



## ACADEMIC YEAR 2014-15

### ANNUAL REPORT

Akshaya College of Engineering and Technology, with a commitment towards developing society, serves to provide a platform to develop in the youth a sense of responsibility towards the society they live in. This institution was established to play a pivotal role in the development of the intellectual capital in engineering fields and committed to the development of indigenous technology, to cater to the Engineering and Technological progressive needs. The institution offers 6 UG courses, 5 PG courses and a research programme.

### ACADEMIC PERFORMANCE OF THE STUDENTS

Our students have performed satisfactorily in the Anna University End-Semester Examinations. The UG students of our 2010-14 batch has produced 72% results and PG students have produced 92.3% results. Out of 322 UG students and 52 PG students, 232 UG students and 48 PG students have been successfully graduated.

The department wise pass percentage of our students are:

#### 2013-14- Even Semester

Overall result of the institution in the academic year 2013-14 Even Semester is 56%.

B.E. Civil Engineering – 49.1%

B.E. Mechanical Engineering-48.3%

B.E. Mechatronics– 51.6%

B.E. Electrical & Electronics Engineering – 36%

B.E. Electronics & Communication Engineering – 60.9%

B.E. Computer Science & Engineering – 66.3%

M.E. Structural Engineering – 60%

M.E. CAD/CAM – 0%

M.E. VLSI – 96%

M.E. Applied Electronics – 95.2%

M.E. Computer Science and Engineering – 96.5%

### **2014-15- Odd Semester**

Overall result of the institution in this academic year 2014-15 Odd Semester is 53%.

B.E. Civil Engineering – 47%

B.E. Mechanical Engineering- 53.6%

B.E. Mechatronics– 42.8%

B.E. Electrical & Electronics Engineering – 46.8%

B.E. Electronics & Communication Engineering – 59.9%

B.E. Computer Science & Engineering –49.1%

M.E. Structural Engineering – 35.2%

M.E. CAD/CAM (FT) – 60%

M.E. CAD/CAM (PT) – 100%

M.E. VLSI Design – 76.9%

M.E. Applied Electronics (FT) – 53.3%

M.E. Applied Electronics (PT) – 0%

M.E. Computer Science and Engineering(FT) – 70%

M.E. Computer Science and Engineering(PT) – 100%

Every year the college has University Rank Holders which is one more feather in the cap of the institution.

### **ANNA UNIVERSITY RANK HOLDERS**

#### **Under Graduate (Batch 2010-14)**

S. Uma Maheswari B.E. CSE – Rank 12

Karthik M B.E. Mech – Rank 16

D. Nanthini B.E. CSE – Rank 49

Soumya K B.E. Civil – Rank 37

**Post Graduate (Batch 2012-14)**

Shilpa. C M.E. Applied Electronics – Rank 5

Veena Vijayan M.E. Applied Electronics – Rank 20

Arjun J S M.E. Applied Electronics – Rank 41

Gayathri A M.E. CSE – Rank 37

Priyanka M M.E. CSE – Rank 18

Shree Divya R - M.E. CSE – Rank 48

M. Devi M.E. VLSI DESIGN – Rank 47

A. Mahalakshmi - M.E. VLSI DESIGN – Rank 48

Dhani Nanu - M.E. VLSI DESIGN – Rank 43

Nandhini P - M.E. VLSI DESIGN – Rank 45

**HIGHLIGHTS OF THIS ACADEMIC YEAR**

- Second International Conference on *Current Trends in Engineering and Technology ICCTET 2014* was organised.
- National Level Technical Symposiums *Virtuofest'14, Marcellus'14, Priscus'14, MADOX2K14 and EXPLORATORIUM 2K14* were organised.
- A National Level Technical Symposium *Tech Connect'15* was conducted on 30.1.2015 for Polytechnic students.
- A One Day Pre Conference Workshop on *Current Trends in Engineering and Technology* was organised.
- MSME, Govt of India Enterprises funded Rs. 74,000/- for conducting Industrial Motivational Camp and Mobile Servicing Skill Development Programmes in this academic year.
- Anna University, Chennai, sponsored Rs. 60,000/- for the conduct of FDTP on *Database Management System*.
- SKCET EDC funded Rs.10,000/- for the business plan to establish Coir Company in our Institution.
- Anna University Chennai approved FDTP on *EE6403 Discrete Time Systems & Signal Processing*, funded with a worth of Rs. 63,000/- was conducted.

- Department of Mechanical Engineering conducted Anna University, Chennai, approved FDTP on *Heat and Mass Transfer*.
- Institution Membership and MoU was signed with Oracle Workforce Development Program.
- MoU was signed with Central Institute of Fisheries Technology (CIFT) for Internships, Trainings & ME Projects.
- MoU was signed with EFY for conducting Hands on Training Workshops or Short Term Courses.
- Signed MoU with Flow Link Systems regarding Industrial Visits, Guest Lectures, Trainings and R&D.
- Signed MoU with Yashika Industries, Chennai.
- Signed MoU with Centre for Career in Uniformed Services.
- Signed MoU with Messer Cutting Systems India Pvt Ltd to jointly work on projects required for industries and research needs.
- Signed MoU with Coimbatore Industrial Infrastructure Association to work on project required for industries and research work.
- Signed MoU with Oracle Workforce Development Programme.
- Signed MoU with Simser Controls and Systems to conduct *On the Job Training Programme for Electrical and Electronics Engineering Students*.
- Signed MoU with Indo Shell Mould Ltd, Coimbatore for establishing *On the Job Training Programme for Mechanical and Mechatronics students* in the premises of Indo Shell Mould Ltd.
- Signed MoU with Canara Bank regarding educational financial assistance.
- Signed MoU with Coimbatore District Small Industries Association (CODISSIA) to exchange their expertise for the mutual benefit and growth.
- First Graduation Day was conducted on 27.4.2014.
- A Technical Awareness Programme *Embedded Systems – An Overview and Recent Trends* was organised for IEEE students.
- IEEE Student Branch conducted Technical Awareness Programme on *Extreme Programming* on 14.8.2015.

