

PROFILE OF PES UNIVERSITY

Peoples Education Society (PES) founded in the year 1972 has strived incessantly for imparting quality education in the fields of science, medicine, engineering and management. The infrastructure, faculty and of teaching-learning processes are in sync to make the student capable to the future pursuits of life. The unwavering commitment to the quality education in PES Institute of Technology (PESIT) facilitated easy evolution of **PES UNIVERSITY** (state private University) in the state of Karnataka vide government notification No. ED 85 UNE 2013 dated 19-11-2013. Government of Karnataka published **PES UNIVERSITY ACT-2012** of Karnataka Act 16 of 2013 (which received the assent of the Governor on the fifth day of February 2013 and first published in the Karnataka Gazette Extra-ordinary on seventh day of February 2013) under clause(3) of article 348 of the constitution of India in the Karnataka gazette for general information on Thursday, May 16, 2013. The campus of the university is 100 Feet Ring Road, BSK III Stage, Bangalore - 560 085 where PESIT existed and it is **spread over an area of 25 Acres 26 Guntas** that is highly conducive to learning. It is a green campus located right in the heart of Bangalore, providing numerous location-based advantages.

The vision of PES University is *to create professionally superior and ethically strong global workforce*. The intent and belief of PES University is that professionalism should be built on strong ethical foundation. All PES University programs shall strive to create professional manpower with global perspective and the university has been established to serve the educational needs of the country through comprehensive programs of education and research. **The University has come up as an extension of PESIT which has set high standards of technical education** in the country. PESIT is one of the most sought after technical institutes by students, parents and employers. Most of the seats get filled up on Day-1 of the Karnataka state's admission process. **More than 70% of the eligible candidates were placed within 3 days of the start of the placement season every year.** PESIT was granted autonomy by University Grants Commission (UGC) in 2008 following the recommendation by Government of Karnataka and Visvesvaraya Technological University (VTU), Belgaum. The institute has used the autonomy granted to it effectively by initiating **comprehensive academic and non-academic reforms**. These programs are getting into a phase of maturity and now poised to **scale these programs to increase the**

quality and quantity of education and research. This has led to the establishment of PES University as a state private university.

PES University believes that Faculty, Students and Infrastructure are the three pillars on which the university rests, supported strongly by the foundation of top management commitment to excellence. The top management has shown its commitment by providing **matching grants for research, encouraging international participation and establishing state-of-the-art labs.** The university believes in **the comprehensive development and inclusion agenda** for gifted as well as weak students. While the **gifted students** have to be encouraged to break new barriers, the **weaker students** have to be supported and brought up to higher levels through **academic support programs.**

Labs and **industry-led Centres of Excellence** shall be created on the university campus to provide an environment that encourages research and development to finally result in helping the economy of the region. These centres shall germinate innovative ideas on the campus to blossom as start-up companies which helps the innovators focus on the technology while the university takes care of infrastructure and establishment overheads. **We believe this is a very strong commitment by the university to encourage innovation.**

PES University has developed SPIRIT framework (acronym for **S**tudents, **P**rocesses, **I**dentify, **R**esearch, **I**nfrasturcture, and **T**eachers) for continual improvement in the university.

Students - Methods to attract quality students year after year, mechanisms to enhance the experience of existing students and ways as well as means to engage the alumni to bring back their experience to the campus. Attracting prospective and merited students to University fold will be a serious exercise that everyone at PES strives for. Organizing quiz events, science-experiment competitions, meeting high school students and making them to visit the University are a few among many to attract incumbents. Enhancing experience of existing students by specially designed special topics, seminars, assignments, designing

and developing prototypes, industry internships, encouraging to obtain international internships, participation in competitions are few initiatives that continually exposes students to challenges and problem solving and induce them to create, share and apply and achieve results. Regular Alumni contacts and fostering programs involving them to mentor their juniors is yet another initiative that is successfully practiced in the University.

Processes - University shall implement the following processes to enhance stakeholder satisfaction:

- ***Campus Wide Quality Improvement Program (CWQIP):*** *This is about optimizing teaching and learning methods across campus. CWQIP works on three distinct fronts: (a) it sets up systems for accountability and continuous improvement in the classroom through supply of course information, teacher evaluation and progress monitoring; (b) it creates an environment where each student is constantly motivated to excel and reach higher by offering incentives in the form of assistantships, rank awards, distinction awards and scholarships; and (c) it provides proactive career management facilities that help students find internships and permanent jobs through a variety of channels;*

- ***Total Student Development Program (TSDP):*** *PES University believes that to be leaders in the real world, the students must develop intellectual breadth and creativity to tackle the challenges of increasing complexity, globalization and rapid change. The Total Student Development Program focuses on every aspect of student personality, helping them develop interpersonal, technical and business skills;*

- ***Gifted Student Development Program (GSDP):*** *This program envisages selection of highly merited students and making them to associate with Research faculty to solve intricate problems and carryout research projects of high quality;*

- ***Student Academic Support Program (SASP):*** *This program has been designed for those students with learning difficulties. These students will have the benefit of teaching & guidance from experienced faculty, alumni as well as senior students in identified difficult subjects;*

• ***Student Teaching Assistantship Program (STAP):*** *Exceptional students are awarded student assistantships to provide with the opportunity to work closely with their teachers, assisting them with their research and teaching. This experience on the other side always helps students to perform better.*

• ***Community Development Program (CDP):*** *Under the program, select students would engage in imparting education, promotion of sanitation and hygiene among the down-trodden children, indulge in National Service Schemes and in environment protection in rural areas.*

Identity - The brand identity of PES has improved, year after year, as multiple career options (such as higher studies, placement in a company, and entrepreneurship) have been set out for students joining PES institutions. Placements to all eligible students – has been the focus of PES institutions. The quality enhancement in scholastics has facilitated achieving bigger and better placements to students. Over 80 companies approach every year to have PES students into their fold and the brand of PES is gaining momentum year after year in view of outstanding performance of PES Alumni working in these companies. The adoption of government schools in the vicinity of the University is another initiative that is building the brand of PES. Industry on campus helps easily accessible but highly productive initiative that helps students and also builds the brand.

