# chairman's message

**PERI** Institute of Technology (**PERI**) excels in its mission to provide an educational and inspirational learning environment which places students on the path to success - in academics, in the corporate world and in entrepreneurship. The cornerstone of our vision is to educate at a level of expertise that fosters enthusiasm and passion in engineering. Our faculty is an elite team of talented & passionate academicians collaborating towards nurturing a generation of successful global citizens.

Sincerely

*Saravanan Periasamy*
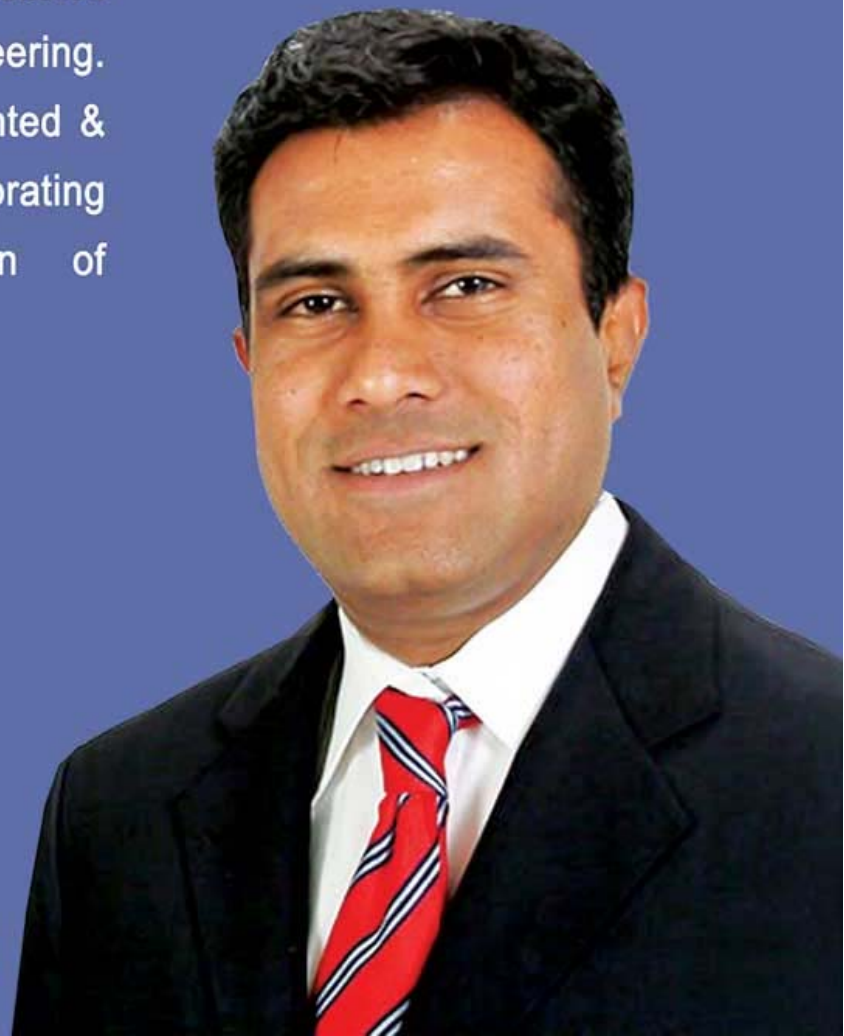
# genesis

The **PERI** Educational and Charitable Trust was established in the year 2007 with the noble intention of serving society by providing education, health care and geriatric comfort to all, especially to the needy, regardless of community, caste, creed or religion. As part of its objective, the **PERI** Institute of Technology was established in the year 2010 for providing technical education of high quality to our youth. This objective has been transformed into reality by the sustained and focused efforts of Mr. Saravanan Periasamy, chairman of the Trust and the President & CEO, **PERI** Software Solutions Inc., U.S.A, which is headquartered in New Jersey with branches in other parts of U.S.A, China and India.

**PERI** Institute of Technology at Mannivakkam, Chennai, is a 16 acre campus with modern facilities and amenities supportive of higher learning. **PERI** IT is recognized as an institution offering technical education by the All India Council for Technical Education (AICTE) and is affiliated to Anna University of Technology, Chennai.

