

**PSG Institute of Technology and Applied Research**  
**Neelambur, Coimbatore – 641 062**

**Annual Report for the Academic Year 2015 – 2016**

**1. Student and Faculty Data**

- The overall **student strength** of the college stands at **637**, which includes **261 girl students**.
- A total strength of **362 students stay in the hostel** of which **136 are girl students**.
- **Four Research Scholars** who were guided by our faculty were **awarded PhD degrees during the current academic year**.
- **Two of our faculty** have completed their **PhD degree programme**.
- At present **20 scholars are pursuing** research under the guidance of our college faculty.
- The college has **55 dedicated faculty members** out of which **23 faculty members** are with **PhD qualification**.

**2. Academic Performance**

- PSG Institute of Technology and Applied Research had performed exceedingly well with a **pass percentage of 97.32%**; out of 299 students who appeared, 291 students have passed all the subjects in **April-May 2015 Semester Examinations**.
- In **Nov-Dec 2015 Semester Examinations**, **pass percentage of students was 91.02%**; out of **635** students who appeared, **578** students **passed** all the subjects (before reevaluation).
- A notable aspect in this regard is **100% pass percentage in 1<sup>st</sup> year ECE & CSE** and the **highest SGPA was 9.62**, secured by **Ms Sreejhaa Suhumar** in the **ECE Department**.

### 3. Major Infrastructure

- **Three more academic blocks** with about **2.0 lakh square feet** will be ready by **April 2016**. It is planned to add a, **library and museum complex**, spread over **1 lakh square feet** by **April 2017**.
- A **hostel complex** with **2 lakh square feet** along with **faculty quarters** spread over **50,000 square feet** will be **ready by July 2016** for the use of students and staff.
- An important unique **world - class facility** that will be added in our institution during next year, is the **convention Centre** with a **seating capacity of 1550** covering an area of **70,000 square feet**, the estimated cost being **Rs.30 Crores**. The total cost of the above on-going infrastructure development work will be around **Rs.130 Crores**.
- **12 laboratories**, at a cost of **Rs 3.82 crores** have been **established in our campus** for the **forthcoming academic year**.

### 4. Events

- The **Orientation programme** was conducted on **31<sup>st</sup> July and 1<sup>st</sup> August 2015**. **Mr Anand Purushothaman, CEO, Payoda Technologies**, Coimbatore was the Chief Guest. **Several industry experts** motivated our students.
- **CSE Block seminar hall** and **ISTE Chapter** was inaugurated by **Founder Trustee, Shri.G.R.Karthikeyan**, on **4<sup>th</sup> January 2016**. **Dr R Subbaian, Former VC, Bharathiar University** has delivered a lecture on **“Be an Engineer, not merely an Engineering Graduate”**.
- **Governing council** meeting was held on **2<sup>nd</sup> March 2016** and valuable guidance from the honorable members were obtained.
- **Anna University Affiliation committee** visited our campus on **19<sup>th</sup> March 2016** for studying the **faculty position and infrastructure readiness** for the next academic year **2016 - 2017**; the process went on smoothly.
- The following **center of excellence** was **established by the** dept. of Mechanical Engineering.
  - **FESTO - Pneumatic Automation Laboratory** in the dept. of **Mechanical Engineering** was established and inaugurated on **20<sup>th</sup> May 2015**.

## 5. Workshop / FDP's/Guest Lectures organized

- Our faculty and staff numbering **32** have attended the workshop on “**Well-being in the working environment**” organized on **19<sup>th</sup> June 2015** by **Mr V Ravindran, MD, Jay Jay Liners**.
- **Micro-teaching in theory and laboratory** courses were conducted during **June and December 2015**, which has helped **36 faculty members** to improve their teaching performance.
- The department association activities were **inaugurated** by **eminent experts in the respective fields** and **twenty five lectures were organized** by the associations for the benefit of our students.
- **Ten workshops and value added courses** were organized by **our faculty for our students** in various departments.

