# K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY TIRUCHENGODE - 637 215

## ANNUAL REPORT 2019-2020

K S R Institute for Engineering and Technology was erected in the year 2011 by the man of great insight, Thiru. R. Srinivasan, the younger son of Lion Dr. K.S. Rangasamy as the third engineering college. The institute offers five under graduate programmes:

- 1. B.E. Mechanical Engineering
- 2. B.E. Electronics and Communication Engineering
- 3. B.E. Computer Science and Engineering
- 4. B.E. Electrical and Electronics Engineering and
- 5. B.Tech. Information Technology

and four post graduate programmes:

- 1. M.E. Computer Science & Engineering
- 2. M.E. Embedded Systems Technology
- 3. M.E. CAD/CAM and
- 4. M.E. Software Engineering

Totally 1046 students are educated in our institute at present.

# Faculty:

The institute has qualified and experienced faculty members. All the departments are spearheaded by well experienced faculty members. The institute functions with 99 teaching and 29 non-teaching faculty members. The faculty student ratio is 1:11.

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## Achievements in the University Examinations:

The teaching faculty, whose untiresome effort towards the focused vision accomplished the mission, is the primitive stage. The institute has been crowned in Anna University results. The dynamic and eagerness towards learning with creativity under the guidelines of the faculty mould the students themselves to reach great heights in academic performance.

#### **Odd Semester Results:**

In the Department of CSE, 201 students appeared and 146 students have passed. The department has got 72.63 pass percentage. The Department of EEE has given 66.22 pass percentage. Out of 148 students appeared for the exam, 98 have passed. The Department of ECE has given 63.45 percentage. Out of 238 students, 151 have passed. The Department of Mechanical Engineering has given 53.31 percentage. Out of 272 students, 145 have passed. The Department of IT has got 67.02 pass percentage. Out of 185 students appeared, 124 have passed. In M.E. CAD/CAM, 01 out of 01passed has passed. So, the pass percentage is 100. In M.E. CSE, 01 out of 01passed has passed. So, the pass percentage is 100. In M.E. EST, out of 02 students 02 have passed. Hence, the pass percentage is 100.

#### **Even Semester Results:**

In the Department of CSE, 182 students appeared and 107 students have passed. The department has got 58.79 pass percentage. The Department of EEE has given 76.22 pass percentage. Out of 185 students appeared for the exam, 141 have passed. The Department of ECE has given 63.67 percentage. Out of 278 students, 177 have passed. The Department of Mechanical

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Engineering has given 73.58 percentage. Out of 424 students, 3128 have passed. The Department of IT has got 65.83 pass percentage. Out of 161 students appeared, 106 have passed. In M.E. CAD/CAM, 01 out of 01passed has passed. So, the pass percentage is 100. In M.E. CSE, 02 out of 02 passed have passed. So, the pass percentage is 100. In M.E. SE, 02 out of 02 have passed passed. So, the pass percentage is 100. In M.E. EST, 03 out of 3 have passed. So, the pass percentage is 100.

## **Training and Placement Activities:**

In the continuation of rigorous training, KSRIET has an admirable record of placement for 2020 batch of graduates. The Central Placement Cell of K.S.R. Institutions brought many companies to the campus for Recruitment Drives in which our students proved that the training programmes gave them fruitful results as they have been selected by various well-known companies.

To make the students placement ready, 185 days of training have been given. The training includes 36 days of Aptitude & Reasoning Skill, 08 days of Communication Skills, 29 days of Soft Skills and 112 days of Technical Skills.

Out of 327 final year UG and PG students, 175 students have been placed in various reputed organizations. Out of 48 students in CSE department, 28 got placed. Out of 49 students, 30 have been placed in EEE department. 51 students out of 81 students have been placed in ECE department. 45 students out of 106 students have been placed in Mechanical department. 21 students out of 40 have been placed in IT department.

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## Awards, Recognitions & Achievemets:

Our faculty members have published 32 research papers in various journals. 107 of our faculty members have presented papers in conferences. Our faculty members have received grants for Rs. 21,33,700/-. 390 faculty members have attended various training programmes. 19 have completed online courses. 07 have published books and 13 patents have been applied.

