K.Ramakrishnan College of Engineering (Autonomous)
Samayapuram, Trichy

<u>7.3 Institutional Distinctiveness</u>

2020-2021

- KRCE has recognized with QS I-GAUGE E- LEAD certification.

- KRCE has become ARIIA Ranked institution with Band B Category (26 -50)

- The college was awarded with "Best Green and Clean Enviro Campus – 2020 Award" by Youth Exnora International on 26th February 2021.

- The college has received Appreciation award for IEEE student branch based on the activities conducted in the year 2020 and also received IEEE MAS Best Student Branch Award-2020 from IEEE Madras Section.

- Dr.K.Dhayalini, Professor & Head, Department of EEE received IEEE MAS Best Branch Counselor Award-2020 from IEEE Madras Section.

- Mrs.M.Thamarai Selvi has been recognized by IGEN as one of the Star Performers for completion of 99 Day activities in view of SDG Goal 13.

- Dr.K.Dhayalini, Professor & Head, Department of EEE received ISTE PERIYAR BEST TEACHER AWARD 2020 from ISTE Tamilnadu Section and IGEN Women Achiever Award 2021.

- Dr.T.M.Nithya, AP & Head, Department of CSE recognized as "Situational Leader" in Working Women Achiever Awards 2021 from Ooruni Foundation.

- Dr.K.Dhayalini Professor & Head, Department of EEE received Kamarajar Kalvichemmal Award from Pasumai Vassal Foundation and Asiriyar Rathna Award (ஆசிரியர் ரத்னா விருது) from Aram Anbin Adayalam Trust in 2021.

- The college has filed 74 Indian patents in which 62 patents have been published and 8 patents are granted. Besides that, 13 International patents also filed in which 9 patents have been published and 9 have been granted.

- The college has a total of 460 Articles and 22 h index in Scopus.

- The college has published 111 papers in 2021, 188 in 2020 and 75 papers in 2019 in Scopus Indexed Journals and in SCI

- The total citation of the college is 980 for the year 2021 as on date, 982 in 2020 and 111 in 2019.
- KRCE has 33 faculty members with Ph.D and 44 Faculty members are pursuing Ph.D. and 45 research scholars are being guided by the research supervisors of our institution.
- Dr. T.M.Nithya received a grant of Rs.11 lakhs from Microsoft AI earth in May 2021.
- Dr.S.Manikandan, Prof & Head, Dept. of IT has received an Academic Hardware Grant of Rs.2.5 Lakhs from NVIDIA.
- Dr.M.Maheshwari, prof. & Head, Dept. of ECE has received a grant of Rs.5,40,925 from AICTE for conducting FDP on Design Challenges and Machine Learning Techniques in Cyber Physical Systems.
- The Department of Mechanical Engineering received the grant amount of Rs. 18,51,765 from AICTE MODROB for setting up AR/VR laboratory.
- Department of ECE has received MODROB fund of Rs.10.7 Lakhs from AICTE to set up VLSI Lab at the college.
- The college received Certificate of Recognition along with the cash award of Rs. 29,250 from IEEE Madras Section for successful completion of IEEE Student Branch activities.
- Department of EEE received an Achievement Operating Fund of Rs. 39,135 from IEEE Madras Section for IEEE Student Branch.
- Dr.K.Dhayalini, Professor & Head, Department of EEE received fund of Rs.93,000 for conducting AICTE sponsored ATAL Faculty Development Programme on Robotics and Industrial Automation.
- Department of Mechanical Engineering received a grant of Rs.93,000 from AICTE for conducting ATAL Faculty Development Programme on Applications of Artificial Intelligence in Mechanical Engineering from 02.08.2021 – 06.08.2021.
- Dr.C.Jeyalakshmi, Prof. Dept. of ECE has received a grant of Rs. 93,000 from AICTE –ISTE sponsored Induction / Refresher Programme on Block Chain Technologies.
- Dr.K.Priyadarshini, Prof, Dept. of ECE received a grant of Rs. 30,000 from NAAC, Bangalore to organize a National Level Workshop On Revised Online Assessment & Amp; Accreditation For IIQA, Metrics For SSR Preparation With Effective DVV Process.