The College 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 academicians and industrialists. The Governing Council is responsible for planning and monitoring all academic and administrative activities of the institute with the help of sub committees created by it. The day to day management is taken care of by an academic and administrative set up with Mr. Saravanan Periasamy at its helm.

**Mr. Saravanan Periasamy** has over 18 years of experience in building and managing businesses in the fields of Technology, Consulting, Energy Management and Education. He has an engineering degree in Electrical & Electronics from India and a Masters Degree in Computer Science from the United States. He is primarily responsible for providing direction and guidance to **PERI**.

management

success

planning

testing

people

ideas

assets

# vision + mission

## vision

PERI Institute of Technology visualizes growing in the future to an internationally recognized seat of higher learning in engineering, technology and science. It also visualizes being a research incubator for academicians, industrialists and researchers from across the world, enabling them to work in an environment with sophisticated and state of the art equipment and amenities provided at the Institute.

## mission

In the process of realization of its vision, PERI strives to provide quality technical education at an affordable cost in a challenging and stimulating environment with state of the art facilities and a global team of dedicated and talented academicians, without compromising in its core values of honesty, transparency and excellence.

# the faculty

The faculty and staff at **PERI** Institute of Technology include a blend of senior academicians holding doctorate degrees and highly experienced administrative and technical personnel. **PERI** is also committed to inviting visiting professors of high distinction from other parts of India and around the world, especially the United States. The faculty is committed to imparting students with knowledge, critical thinking skills and a passion towards success. The faculty is always available to counsel and mentor students.

## inspired learning

# PERI library

The **PERI** Library is equipped with a collection of more than 10,000 books and monographs and scores of unique digital content including a portfolio of distinguished special collections. National and International Journals - both current and back volumes are available in print and digital form.

The library also provides access to hundreds of scholarly databases with the most comprehensive, specialized and up-to-date information on various technical topics. The author and subject index of the books and journals is fully computerized to facilitate easy search and access by faculty and students.

An audio visual center with a large collection of educational videos has been set up. Archives of digital and audio-visual content are maintained in CDs which are available on request.

# student amenities

One of the best aspects of studying at **PERI** Institute of Technology is its excellent campus facilities. In addition to the logistical advantage of being located within the city area, **PERI** also provides the following facilities to its students

- State of the art A/C classrooms, labs, workshops
- A/C College Buses
- Online Access
- Library facilities with print and digital content
- Tie-up with Morgan State University, Maryland, USA
- iGuru, an online LMS that links faculty, students and parents
- Cafeteria
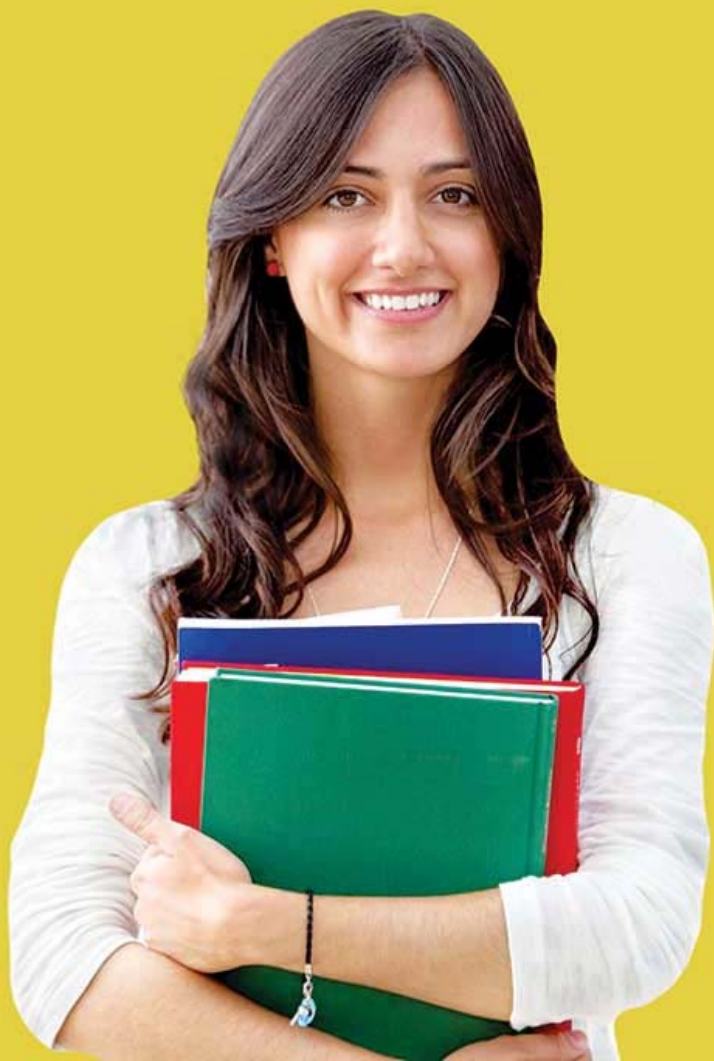- Separate hostels for boys and girls
- Sports facilities