- Dr. B. Kalaavathi, CSE was awarded Gold Certification in Internet of Things
- 2. Dr. B. Kalaavathi, CSE was awarded Elite Certification Wireless and Ad Hoc Sensor Networks
- 3. Hari Hara Sudhan R, of IV ECE was awarded with "ISTE Chapter Best Student Award" in 2019.
- 4. J. Ruban Prasad and his team, of IV ECE won Second Prize in National Dirt Karting Championship 2019.
- 5. One student Team from ECE was shortlisted for the Semi-final Round in Smart India Hackathon 2020.
- 6. Kamalahasan G, EEE got I Prize (Innovation) for National Dirt Kart Championship organized by Sri Venkateswara College of Engineering – Chennai.
- 7. Vinoth Kumar R, EEE got I Prize (Innovation) for National Dirt Kart Championship organized by Sri Venkateswara College of Engineering Chennai.
- 8. Asha R, EEE got III rd Prize (Busineess Plan) for National Dirt Kart Championship organized by Sri Venkateswara College of Engineering Chennai.
- 9. Mr. A. Mohanraj AP/MECH. Best faculty award by SAMP
- 10. Best design award for project by SAMP
- 11. Our college team GO Kart Best Innovation Award

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- 12. Ms. B. Latha, ECE achieved 2% Topper in the NPTEL Online Course "DIGITAL IMAGE PROCESSING", during JULY-OCT 2019.
- 13. Vivek V, Sibin S, Merlin Infanta S, Preetha E, Kaviya M, Kavinkumar, EEE students got shortlisted for Grand Finale of "SMART INDIA HACKATHON 2020" organized by MHRD'S Institution's Innovation Council (IIC) and AICTE.
- 14. Manojkumar V, Praksh S P, Merlin Infanta S, Saranya P, EEE students received GRANT from TNSCST under "Students Project Scheme".
- 15. Dr. P. Meenakshi Devi, IT has been honoured with Best Women Faculty Award from Nature Science Foundation.
- 16. Thusmeena K R, IT was selected in Top 20 in Question Contest Govt. of India
- 17. M. Arulmozhi, S. Nandhini IV-IT won first Prize and Muthumahesh K, Vignesh R won second prize in Paper Presentation at Knowledge Institute of Technology.
- 18. Ms. K.G. Lavanya, IT has been certified by Red Hat as System Administration Trainer.
- 19. The project "Smart Farm Monitoring System", IT has been selected by AICTE Vishwakarma Awards for regional convention.
- 20. All UG programmes got NBA accreditation for 3 years from 2019 2022
- 21. Our institute has got eligible scores in NBA Accreditation to become autonomous institution.
- 22. MoU was signed with ABC Infomedia, United CADD solution, United India Manufacturing and SMW hydraulics.
- 23. NCC unit started
- 24. KSRIET is recognized as one of the Partner Institute for Unnat Bharath Abhiyaan 2.0 (UBA) a flagship programme initiated by

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MHRD, New Delhi.

25. MoU has been signed and established Centre of Excellence on Cyber Security

#### **Extra-Curricular Activities:**

It's my pleasure to state that our students have proved their skills not only in academics but also in extra-curricular activities. Totally, 143 students have participated in sports and 125 students in NSS, NCC and Social Activities.

## Programmes Organized and Participated:

The college has organized 13 Industrial Visits, 02 FDPs, 19 Workshops, 59 Seminars, 20 Value Added Courses, 43 Alumni Interaction Programmes and 49 Faculty Development Programmes for the skill development of Faculty members and students. 76 of our faculty members have participated in many programmes such as FDP, seminars, workshops and conferences. 51 of our faculty members were provided the financial support by the management to participate in FDP, seminars, workshops and conferences held in various institutions and organizations.

#### Achievement of our Students in Various Activities:

Our students have actively participated in the national and state level cocurricular events and presented 112 papers in Symposiums. 208 papers have been published in Conferences and Journals. 76 students have attended workshops and 179 students have attended Seminars. 96 students have undergone inplant trainings and 34 students have gone to Project Internships in the companies in and around Chennai and Bengaluru. 959 students have attended Value Added Courses and 244 students have participated in Project Contests. 06 have undergone Online Courses.

IQAC CO-ORDINATOR

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