- An interactive session on *Measure of Success in Life* was organised for the faculty members of the institution.
- EDII sponsored Rs.14,000/- for the conduct of a 3 day Entrepreneurship Awareness Camp.
- Br.MSME,DI,CBE, sponsored Rs.65,000/- for conduct of a 1 month Entrepreneurship Skill Development Program on Mobile Repairing.
- Br.MSME,DI,CBE, sponsored Rs. 8,000/- for the conduct of a 1 day Industrial Motivational Campaign.
- Women Development Cell-INCITE was inaugurated.
- Nearly 35 papers have been published by our faculty in reputed journals, 219 students have underwent their inplant training and 145 students have successfully completed their internships.

Value Added Programmes like *LABVIEW, Digital Image Processing, PLC Programming, CCNA, Cloud Infrastructure and Services, PROE, ANSYS, Revit Architecture*; Seminars on *Application of Electrical Engineering in Petroleum Industry, Emerging Trends in Core Industry, Debugging and Testing of Hardware & Software, Laser Technology and Applications, Fuzzy Logic, Basics of Electronic Devices and Circuits, Industrial Requirement, General Legal Awareness*; Guest Lectures on *Ethical Hacking and Networking, Higher Education in Germany, PCB Designing & Manufacturing, Design and Role in Industries, Recent Trends in Automobiles*; Workshop on *MATLAB, Digital Image Processing, Propeller Clock*; Training on *AUTOSTROKE 2014, Career Guidance Program, SEED Programme and Language Enrichment Programme*, Swine Flu Awareness Rally by Rotaract Club, Blood Donation Camp in association with Shanthi Social Services by NSS unit of the college, etc., were organised for the benefit of student community.

The days of National importance like Independence Day, Republic Day, Teachers' Day, Engineer's Day, International Women's Day, Pongal Celebrations, Pooja Celebrations, Onam Celebrations, International Yoga Day, National Science Day, etc., are celebrated with great fervour and festivity. 15th August Independence day and January 26 Republic Day is celebrated with various formal events including flag-hoisting and march-past. Various

competitions like Elocution, Essay Writing, Debate, etc., are being conducted and the students are encouraged to participate in it.

### **ACHIEVEMENT IN SPORTS**

- Our students have participated in various sports events in the Anna University Chennai Zone-10 Inter Collegiate tournaments, and have bagged several prizes. They have won Silver Medal in 400meter and 1500meter and Bronze Medal in 20km walk.
- They have also secured 4<sup>th</sup> place in Triple Jump;, Hammer throw, 100 meter, Javelin Throw , Half Marathon and 2<sup>nd</sup> place in “Best Physique” known as “Iron Man” in Tirupur District.
- R.Saranraj of II Mechanical was selected to represent the left front position and he has secured Fifth Place out of 20 top ranks of SDAT.
- Our students won 8 medals for 100m dash, 400m , long jump and Short put in Junior Athletic Meet organised by Kovai Athletic Club in association with Pollachi Athletic Club.
- Our college cricket team got selected in Second Division Cricket League in Coimbatore District Cricket association (CDCA).
- Our college Ball Badminton Team won Runner-Up of Thangamani Trophy organized by Red Star Club, Sundarapuram, Coimbatore.

An exclusive cell for placement and training functioning in the college continuously increase the contact base for both training and placement activities and keenly concentrates to interface with the outside world and create the maximum recognition of the College. It organises practice sessions through the eminent industry personnel, Mock Interviews, GD's Project Presentations, Personality Development Workshops etc., to hone the skills of the students. Series of Seminars - *Step Into Corporate Industry Focus 2014*; Guest Lecture on *Top 5 trends in IT Industries, Strategies for Crafting Career, Higher Studies at Foreign Universities, Career Opportunities in Core Industries, Career Opportunities in Armed Forces*; E-BOX Training; Placement Orientation Programmes on Personality Development, etc., were

organised by the Cell. Companies visited the campus for recruitment has shown commendable appreciation for the efforts of the institution towards the performance of its students during the recruitments. 270 of our students got their placements in reputed companies.

The clear intent of the institution is to produce Engineers who are competent to face the global challenges and the focus is to make sure that the student as an assured individual is well aware of the career path to pursue and goes ahead to be successful in all spheres of life. The college works on every aspect of imparting in-depth knowledge, honing the skills, inculcating the right attitude, grooming the personality and enriching the value based education. The fabulous results that the students brought have been consistently excellent in all branches since its inception prove to be the benchmark of the success of the institution.



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