



**ACADEMIC YEAR 2016-17**  
**ANNUAL REPORT**

*Akshaya* is a place where one can experience and enjoy learning and here the students are motivated, mentored and guided towards fulfilment of their dreams and attainment of their goals. This institution was established to play a pivotal role in the development of the intellectual capital in engineering fields to cater to the progressive needs and catalyzes excellence in moulding out young graduates through rigorous academic training programs, personality development programs and personal counselling. Approved by AICTE, New Delhi and affiliated to Anna University, the institute is ISO 9001:2008 certified and recognised as Smartz Centre by TUV Rheinland, Germany. The capital of the college comprises intellectually competent faculties with rich experience, seriously committed, with a dynamic and systematic approach in teaching-learning process and highly efficient in their respective fields. It works with Pupil – Teacher ratio as 12:1 and a mentoring system with Pupil- Mentor ratio as 15:1, to support student in academic and social development.

*Akshaya* offers a wide range of scholarships every academic year to enhance learning. Besides promoting research and disseminating knowledge, the institution fosters cooperation between the academic and industrial communities and as a result, has built-up an impressive placement record.

**Academic Performance of the Students:**

Our students have performed satisfactorily in the Anna University End-Semester Examinations. The UG students of our 2012-16 batch has produced 73.5% results and PG students have produced 79.6% results. Out of 473 UG students and 54 PG students, 348 UG students and 43 PG students have been successfully graduated.

The department wise pass percentage of our students are:

**2015-16- Even Semester**

Overall result of the institution in the academic year 2015-16 Even Semester is 65%.

B.E. Civil Engineering – 48.2%

B.E. Mechanical Engineering-61.4%

B.E. Mechatronics– 60.2%

B.E. Electrical & Electronics Engineering – 75.8%

B.E. Electronics & Communication Engineering – 82.7%

B.E. Computer Science & Engineering – 68.1%

M.E. Structural Engineering – 90.4%

M.E. CAD/CAM (FT) – 80%

M.E. CAD/CAM(PT) – 100%

M.E. VLSI – 100%

M.E. Applied Electronics (FT) – 100%

M.E. Applied Electronics (PT) – 0%

M.E. Computer Science and Engineering(FT) – 90%

M.E. Computer Science and Engineering(PT) – 50%

**2016-17- Odd Semester**

Overall result of the institution in this academic year 2016-17 Odd Semester is 63%.

B.E. Civil Engineering – 53.9%

B.E. Mechanical Engineering-53%

B.E. Mechatronics– 73.1%

B.E. Electrical & Electronics Engineering – 65.3%

B.E. Electronics & Communication Engineering – 81.1%

B.E. Computer Science & Engineering – 81.1%

- M.E. Structural Engineering – 50%
- M.E. CAD/CAM (FT) – 60%
- M.E. CAD/CAM (PT) – 0%
- M.E. VLSI Design – 100%
- M.E. Applied Electronics (PT) – 100%
- M.E. Computer Science and Engineering(FT) – 60%
- 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 2012-16)**

VishnuSree. S, B. E. ECE – Rank 20

Kaviya. S, B. E. CSE – Rank 36

#### **Post Graduate (Batch 2014-16)**

Aravindh. B. M, M. E. CAD CAM – Rank 7

Roseline Mercy. M, M. E. CSE – Rank 32

Divya. B, M. E. Structural Engineering – Rank 31

Lavanya. L, M. E. Structural Engineering – Rank 33

Sangeetha. S, M. E. VLSI – Rank 33

MohammedRafi. I, M. E. Structural Engineering – Rank 50

### **HIGHLIGHTS OF THIS ACADEMIC YEAR**

- 3<sup>rd</sup> International Conference on Current Trends in Engineering & Technology (ICCTET) was organized.
- Faculty Development Training Programmes on *Internet of Things* and *Analog and Power Embedded System & Wireless (IoT)* were organized.
- *Quality Awareness Program for ISO 9001-2015 Standard* was organized.
- *Step into Corporate Industry Focus 2016* was conducted.
- Anna University approved 7 day FDTP on *Strength of Materials* was organised.
- Signed MoU with T.I.M.E Institute for GATE coaching.