- Dr.C.Jeyalakshmi Conducted a 10 day Online FDP Programme on Recent Trends in Wireless Communication Technologies from 05.08.2021 – 14.08.2021 in association with E & ICT Academy, NIT Warangal Sponsored by MeitY, GOI.

- Department of Chemistry organized a 2 week Cycle Rally – a Mega velocipede Climate Action Awareness Rally from 26.12.2020 to 08.01.2021.

- Ms.M.Thamaraiselvi, AP & Head, Dept. of Chemistry participated a 99 day programme in view of IGEN – SDG – 13 Climate Action – Reduce Global Warming from 15.10.2020 to 21.01.2021. The 99th day was successfully completed with a mega tree plantation at the college campus.

- Ms.M.Thamaraiselvi, AP and Head, Department of chemistry organized a 100 day programme in view of "Alliance of Sustainable Green Pavement Projects Awareness and Implementation [V-1]" from 27.07.2021 to 03.11.2021.

- Ms.L.Amutha, AP, Dept. of CSE was selected as evaluator for Toycathon by MHRD in the year 2021.

- The project "Plant Monitor" by Mr.R.Raja, AP, Dept. of Chemistry has been recognized by IGEN and published the same in IGEN Green Diary.

- Department of Chemistry has signed MOU with Youth Exnora International for two years on 31.03.2021. Besides that the college has signed MoU also with Juniper Networks, USA, VEI Technologies Pvt. Ltd, Providence College for Women, Kunoor, UPGRAD Company and NSE.

- Department of CSE has inaugurated an Incubation Centre recently through OIC Apps Pvt. Ltd., at our campus. 7 students got internship with stipend and 5 students are doing projects after getting offer with salary out of it.

- Mr.A. Subramaniya Siva AP, Dept. of EEE Published an Australian Patent in June 2021.

- Dr. S. Titus and Mr. R. Gopalakrishnan AP, Dept. of EEE have been elevated as IEEE Senior Member by IEEE Geographic Society, USA.

- Dr.K.Dhayalini, Professor & Head Department of EEE has been selected as IEEE Brand Ambassador for the year 2021.

- Dr.K.Dhayalini, Professor & Head Department of EEE was selected as IEEE PES Day 2021 Ambassador in the WIE and WIP category from Madras section.
- Dr.M.Venkatachalapathy, Prof, Dept. of Maths acted as a reviewer for Soft Computing – SCI Journal and a Web of Science Journal.
- The college received the cash award of Rs. 5000/- for Best IEEE student branch from Madras section.
- Dr.K.Dhayalini, Professor & Head Department of EEE received project completion certificate from Institution of Green Engineers for creating awareness among the community on Sustainable Development Goal -7 Affordable and Clean Energy for 99 days from 15.10.2020 to 21.01.2021.
- The project on "Implementation of Energy saving and energy audit" by Dr. K. Dhayalini, Professor & Head, Department of EEE was indexed in THE INSTITUTION OF GREEN ENGINEERS (IGEN) GREEN DIARY 2021.
- Dr.K.Dhayalini, Professor & Head, Department of EEE received Certificate of Appreciation from The Institution of Green Engineers during November 2021 for IGEN GREEN DAY 2021.
- Dr.K.Dhayalini, Professor & Head, Department of EEE Received Certificate of Appreciation for her notable service as Technical Reviewer for IEEE Madras Section International Conference 2021 (MASCON 2021) during August 2021
- Dr.S.Manikandan & Ms.R.Gayana have been awarded for demonstrating Competence in the completion of Getting Started with AI on Jeston Nano organized by NVIDIA Deep Learning Institute.

Placement Achievements

- 306 students have placed with 465 offers in the academic year 2019 – 2020.

- 518 students have placed in the academic year 2020 – 2021.