# library
over 10,000
books & journals

# computer lab
latest hardware & software technologies

# lab + workshop
State of the art facilities

# admission

PERI offers engineering courses in the following disciplines.

## Bachelor of Engineering (BE)

- Computer Science
- Mechanical
- Civil
- Electronics and Communication
- Electrical and Electronics

## Master of Engineering (ME)

- Computer Science Engineering
- Applied Electronics
- Communication Systems
- Power Electronics & Drives

# application

Students can apply to PERI directly for management quota or via counseling through Anna University. Application forms can be collected from PERI Institute of Technology campus or PERI's Corporate Office. Students are requested to carefully read all the instructions given in the application form and adhere to the same without any discrepancy or omission. Every application must be accompanied with the necessary documents.

Prospective students can contact admin@periit.com for any further clarifications.

# Foreign University Tie-Up

PERI Institute of Technology and Morgan State University, Maryland, USA have executed a Memorandum of Understanding (MOU).

Morgan State University is over 140 years old and has been an important part of the higher education system in Baltimore City, the State of Maryland and the United States. Morgan serves the community with distinction while meeting the educational needs of an increasingly diverse society. It is designated as Maryland's Public Urban University.

This international collaboration will provide engineering students of PERI and Morgan with global and cross-cultural engineering and social experiences. This tie-up paves the way for the following:
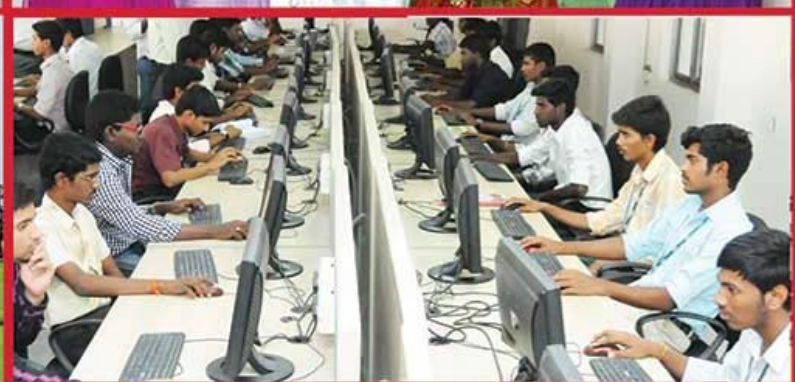
- Student exchange program
- Faculty Exchange Program
- Ability for our graduate students to complete a project/exercise at Morgan State University under supervision from both institutions

PERI
INSTITUTE OF TECHNOLOGY

MORGAN
STATE UNIVERSITY
STAIRWAY TO EXCELLENCE

# gallery

# schedule

**PERI** follows Anna University's academic timetable including start & end of semesters, number of working days and minimum number of classes. Generally, the Institute functions between 8:30 AM and 3:30 PM, Monday to Friday. However, special classes or programs may be held beyond these hours.

# attendance

The minimum attendance required for appearing at the University examinations and other rrules will be as prescribed by the regulations of Anna University. However, it is recommended that the students maintain 100% attendance for all lectures, practical classes and field work. Students should be punctual and be present at least 5 minutes before class or field work begins.

# evaluation

Every student's progress is closely monitored by a pre-asigned faculty member who acts as the student's counselor or advisor during their stay at PERI. This mentor  will provide the necesary guidance to the students with their choice of elective subjects as well as help resolve any academic or social problems.