- Coimbatore Robotics League 2017 was organised by the department of Mechatronics Engineering for school students at the institution.
- Entrepreneurship Development Institute of India(EDI), Ahmedabad, funded Rs. 20,000/- for conducting Entrepreneurship Awareness Camp (EAC).
- Texas Instruments, Bangalore, funded Rs.2,85,500/- for conducting a four day FDTP on *Analog Power, Embedded and Wireless IoT*.
- Our students won 3<sup>rd</sup> place out of 1250 project submissions and cash award of Rs. 12,000/- in IOT Innovation Challenge organised by Buyonci NASSCOM on the project *Infant Health Care Monitoring Using IoT*.
- Mitsubishi Electric Cup, Ahmedabad, funded Rs.79,000/- for the project titled *Solar Operated PLC based Automated Irrigation System with Fault Preventer*. The students secured 13<sup>th</sup> place out of 768 project submissions.
- AICTE Pradan Mantiri Koushal Vikas Yojanah PMKVY-TI funded Rs.8,10,000/- for conducting Skill Development Courses in CNC Turning and Lathe Operator.
- A student project proposal titled *Smart Warrior Life Preserver Using IoT* sent to IEEE Madras Student Project received a fund worth Rs. 3,00,000/-
- ICT Academy of TamilNadu funded Rs.10,000/- for the project *Automatic Irrigation System Using PLC*.
- K.Chinraj and S.Karthickraja & R.Manikandan of IV year EEE won Student Innovator Award 2016 for the project *Automatic Irrigation system using PLC with fault prevention* from ICTACT and received cash award of Rs 10,000.
- D. Sabari Krishnan, K. Chinraj, S. Karthick Raja & Dhilep Kumar of IV EEE won 13<sup>th</sup> prize for *Solar operated PLC based automated irrigation system with fault preventer* in Mitsubishi Electric Cup-Project Expo'17 and received 80,000/- as a grant for project.
- D.Sabari Krishnan, K.Chinraj & Dhilep of IV EEE applied for Institute of Engineers and received Rs.20,000/- for project *Development of Proficient system for effective production in agriculture era using Sensors and Wireless Technology*.
- 2 students won cash prize of Rs.10,000/- in All India level 6<sup>th</sup> Web Bench Contest conducted by Texas Instrumentation.
- Sharmila A of III year won the all India level 6<sup>th</sup> Web Bench Design Contest conducted by Texas Instruments, USA and received cash award of Rs.10,000/-.

- 4 of our students won the all India level 7<sup>th</sup> Web bench Design Contest conducted by Texas Instruments, USA and received cash award of Rs.11,725/- each.
- Umar B and Ranjitha R of II ECE won the Drishti Online Contest on MSP430 conducted by Texas Instruments, USA and received Chronos Smart RF Watch and Device Kit.
- Our students won 3<sup>rd</sup> prize and a cash award of Rs.35000/- from Foundation for Advancement for Education & Research (FAER) for the project entitled *Public Vehicle Access System for Visually Impaired Using NFC*.
- Out of 430 project submissions our students were selected as finalist for the project *Smart Warrior Life Preserver Using IoT* in IEEE National Level Project Expo organized by IEEE Madras Chapter.
- III year EEE students, N.Indhumathi & V.Vinitha won All India Level 7<sup>th</sup> Webench Design Contest conducted by Texas Instruments and received cash award of Rs 10,000 for each participant.
- 4 students won Smart Chronos Watch, each worth Rs. 8,000/-, in MSP430 Contest organized by Texas Instruments in December 2016 in Ti Web Contest.
- S.Karthicraja, Sabarikrishnan.D and K.Chinraj of IV EEE won Mitsubishi Electric Cup and cash award of Rs.35,000/-
- Out of 20,000 project submissions for Smart Hackathon organised by Govt of India, a team from our institution was shortlisted for finals for their project *Smart Radiation Monitoring Using IoT*.
- Annual Day was celebrated on 24.3.17.
- Inauguration of IEEE Student Branch & a Workshop on *The Benefits of IEEE* were organised.
- Signed MoU with TIME, Coimbatore for conduct of GATE training.
- Signed an MOU with Centre for Career in Uniformed Services, Coimbatore, to train students for Placement as Engineering Officers in Defence Services.
- Signed MoU with Simser Control Systems Pvt. Ltd., Coimbatore.
- Blood Donation Camps and Seminar on *Awareness About Breast Feeding* was organized by the NSS unit of the college.
- The students of EDC of the college participated in activities and contests like fourth Entrepreneurship Awareness Camp, IOT Innovation Challenge, FEP Program,