Research - PES University intends to attract better quality faculty to be part of faculty team to take forward the research agenda of the University. This shall be supplemented by forging relationships with reputed industries, R&D organizations and international universities. The relationships of PESIT with **Maastricht University-Netherlands, National University of Singapore, Swansea University-UK, Old Dominion University-USA, University of Wyoming-USA, Dalhousie University-Canada, Triveni Gears-Mysore, General Electric, Indus Consulting, Goodrich, Mann Hummel, Eko Vehicles, Samsung, IBM, Nokia, Intel, NXP semiconductors, Freescale, Acropetal Technologies, Forus Health, and Renalyx** shall be taken forward for a perfect symbiotic relationship. An exclusive research facility called **Crucible of Research & Innovation (CORI)** created in PESIT shall become a part of PES University. The University shall

earmark a portion of the budget for encouraging research activities. The University shall continue the PACE (Partnership for Advancement of Collaborative Education) relationship with GM, Sun Microsystems, Hewlett Packard, UGS, EDS and Siemens. UG student research is at high ebb in the University, ably supported by highly qualified faculty derived from both industry and academia. Good number of impactful journal publications, sponsored projects and consulting assignments have been carried out by the faculty. The University follows ART model for faculty in the form of Administration, Research and Teaching in the ratio of 40:40:20. The University encourages and incentivizes all its teachers engaged in research, innovation and patenting.

Infrastructure - The university shall augment infrastructure on a continual basis to meet the norms and standards of the regulatory authorities as well as requirements of conducive learning. PES University besides having highly laudable location advantage does possess fully enabled class-rooms that are customized for teaching-learning activities. Spacious laboratories with all the modern amenities, class rooms with comfortable furniture and audio-visual facility for class conduction as well as future use. The allied facilities like library, computing facilities, recreation, sports with state-of-the-art equipment cater to the needs of students and staff.

Teachers - Teachers are considered the core knowledge pool and academic property of the University. Highly motivated and merited teachers engage in class-room teaching and laboratory practice sessions. Continuous engagement with students and helping them both in academics and career planning has made their association derive benefits in a synergistic manner. Teachers appraisals, students feedback and the performance incentives facilitate the University to flourish and flow forward.

Domain Based Research Approach - PES University encourages teachers and departments to identify the domains for pursuing research, consulting and offering student projects. Once a domain attains a state of maturity in terms of quality of research, research funding and number of students working the domain, the university shall commence establishing of a full fledged Training, Research and Placement (TRP) centre to scale up the activities in the domain.

Student Clubs - PES University shall facilitate the formation of a few student groups for carrying hobby projects to strengthen their theoretical knowledge as being done in PESIT.

- **Team HAYA** – a group of students is specializing in designing race-cars and other automobile related vistas and take part in international exhibitions to enhance learning as well as recognition.

- **The ROBO Club** - a group of students has associated to build robots for achieving several tasks such as floor mopping, carrying books in a library from one place to other and play soccer. The research in robotics got an impetus through this formation.

- **Aeolus** - a group of students designed and built UAV using to show their capabilities at global Aero competitions every year. Also aero-shows are also being organized in the campus to showcase the capability of UAVs.

- **Samkaran:** The Samkaran is an interdepartmental project of Electrical and Mechanical Departmental Students for designing and manufacturing the hybrid car. The electronic control unit is used to control the transaxle for driving the vehicle. This hybrid vehicle is used for participation in competitions and for use on campus.

Joy of Engineering Design and Innovation (JED-I) is among the most recent initiative in which students of computer science, information science and electronic streams involve in study, analyze and create designs. A mentor who is an industrialist as well as an authority in the field of design and innovation runs this unique hands-on practical oriented program chiefly intended to demystify the design and create innovation through design-engineering methods.

Industry on Campus: PESIT has 4 companies operating inside the campus. These are mainly working in the incubation mode which may come out with their proto types to launch commercial operations. PESIT has been encouraging the students and staff to use the furnished facility on campus for their incubation ideas.

PES University stands out with some of the laudable unique features: The research focus that enables

- hands-on practical and contemporary problem solving approach firmly rooted in ethical practices;
- life-long learning goals set for both teachers and students that will continually strive for betterment of personal career as well as societal progress;
- no choice in question papers ensuring students to become full and complete professionals;
- fair assessment practices that is transparent and just;
- enabling students to pursue higher studies and secure good placements by being distinguished in knowledge; and
- possess service attitude to be of use for family, society and nation.

PES University shall create leaders of tomorrow's world who will not just be successful in their individual capacities, but who will in turn, contribute to and nurture the world they live in. The PES University strongly believes in:

Preserving, **E**nhancing and **S**haring knowledge for betterment of the society;

providing **P**roficient, **E**mulating and **S**timulating learning environments;

serving **P**rofessional, **E**conomic and **S**ocial needs of an individual;

Partnership, **E**ntrepreneurship and **S**cholarship spirit; and

fostering values of **P**erseverance, **E**xcellence, and **S**ervice in life.

PES UNIVERSITY'S MESSAGE TO STUDENTS IS

Stay Informed

Stay Focused

Stay Involved