# ragging

Ragging in any form, place or time will be deemed a serious offence that will warrant severe punishment including summary expulsion from the College. In this regard, the Special Secretary to Government, Department of Higher Education, Govt. of Tamil Nadu, Chennai - 600 009 has issued a Notification under the Tamil Nadu Prohibition of Ragging Act, 1997.

Section 4 reads as "Whoever directly or indirectly commits, participates in, abets or propagates "ragging" within or without any educational institution, shall be punished with imprisonment for a term which may extend to two years and shall also be liable to a fine which may extend to ten thousand rupees."

Section 5 reads as "Any student convicted of an offence under section 4 shall also be dismissed from the educational institution and such student shall not be admitted in any other educational institution."

As per Anna University Regulations of Clause 21, "Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University/College."

These rulse laid down by the Government and Anna University will be strictly implemented in our college and the students are advised to refrain from any activities which will bring disrepute to the college.



# conduct

PERI does not have any prescribed dress code but requires the students to wear modest atire that respects the local traditions and culture. It is expected that they make themselves presentable when inside the campus. However, for laboratory classes and workshops and for certain personality development programs, a specific dress code may be prescribed.

The student is expected to maintain decency, decorum and discipline throughout their stay at **PERI**. They are not to indulge in any activity that may cause inconvenience or harm to other students, staff or public in a way that adversely affects the reputation of the institute.

# scholarship

Under its **M. Karuppana Gounder Scholarship program**, **PERI** provides financial assistance, partial and/or full fee waivers to deserving students every year. Also, students in need of financial assistance will be guided on the procedure to apply for a bank loan.

# fees

Details of exact fees payable as prescribed by the Government of Tamil Nadu will be intimated at the time of admission. Apart from the general fees, fees towards specific facilities like hostel, transport, etc will be stipulated and informed to the students and parents.

No fee paid is refundable under normal circumstances and unless otherwise specified. At the time of admission, the student might be required to furnish a legally bound commitment to accept these terms and conditions. The transfer certificates and other certificates will be issued to the student only when they have he/she has fully satisfied these terms and conditions.

# hostel

There are separate hostels for boys and girls located within the campus. Most students share their room with their peers. This provides them an opportunity to develop closer bonds of friendship and also serves to further enhance their social skills. Students also have the option of staying in single rooms with attached bathrooms and air-conditioning.

Rules have been framed, keeping in mind the local culture and traditions, with a view to guide and help the students to maintain a standard of impeccable conduct. Therefore, while residents enjoy maximum freedom, it is ensured that this is always within the framework of standard guidelines and procedures. This helps to create an atmosphere of amity and peaceful co-existence.

Several hostel activities are organized in an open air of camaraderie, which brings out the best in students and also forms a memorable part of their lives.

# cafeteria

As **PERI** attracts students from all over India, efforts are made to serve a wide variety of cuisines to satisfy their diverse tastes. Modern kitchen equipment has been installed and the food is served in a hygienic and sanitized environment. Our menu is periodically altered based on feedback received from the students.

# B.E mechanical

The Department of Mechanical Engineering has highly qualified, competent and distinguished faculty members to impart quality education and project guidance. Seminars, industrial tours and visits, software training and personality development courses are regularly conducted to provide an all-round experience to students.

The theoretical classes are backed by a number of well developed laboratories such as CAD CAM Lab, with state of the art hardware and software. The department also has well established and 100% equipped laboratories such as Thermal Engineering Lab, Dynamics Lab, Metrology Lab, and Heat Transfer Lab. The department also boasts a sprawling workshop comprising of Machine Shop, Foundry, Smithy, Sheet Metal, Plumbing, Welding Fitting and Carpentry sections.

# B.E electronics & communication

The Department of Electronics and Communication Engineering's courses are designed to enhance the learning, student perspective and experience in different specializations in the field of electronics and comunication.

Classroom learning is complemented by practicals in **PERI**'s several well equipped laboratories such as Electronic Circuits Lab, Digital Lab, Linear Integrated Circuits Lab, Microprocessor & Microcontroller Lab, Digital Signal Processing Lab, Electronic Design Lab and VLSI Lab.