Mitsubishi Electric CUP, TI, Webench Contest-6, IEEE Project Expo, FAER Scholarship Award, MSP430 Contest Smart Hackathon Contest, Kalam Innovation Challenge, Science City and PMLK Lab.

- Akshaya Center for Placement in Defence conducts various activities like Trekking, Fitness competition in Defence Academy, Guest Lecture on *Center for Career in Uniformed Services*, etc. for interested students

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. Value Added Programmes like *Revit Architecture, STAAD PRO, Primavera, PLC & SCADA, Msp430, Java, PROE, CCNA*; Workshops on *Total Station, Focus on Machine Learning, Measurements and Instruments, Arm Processor For Power Electronics Applications, Msp430, Arduino*; Guest Lectures on *Civil Engineering Works in Military Field, Total Station, GATE Preparations, Overall Product Development Cycle with Emphasis on Latest Tools, Computer Aided Process Planning (CAPP), Altair Hyper Works, Tungsten Inert Gas Welding, Recent Trends in Piping Technology, Control System Engineering, Metrology and Measurement, GATE Preparations*; Hands on Training on *C Programming and Data Structures, Python Programming, Language Enrichment Programme*; Seminars on *Data Structures and Algorithms, Future Scopes on Employability in IT* and Technical Training Programmes on *Java Certificate Course and CCNA* were organized to enhance the skills of the students. Nearly 150 students have completed their internships and 90 students have successfully completed their inplant training.

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.


## PLACEMENTS

Placement record both in terms of percentage of registered students placed as well as the number of companies visiting the campus. At *ACET* the percentage of placements has been a key factor for its success and popularity in short duration. 151 students got their placements in reputed companies.

## ACHIEVEMENT IN SPORTS

- Our College Ball Badminton Team has won first place in GCT Ball Badminton Trophy held at Kumaraguru College of Technology, Coimbatore.
- Our College Chess Team has won first place in Sasurie Chess Trophy held at Sasurie Academy of Engineering, Kurumbapalayam, Coimbatore.
- Our college team has won Third Place in Anna University Zonal Ball Badminton Tournament and won third place in Adithya Trophy Ball Badminton Tournament and also in CIT Trophy Ball Badminton Tournament.
- Our students have participated in the Anna University Zonal Athletic Meet, and have bagged eight medals held at Nehru Stadium, Coimbatore.
- Our students have won Silver medal in 1500 meter running, high jump, 4x100 meter relay, 100 meter dash, Javelin Throw, 4x100 meter relay, Half Marathon, 5000 meter running, 5 km walk, Yoga Competition, Gold Medal in Mr.Tirupur Body Building Competition, TIES 2015, Football in Open District Level Tournament and secured 4<sup>th</sup>, 5<sup>th</sup> and 8<sup>th</sup> places in "BEST PHYSIQUE" for 60 kg category in Open State Level Competition.

**ACET** constantly strives to serve the areas and domains that have the potential to improve the quality of life for large sections of the society and it is highly aimed to attain rigorous academic study and the excitement of innovation with the support and intellectual stimulation.

  
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