COMPUTER SCIENCE & ENGINEERING

# B.E. COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering was started in the year 1997 with an intake of 60 students. Student intake has increased gradually from 60 to 300 between 1997 and 2015. The Department had started Post Graduate (ME. CSE) programme in the year 2004 with an intake of 18 students. The Department has also been accredited by National Board of Accreditation (NBA) and Re-Accredited in 2014. The Department has been recognized for permanent Affiliation and as a Research Centre by Anna University in 2006, through which the Department offers high quality research programs at Doctoral level. Taking into consideration the latest developments in the discipline, the course content delivery is carefully devised and updated every year through Faculty Preparation Programme. The Department arranges periodic guest lectures, and field visists to strengthen the teaching of the subjects and to expose the students to the actual work situations. The faculty members participate in the refresher and training courses to update their knowledge and teaching techniques. The faculty by being active members of professional bodies like CSI, IEEE, IET, ISTE etc., update their knowledge through workshops, seminars and symposia organized under the aegis of professional bodies. This has strengthened both the teaching and research activities of the Department.

# M.E. COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering started its Postgraduate Program in Computer Science and Engineering in the year 2004. The program is designed to enhance the skills in depth and breadth from their undergraduate studies. It mainly focuses on strong foundational concepts and also advanced techniques and tools in order to build solutions or systems of varying complexity. The course helps to design software engineering principles and practices for developing quality software for scientific and business applications. The students are guided with emerging information and communication technologies (ICT) to innovate ideas and solutions to existing/novel problems.

# M.S. (By Research) and Ph.D. Programmes

The Department of Computer Science and Engineering at Rajalakshmi Engineering College has been recognized as one of the approved research centres of Anna University, Chennai. Research scholars can register for M.S. (By Research) and Ph.D. programmes. There is a provision to pursue research under both full time and part time modes and faculty members working in any one of the colleges affiliated to the University are normally eligible under the part time mode. At present there are four recognized supervisors and 18 research scholars are pursuing their Ph.D. and M.S. programmes in the department. The areas in which the scholars are working now include Cloud Computing, Machine Learning, Data Mining, Networks, Web Services, Peer – Peer Networking, Big Data Analytics, High Performance Computing and so on.

# STUDENTS' ACHIEVEMENTS

01. Chahat Agarwal, Tharun, Vicknesh, Yaseen, Kaviarasu and Janar Priyanka of Third year won first place and got cash award of Rs. One lakh for Smart India Hackathon 2017 under ISRO conducted by AICTE

02. Bharadwaj.S, Final year, CSE has been awarded as Highest Committed Student Branch Activist award by Computer Society of India at CSI National Convention, Coimbatore on 25-Jan-2017.

03. Aasish V.Anand, Final year, CSE won First place in Cyber Security Hackathon conducted by the US Consulate and LLF in association with VIT.

04. Aasish V.Anand and Om Prakash, Final year, CSE won First place in CII-Connect Hackathon for Smart Traffic Signals project.

05. Aasish V.Anand and Omprakash, Final year, CSE won ISSRD Best Project in State level category by International Society for Scientific Research and development

06. Aasish V.Anand and Om Prakash, Final year, CSE received Dr. APJ Abdul Kalam Young Achiever Award by World Youth Federation for his project on Smart Signals.

07. Om Prakash, Final year, CSE won Third place at Infosys Hackathon for Automated Parking System and was nominated for Worldskills India 2017.

08. Bharatwaaj.S, Final year, CSE was awarded TCS best student award 2017.

09. Chahat Agarwal, Gajapathi and Aswin Padmanabhan, Third Year, CSE received Dr. APJ Abdul Kalam Young Achiever Award by World Youth Federation for Air Pollution control system project.

10. Chahat Agarwal and Vignesh Selvamani, Third Year, CSE got First place in Best'16 State Level Quiz Competition conducted by Bharat Electronics Limited.

11. Koushik Raghavan, Sudhegan and Hemaant, Second Year, CSE won first place in Kaizen Robotics competition conducted by Lema Labs.

12. R.Pavithra of Final CSE won the Badminton Tournament conducted by Singapore Badminton Association.

13. Koushik Rahavan, Jayaarun and Hemaant.C of Second Year won consolation prize in IOT Makethon conducted by VIT University.

14. Raghuveer Mahesh, and A.Rahul of Second CSE won third place in IEEE Regional level ICT quiz competition.

15. Yatheendra Praveen K M and Sidharth of Third Year got Second place and a cash award of Rs. 50,000 for project competition conducted by Bannari Amman Institute of Technology.

16. Meenatchi KV and Poornima . T of third year won IoT Innovation Challenge 2017 conducted by Sairam Instutite of Technology

17. C.R.Subramaniam and Varun Dwarkani of second year won First Place in technical Quiz conducted by Agni college of Technology

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