SIBILABO, the department association, periodically conducts guest lectures, seminars and industrial visits. Students and faculty members are encouraged to attend symposiums, workshops, conferences and development programs frequently to improve their knowledge and to get exposure in the relevant fields.

# B.E civil

The Department of Civil Engineering comprises eminent professors with years of industry experience. Classroom lectures are supplemented by modern multimedia educational technologies. Apart from the regular curriculum of Anna University, the department organizes industrial training and project work in industries. Students are encouraged to participate in various subject related seminars and co-curricular and extracurricular activities to help improve their communication and presentation skills.

The department has laboratories equipped with the latest technological tools that help students gain a practical understanding of theoretical concepts. Some of the laboratories are listed below:

- Strength of Materials Laboratory
- Environmental Engineering Laboratory
- Fluid Mechanics and Hydraulic Machinery Laboratory
- Highway and Concrete Laboratory
- Soil Mechanics Laboratory
- Survey Laboratory
- Computer Aided Building Drawing Laboratory

# B.E computer science

The Department of Computer Science comprises a team of dedicated and committed high profile faculty members experienced in both industry & research. The department is also equipped with 6 computing laboratories and a sophisticated data center equipped with all required software and peripherals. All the laboratories have efficient access to high speed internet connectivity.

GIST — Global Information Software Technology, an association formed by the department periodically organizes guest lectures, seminars and and industrial visits for the students to supplement their curriculum. We encourage our students and faculty to participate in symposiums, workshops and conferences conducted by reputed institutions to gain exposure in recent trends in computer and information related areas.

We believe our main task is to prepare students for careers in industry or to pursue advanced graduate studies. Hence, in addition to classroom lectures and guest lectures, our students are also trained by professionals from **PERI** Software Solutions to bring real time industry exposure and prepares the students for the rigors of a career in Information Technology.

# B.E. electrical & electronics

The Electrical and Electronics Department has experienced and efficient faculty who place equal emphasis on theoretical and experimental electrical and electronics engineering. The department also conducts periodic guest lectures by professionals from reputed organizations and universities and arranges industrial visits each semester.

The students are tutored theoretically as well as practically to design electrical and electronic circuits. The department also boasts state of the art laboratories such as, Electrical Machines Lab, Power Electronics Lab, Control Systems Lab and Measurement and Instrumentation Lab, etc.

The department aims to provide quality education and a thorough training in concepts and knowledge necessary for a fulfilling career. The students are also provided special training to strengthen their communication and interpersonal skills.

The Department hosts an association of Electrical & Electronics Engineering named "Elysian" that was inaugurated on 09 Feb 2012.

# M.E computer science

The Post Graduate program in Computer Science Engineering provides the students a credible foundation in theory & concepts, an in-depth working knowledge in technology and hands-on experience in computer software. The Computer Science Department has excellent infrastructure in terms of laboratories, classrooms and seminar halls. A well-qualified and dedicated team of faculty members add merit to the department. The program is approved by AICTE and affiliated to Anna University, Chennai.