## 6. R&D Activities

- Already one project titled “**Alternate Materials for Machine Tool Structures funded by DST**” is being jointly done with PSG College of Technology.
- Our **faculty** members have **published twenty nine papers**, with high impact factor in **various International journals**.
- Research project submitted by **Dr. J. Ezhil, AP/Physics** has been sanctioned by the **DST Young Scientist scheme** (Start-up grant) – Engineering Sciences. (**Project cost Rs.30 Lakhs**)

## 7. Other major events

- The **NSS unit of PSG iTech**, organized a camp on **8<sup>th</sup> December 2015** at Ganapathypalayam Government Middle School. **46 NSS volunteers** along with **NSS coordinators Mr P Chinnaraj AP/Mathematics and Ms V Vilasini AP/CSE** have organized the camp.
- **75 students** from PSG iTech have participated in the **Organ Donation Camp**, jointly organized by **SNR & Sons Trust on 19<sup>th</sup> March 2016**.
- **32 students** and **2 faculty** have participated in **one day NSS camp** titled “**Save Heritage Perur Temple Project-2016**”.
- **Students Wellness Centre** was inaugurated on **1<sup>st</sup> April 2016**. Nearly **60 students** participated.

## 8. Placement Training Programme

- **Placement Training Programme** was conducted for the **II BE CSE, Mech and Civil Engineering** students on **28<sup>th</sup> December, 2015**. Alumni and students of PSG Tech have given valuable tips regarding placement.
- **Industry Academia Conclave** which was organized on **20<sup>th</sup> February 2016** by all the departments. Expert speakers were invited from various industries to our institution.

## 9. Scholarship

- **18 students** were offered **merit-cum-means scholarships** and we have planned to increase it to **30 this year, the scholarship** amount being **Rs 10,000/- per head**.

## 10. Sports

- Our students **12** in number, won **3rd prize in Throwball** organized by **Park College of Engineering** in 5th Park CET Alumni Trophy - State level Inter Engineering.
- Our students **Mr.S.A.Sakthi Vignesh & Mr.C.Naveen Kumar (Dept. of Mechanical)** won **3rd place in Sepaktakraw** organized by PSG College of Technology (**PSG Tech Trophy**).
- Our **girl students** have got **1<sup>st</sup> place in Table Tennis, Athletic, Discus throw, Shot Put, Javelin and badminton** in the **Anna University intra-zone** tournament.

## 11. Green Initiatives

- **Dr. R. Sivakumar** (HOD Chemistry) and **Mr D. Vivek** (AP-PSGIMS) and team visited **Organic farming at Gobichettipalayam** on **18<sup>th</sup> December 2015**.
- As a part of Green Initiatives, **Solar PV cells of 400kW capacity** are being installed on the roof tops of **administrative and engineering blocks** for meeting the power demands, partially in our institution.

## 12. Tarangini

- Our college has also brought out a **quarterly magazine “Tarangini”** for local circulation among our students and staff, where **articles** prepared by our students are **compiled and shared with our community**.

### 13. Faculty visit abroad

- **Dr. K. Balaji**, Assistant Professor, Department of Chemistry, presented his research work, entitled **“Synthesis and Characterization of Photosensitive Liquid Crystalline Poly (benzylidene-ethers)”** in the **APME 2015** held on **18<sup>th</sup> to 22<sup>nd</sup> October 2015**, at **Yokohama, Japan**.

### 14. Yoga training for staff

- **YES + programme by Art of Living** for the students was organized on **September 7<sup>th</sup>, 8<sup>th</sup> and 9<sup>th</sup> of 2015**. **36 students** were **benefitted**.

### 15. Faculty Awards

- The following faculty namely **Dr S Aramuthakannan, Ms R Tamilselvi, Ms V Vilasini, Ms. B. Priya, Mr. P. Udayakumar and Mr. P. Chinnaraj** participated in **Shot put, Table Tennis and Relay race** and have won **1st Prizes** in the **staff day competitions** held for the **staff of PSG institutions** during this academic year.

### 16. Workshops and guest lecturers attended by faculty

- Our faculty numbering **forty** attended several **workshops, conferences, FDPs** organized by **various reputed institutions**.

### 17. Corporate social responsibility

- Our faculty also delivered **twelve guest lectures** in other institutions as a part of our **corporate social responsibility**.
- **Our faculty** were also involved in **Organic Farming at Gobichettipalayam** and several eco-friendly initiatives of Coimbatore city.
- **44 students** have volunteered for **blood donation** through **PSGIMSR on 6<sup>th</sup> April 2016**.