



ACADEMIC YEAR 2015-16

ANNUAL REPORT

The students of today are inundated with plenty of choices at the higher education level due to steady rise in educational institutions. *Akshaya* is the right choice for any aspirant to demarcate a good institution. Located in a tranquil and conducive ambience for peaceful learning, the institute was established in 2009 as a response to the clarion call made by the public for a quality engineering institution in Kinathukadavu. This prestigious institution, at present, offers 6 UG courses, 5 PG courses and a research programme. Since its inception, the institution made rapid strides in academic performance, infrastructure development, employability of its graduates, staff welfare, service to the society, strengthening its industry institution interaction and research and extension work.

ACET also actively encourages its teaching and supporting staff to acquire higher qualifications and supports them while they do so. This is done with a view to enhance the quality of educational activities in the institution. The main features of the college comprise of well-equipped laboratories, highly committed faculties, high pass percentage, state-of-the-art infrastructure, excellent placement record and provide the much needed serene environment for serious academic pursuits.

The greatest hallmark of the institution is the special care taken to enable students to secure university ranks and is itself further committed to ensure hundred percentage personality development of all its students.

Academic Performance of the Students:

Our students have performed satisfactorily in the Anna University End-Semester Examinations. The UG students of our 2011-15 batch has produced 75.4% results and PG students have produced 87.8% results. Out of 432 UG students and 41 PG students, 326 UG students and 36 PG students have been successfully graduated.

The department wise pass percentage of our students are:

2014-15- Even Semester

Overall result of the institution in the academic year 2014-15 Even Semester is 65%.

B.E. Civil Engineering – 46.6%

B.E. Mechanical Engineering-66.1%

B.E. Mechatronics– 38%

B.E. Electrical & Electronics Engineering – 67.5%

B.E. Electronics & Communication Engineering – 76.7%

B.E. Computer Science & Engineering – 68.9%

M.E. Structural Engineering – 64.7%

M.E. CAD/CAM (FT) – 100%

M.E. CAD/CAM(PT) – 100%

M.E. VLSI – 84.6%

M.E. Applied Electronics (FT) – 42.8%

M.E. Applied Electronics (PT) – 0%

M.E. Computer Science and Engineering(FT) – 83.3%

M.E. Computer Science and Engineering(PT) – 66.6%

2015-16- Odd Semester

Overall result of the institution in this academic year 2015-16 Odd Semester is 51%.

B.E. Civil Engineering – 38.4%

B.E. Mechanical Engineering-45.2%

B.E. Mechatronics– 45.2%

B.E. Electrical & Electronics Engineering – 52.5%

B.E. Electronics & Communication Engineering – 72.7%

B.E. Computer Science & Engineering –51.4%

- M.E. Structural Engineering – 60%
- M.E. CAD/CAM (FT) – 80%
- M.E. CAD/CAM (PT) – 100%
- M.E. VLSI Design – 100%
- M.E. Applied Electronics (FT) – 63.6%
- M.E. Applied Electronics (PT) – 0%
- M.E. Computer Science and Engineering(FT) – 65%
- 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 HOLDER

Post Graduate (Batch 2013-15)

Indu G Nair M.E. CSE – Rank 15

Nithya M M.E. CSE – Rank 16

Deepika S M.E. VLSI DESIGN – Rank 19

Richard K M.E. Applied Electronics – Rank 32

Nimisha K M.E. Applied Electronics – Rank 45

Thilagavathi B M.E. VLSI DESIGN – Rank 35

Uma Devi S - M.E. CSE – Rank 47

Gayathri T M.E. CSE – Rank 49

HIGHLIGHTS OF THIS ACADEMIC YEAR

- Centres of Excellence - Oracle Workforce Development Programme Laboratory, CISCO Networking Academy and Wireless Sensor Networks were inaugurated.
- Awarded 192 rank all over India by EDURAND as Best Engineering Colleges in India – 2016.
- Awarded Best Institute Placement by Assocham India
- Dr. N. Suguna, Joint Director, ACET was recognised by ICTACT for Women Entrepreneur Award 2016.
- Dr. J. Jaya, Principal, ACET, was recognised by ePadasalai Transforming Schools

- & Karka Kalvi Chudar, education Today for Educationist Teachers Day Award.
- Third International Conference on Current Trends in Engineering and Technology was organized.
 - Third National Level Technical Symposiums Priscus'15, Marcellus'15, Exploratorium'15, Virtuofest'15 and Madox'15 were organized.
 - Robotics Laboratory and Akshaya Design Academy were inaugurated
 - German Based Company Messer Cutting Systems funded Rs. 10,000/- for the project An Effective Communication System for the hearing impaired using Electronic Circuits by M. Ganesh Aravindraj.
 - An IETE sponsored National Level Seminar on *Fundamentals of Soft Computing Techniques* was conducted.
 - Anna University Chennai funded Rs. 25,000/- for conducting FDTP on *ME6502-Heat and Mass Transfer*.
 - Scilab and IIT Allahabad sponsored Rs.60,000/- for establishing Wireless Sensor Network Laboratory.
 - Entrepreneurship Development Institute of India(EDI), Ahmedabad, funded Rs. 20,000/- for conducting Entrepreneurship Awareness Camp (EAC).
 - IEEE Student Branch 2015-16 was inaugurated.
 - An ICT Academy of Tamilnadu sponsored FDTP on *Mobile Application Development* was organized.
 - Anna University, Chennai approved 7 days FDTP on *CE6605 Environmental Engineering II* was organized.
 - A Workshop on *Emotional Intelligence* has been organized.
 - 100 projects were submitted from the institution for Quest Ingenium 2016, Project Submission Contest, organised by Quest Global in the month of April.
 - Out of 254 project submissions, our students won ICTACT Innovator Award and a cash prize of Rs.10,000/- on the project Smart Irrigation System Using PLC.
 - Out of 1250 Project Submissions for IOT Innovation Challenge, organised by Buyonci-NAASCOM, our students won 3rd place and cash award of Rs. 12,000/- on the project titled Infant Healthcare Monitoring Using IOT.
 - Our students won 2nd prize and a cash award of Rs.2,000/- for the project Smart Kitchen Monitoring Using IoT, in Science City, a TamilNadu State Level Project