**innovative**

**creative** **inspiring**
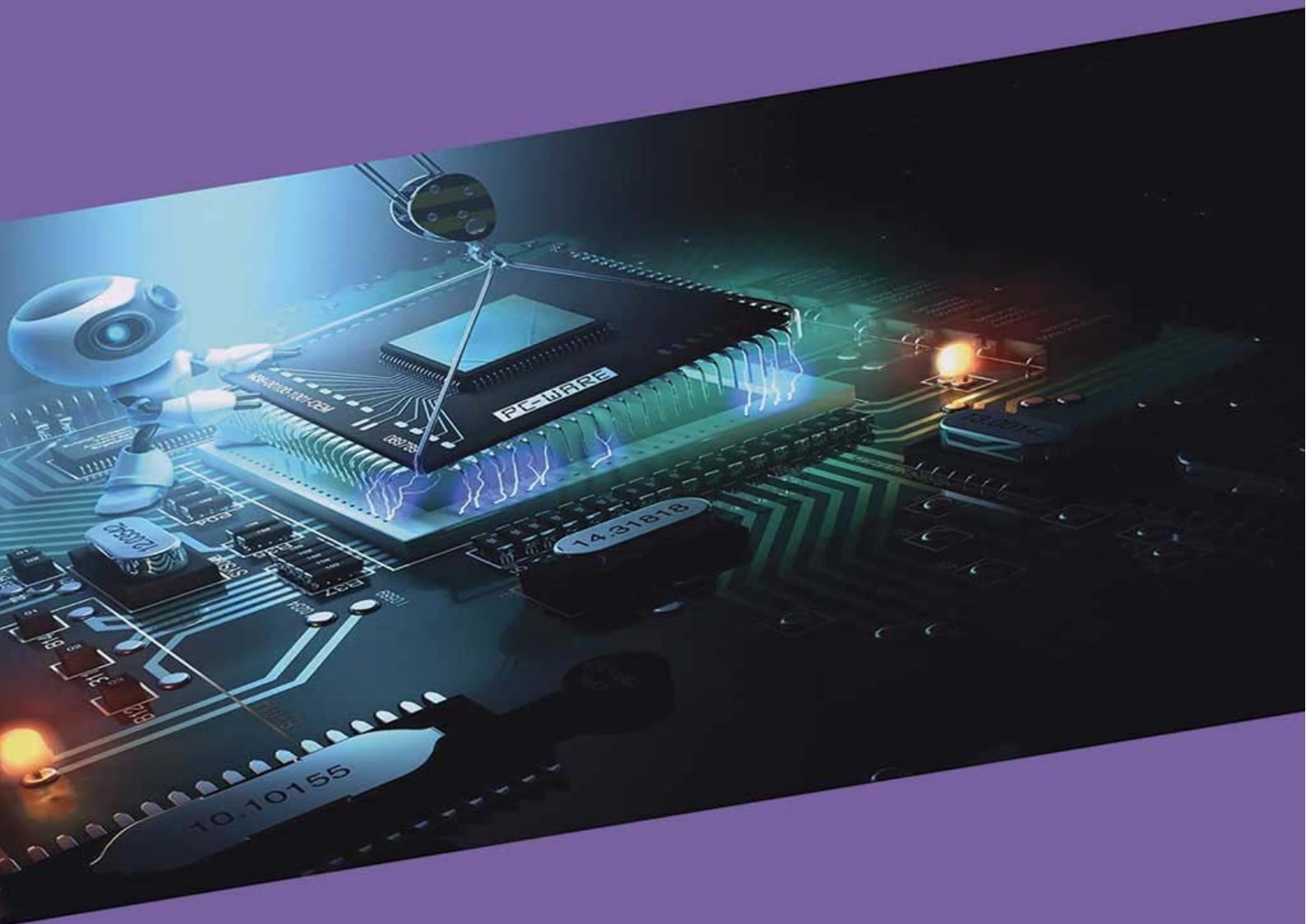
# M.E applied electronics

The Post Graduate program in Applied Electronics is structured to provide students with application-oriented electronic/electrical tutoring, extensive hands-on laboratory experience and the use of standard and specialized test equipment. The relevant knowledge, skills and competencies required by today's industry are integrated into the curriculum. The curriculum has been designed to prepare the graduate to be ready for a rewarding career in a high-tech workplace.

# M.E communication systems

M.E. Communication Systems provides exposure to a wide variety of technical, managerial and organizational concepts essential for commercial application of data communication systems. This course offers an organized and systematic study on significant research topics within the field.

This course has bright career prospects as all leading communication related companies nationally as well as globally are in need of communication engineers. The course also provides good scope for extended research for the students.

# M.E power electronics & drives

Power Electronics and Drives, a specialized area of Electrical and Electronics Engineering focuses on innovations like power semiconductor devices, converter topologies, electrical machine drives and control and Artificial Intelligence (AI) techniques such as fuzzy logic and artificial neural networks.

In this specialized course, the students are exposed to advanced power semiconductor devices, analysis of power converters and inverters, solid state ac and dc drives, computer aided design of electrical machines, modern rectifiers and resonant converters, flexible ac transmission systems, wind energy conversion systems and power quality. The students will also be exposed to various simulation packages like MATLAB/SIMULINK, PSIM/ORCAD, MAGNET and PSCAD.

Industry demands for graduates from this discipline are high and students will also have the opportunity to pursue research in several advanced areas in power electronics and drives. Leading electrical and energy companies are in the lookout for power electronic engineers for their research and development.