Students' Achievements

- Mr.K.Vigneshvaran of III year EEE has achieved online world record for creating Largest Magic Triangle in the order 10,001.
- Mr.K.Vigneshvaran of III year EEE has completed the Guinness World Record on Largest FIBONACCI SPIRAL. His attempt has been accepted and he is awaiting for the award.
- Mr.K.Vishal and Ms.U.Amiruthavarshini of Department of EEE received ISTE BEST STUDENT AWARD 2020 from ISTE Tamilnadu Section.
- Students (Mr.Santhosh D, Mr.Sundhesun S, Mr.Susmitha S R and Mr.Venkatesh R) from III Year ECE received the Best Participation Award along with the cash prize of Rs.5,000 from IIPT – National Level Project Contest.
- The project titled "Garbage Monitoring System" by the students of Final year EEE (Ms.Jenifer A, Ms.Madhumitha D, Ms.Hemadharshini RJ and Ms. Madeshwari K) was short listed for Regional Convention of AICTE - Chhatra Vishwakarma Awards 2020.
- A student from III year CSE got selected for final round in the All India Toycathon 2021 contest conducted by MHRD.
- Ms.B. Dhivya of IV year CSE achieved 2nd position in TCS XPLORE across the country.
- 4 students from ECE Department got selected for the final round of AICTE Viswakarma Award.

Students' Achievements in SAE Club

- The team SAE got 16th position in Cost Plan among 120 teams in an event EFFICYCLE Season – 10 SAE NIS held at Lovely Professional University, Punjab.
- The SAE team got 1st position in Written Test in the event SUVC SOUTH ZONE VIRTUALS held at K.Ramakrishnan College of Engineering, Trichy.
- The team SAE bagged overall championship trophy with the cash prize of Rs. 1 Lakh and also got first place in Cost plan with the cash prize of Rs.4,000/- in the event SUVC 2020 held at Hindustan College of Engineering, Coimbatore.
- The team also got All India Rank 2 in EFFICYCLE- Know Your Rulebook Challenge among 120 teams.

- The SAE Club of the College has participated in SAE EFFICYCLE 2020 – a virtual event and got 4th rank in Advanced Electric and stood 1st position in DVP & DFMEA with the cash award of Rs.5, 000.

Students Achievements in Sports & Fine Arts

- Women team of K.Ramakrishnan College of Engineering got runner up position in Badminton in Zonal Meet of Anna University Zone 14 at BIT Campus.
- Men team of K.Ramakrishnan College of Engineering got runner up position in Badminton in Zonal Meet of Anna University Zone 14 at TRP.
- Both Men Team and Women Team of KRCE got first position in Chess conducted in view of Anna University Zone – 14 Meet at TRP.
- Men Team of KRCE won the first position in Cricket conducted in view of Anna University Zone – 14 Meet at Saranathan.
- The College team won the first place in Hockey conducted in view of Anna University Zone – 14 Meet at KRGI.
- The team of students has won the third place in Kho – Kho conducted in view of Anna University Zone – 14 Meet at UCEA.
- The Volley ball team of the college won the third place in Volley Ball conducted in view of Anna University Zone – 14 Meet at KRGI.
- Mr.T.Kamalesh of III Year ECE got first position in Body Building - District Level Open Tournament held at Trichy
- Mr.B.S.Ganapathy Subramaniyan got first position in Silambam - State Level Open Tournament held at Karur.
- The team Anthara got 3rd Place in Eastern Dance in Dhruva'20 held at IIM, Trichy in Jan 2020.
- The College got overall championship (5th time consecutively) in a cultural meet held at Annai Group of Institutions, Kumbakonam in Feb 2020. (1st place in Tamilnadu Folk

Dance, Indian Folk Dance, Mime, Skit, Classical Dance Solo, 2nd place in western Dance and 3rd place in solo singing).

➢ The fine Arts Team of the college won the overall championship in a Management meet held at Saranathan College of Engineering, Trichy in March 2020. (1st in Corporate Walk, Best Manager, Business Presentation).