Expo out of 512 Engineering colleges in TamilNadu, organized by TamilNadu Govt.

- MoU was signed with M/S CADD LEADER for training students in AutoCAD, REVIT ARCHITECTURE, STAAD PRO.
- MoU was signed with M/S BHUVANA PROMOTERS for inplant training, internships and Field Testing at Construction Sites.
- MoU was signed with M/S MAYA CONSTRUCTIONS for project works related to innovations at sites, field training and placements.
- Signed MoU with BSNL regarding inplant training and industrial visits.
- Signed MoU with GUVI Geek Network Pvt Ltd on 14.7.2015 for training programmes.
- Signed MoU with Open Source Association of India.
- MoU was signed with CADD Leader, Kinathukadavu for training.
- MoU was signed with Simser Controls & Systems.
- Signed MoU with Texas Instruments to establish teaching lab facility in TI Embedded Systems and Analog Systems.
- Signed an MOU with Centre for Career in Uniformed Services, Coimbatore, to train students for Placement as Engineering Officers in Defence Services.
- A 50 hour Placement Training in association with M/S Smart Academy has been organised.
- Placement Day, Womens Day and Alumini Day were organized.
- 272 students got their placements in this academic year.

The college paves importance to extra academic activities apart from academic learning, leading the students to many new avenues of life. This help the students to emerge as a thoroughbred professional, eminently suited to contribute in his chosen career with an ever open mind for new thoughts and ideas in industrial and technological advancements. It proudly boasts that its students equipped with such capabilities will emerge as valuable contributory assets to the development of organisations they serve as well as to the nation.

Value Added Programmes like *Raspberry Pi*, *PCB Designing and PIC Microcontroller*, *PLC Programming and Hardware Implementation*, *Oracle Workforce*

Development, PROE, MASTERCAM & ANSYS, AUTOCAD, Revit Architecture, STAAD Pro, Embedded System - MSP430, SCADA & HMI, CATIA, Primavera; Guest Lectures on Modern Construction Materials, Advances in Water and Waste Water Treatment, Practical Aspects of Building Construction, Acquiring Communication Proficiency to become better Engineers, Modern Building Practices and Rules, Quantity Surveying, How to learn Programming?, Higher Studies in USA, Electrical Energy Generation Utilization and Conservation, Flexible Alternating Current Transmission System, Power Quality and Power System Operation and Control, Industry Focus, Power System Transients, Control Engineering, Embedded Real Time System & IOT, Basic Electrical and Electronics Engineering, Recent Trends in Industries and its Opportunities, Transmission and Distribution, Communication Engineering, Wireless Sensor Networks, EEGUC, Wire Cut Electric Discharge Machining, Industrial Gear Design, Recent Trends in Automation Industry, Management Principles in Industry, Seminars on Studying Abroad, Google Apps for Education, CISCO Networks and IOE, Workshop on E Box Training, Growing Strategy in Industrial Automation, PLA Training and Hardware Implementation, Raspberry pi, PLC Programming, Robotics, Oracle Orientation, Awareness Programme on Emotional Intelligence, Training Programme on Introduction to Embedded Systems, MATLAB Programming, Oracle, E-Box, Ti Webench Designer Tool Contest, FDTP Discrete Time Systems & Signal Processing, MSP430 & ARM CORTEX@M4, PCB Designing, Language Enrichment Programme, Defence Orientation Programme, GUVI Training Programme, IXEL Training Programme, etc. have been arranged in this academic year.

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.

Blood Donation Camp in association with Shanthi Social Services, seven day NSS Camp, Awareness Programme on Organ Donation, Voters Awareness Rally, Tree Sampling Plantation, Dengue Fever Awareness Programme, Road Safety Awareness Programme, AIDS/ HIV Awareness Programme, etc. have been organised by the NSS unit of the college. Rotaract Club organised Seminar on *Organ Donation Awareness*, Dengue Awareness Rally; Women Empowerment Cell organised seminars *Women in Engineering*, *Entrepreneurship for women*, Workshop on *Self Defence Training Programme*, Awareness Programme on *Health Issues of Women*, special campaign on Child Right, etc, were conducted for students.

The institution is actively doing its part for the welfare of its students. Sure it would continue its progressive measures throughout its journey.

 29/2/16

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