# placement

At **PERI**, we have implemented a regimen of training programs for students year-round to ensure their effective placement in leading corporations nationwide and leading global multinationals. Reputed companies visit **PERI** periodically to participate in campus recruitment events and employ students that meet their requirements. **PERI** has tie-ups with leading companies so that they can work in a partnership program to train students in skill sets that are of great need to the industry.

Our pioneering efforts have helped in achieving an unparalleled academic-industrial rapport that has resulted in 100% placement of all graduating students in past years

# 2014 batch
# ALL STUDENTS PLACED

- E-learning content based training on reasoning, quantitative, analytical and verbal skills.

- Software and technology training provided **PERI** Software Solutions engineers

- Periodical online aptitude test sessions

- Periodical technical training sessions by industry representatives

- Interview skills training by industry personnel

- Value added training sessions on soft skills

- Mock interviews and group discussions

- Campus and off-campus interviews

- Industrial visits & guest lectures

| | | | | | |
|---|---|---|---|---|---|
| Infosys® | WIPRO Applying Thought | HCL | IBM. | DELL | Cognizant |
| POLARIS live your dream | tm Tech Mahindra | HDFC BANK We understand your world | citibank | MPHASIS an HP company | SUTHERLAND GLOBAL SERVICES* |
| CSS CORP ICT Services · Technology Adoption | ROYAL ENFIELD | randstad | firstsource | CONVERGYS Outthinking Outdoing | EQUINITI ICS |
| TRIGENT | USHA | Pioneer | HGS HINDUJA GLOBAL SOLUTIONS | MAVERIC Transforming Assurance | Reynolds® |
| AEGIS | KOCHAR TechnoSoft | coretree. | NOVA-GLOBAL | ANSI American National Standards Institute | Rajsriya Automotive Industries (P) Ltd |
| Quatrro Beyond the existing | serco | Aagna.co | PIONEER DESIGN | ALLEGIS GROUP | CARE service...with passion |
| Dhonadhi Hi-Tech Solutions | e4 | GESTAMP AUTOMOCIÓN | L-Cube | PRA | preludesys IMPLICIT KNOWLEDGE |
| UNIPRES | RELIANCE Communications Anil Dhirubhai Ambani Group | VECTRA FORM | Datalogics | i-train | Techno Forum |

*Guest Lectures

**PERI**'s career training program offers our students targeted, competitive techniques that help students manage interviews as well as job expectations. This program fosters building self-esteem, communication and interpersonal skills and inculcates core values that equip them to compete with the best that is out there.

Our career training program is the brain child of **PERI** Software Solutions Inc, USA. The curriculum for the training program has been designed by technocrats and involves rigorous assignments and evaluations. Our 'boot camp' like training empowers students to emerge fully prepared to take on their job responsibilities, facilitate change, innovate and ultimately, be trail blazers in their chosen career path.

# PERImade
# HISTORY

**40000+**
## CANDIDATES
## PARTICIPATED

**37**
## COMPANIES

**5000+**
## JOBS

Infosys · WIPRO Applying Thought · HCL · IBM · DELL · Cognizant
POLARIS live your dream · Tech Mahindra · CSS CORP · SUTHERLAND GLOBAL SERVICES · MPHASIS an HP company · HDFC BANK We understand your world
ROYAL ENFIELD · USHA · Pioneer · firstsource · HGS HINDUJA GLOBAL SOLUTIONS · MAVERIC Transforming Assurance
NOVA-GLOBAL · CONVERGYS Outthinking Outdoing · AEGIS · EQUINITI ICS · Reynolds · TRIGENT
coretree · KOCHAR TechnoSoft · randstad · ANSI American National Standards Institute · Rajshya Automotive Industries (P) Ltd · Quatrro Beyond the existing

# LARGEST JOB FAIR IN CHENNAI HISTORY

# make a
# difference

**COUNSELLING CODE : 1452**

# PERI
### INSTITUTE OF TECHNOLOGY

**College Campus:**

No. 1, Mannivakkam, West Tambaram,
Chennai - 600 048. Tamilnadu, India.
PH: 096771 30343 / 096771 30347 / 096771 30344
admin@periit.com
**www.periit.com**

Like us at facebook.com/PERI.IT