Higher education in India is undergoing a remarkable transformation. The University Grants Commission (UGC) has been emphasizing on outcome-based education, rather than the traditional exam-centric educational system which was followed in our country for centuries. In outcome-based education, the real learning outcomes of students are measured in an objective manner mainly to ensure that our higher education system is more accountable and quality-oriented.

Rajarajeswari College of Engineering attained the prestigious Autonomous status from **Visvesvarya Technological University, Belagavi** in 2024. RRCE has revamped the curriculum and implemented major changes in the curriculum delivery to a very large extent. Now, the emphasis is on comprehensive continuous learning rather than rote and exam oriented learning. This results in students spending more time in the laboratories than in the classrooms, submission of mini-projects for assessment has been made mandatory. This in turn helps the students in applying the theoretical concepts learnt by them.

We believe that the education received at our institutions, must translate into excellent career and job prospects for our students. At RRCE, we always work very closely with varied industries, to fulfill the job aspirations of our students. In addition to having an excellent placement department, we closely collaborate with varied industries at different levels. We encourage the industries in turn to play an active role as our partners in education.

The present focus of RRCE is to improve the laboratory infrastructure by bringing new industry relevant technology to enable higher level of learning in students, foster integrated learning by providing multiple industry relevant interfaces, enable students to take up industry relevant projects and encourage faculty to take up research by providing ability to add customer logic.

As a part of institutional social responsibilities, institutes should incubate technological startups by providing facilities such as office space, technology and lab support, infrastructure support, industry interface, exposure to the investor community, financial management support, legal support on Intellectual Property Rights and Patents, and other such assistance so that the start-ups can get guidance and mentoring during the

incubation to overcome the initial hurdles with ease in starting the business. These centers can bridge the gap between industries and educational institutions. Students collaborate with companies on campus for internships and projects and develop technological products which can have an impact on industry and society. Efforts are on to start an incubation center in the institute. GAT Incubation Center envisages to have tie-ups with industries/ alumni/ multinational companies/ institutes of repute through which the activities of incubation can be strengthened. The institute has already signed Memorandum of Understanding (MOU) with reputed industries and Prestigious institutions.

Finally, ever since we gained autonomy, we have ensured that a sizeable number of constructive changes have been made to the traditional curriculum in creating a word-class curriculum and a stimulating learning environment as well.

Educational Qualifications:

Completed B. Tech in Electronics and Communication Engineering, from Sri Venkateswara University,M. Tech in Computer and Communication Engineering from Bharath University and Ph. D in wireless Communications from University of Allahabad (Central University).

Having overall 26 years of experience in the Teaching, Research and Administration.

1. July,2015 to till date: Professor & Dean-Academics – Department of Electronics and Communication Engineering, RajaRajeswari College of Engineering, Bangalore.
2. June, 2012 – May, 2015: Professor & Head – Department of Electronics and Communication Engineering, Srinivasa Ramanujan Institute of Technology, Anantapur, Andhra Pradesh, India (03 Years)
3. July, 2005 – June, 2012: Associate Professor – Department of Electronics and Communication Engineering, TRR College of Engineering, Hyderabad, Andhra Pradesh (7 Years)

4. May, 2002 – July, 2003: Assistant Professor – Department of Electronics and Communication Engineering, Quba College of Engineering and Technology, Nellore, Andhra Pradesh (2 Years 3months)

5. Dec, 1996 – Apr, 2002: Lecturer, Department of Electronics and Communication Engineering, NBKR Institute of Science and Technology, Vidyanagar, Nellore, Andhra Pradesh (5 Years 5months)

No. of Ph. Ds Awarded under my guidance: 4 Nos and Pursuing: 4 Nos

No. of Patents Published: 4

Total no. of papers published: 50

1. International Journals: **27**
2. International Conferences: **17**
3. National Conferences: **06**

Member of a Professional Societies:

1. Institute of Electrical and Electronics Engineers (IEEE)
2. Fellow Member: Institution of Electronics and Telecommunication Engineers (FIETE)
3. Fellow Member: Institution of Engineers India (F-IE(I))
4. Life Member: Indian Society of Technical Education (M-ISTE)
5. Life Member: International Association of Engineers (MIAEngg)

INTERNATIONAL & NATIONAL CONFERENCES ORGANIZED

1. Convener, IETE Sponsored 5 th National Conference on VLSI, Communication and Signal Processing (NCVCS-2023) on 5th May 2023 organized by Department of Electronics and Communication Engineering, RajaRajeswari College of Engineering.

2. Convener, 1 st International Conference on Emerging Trends in Engineering, Management and Technology (ICETEMT-2022) on 21st and 22nd June, 2022 organized by Rajarajeswari College of Engineering, Bangalore.

3. Convener, National Conference on VLSI, Communication and Signal Processing (NCVCS-2021) on 18th August, 2021 organized by Dept. of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

4. Convener, 4th National Conference on VLSI, Communication and Signal Processing (NCVCS-2021) on 18th August, 2021 organized by Dept. of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

5. Convener, Online International Conference on Electronics and Signal Processing (ICESP-2020) on 20th June, 2020 organized by Dept. of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore

6. Convener, 3 rd National Conference on VLSI, Communication and Signal Processing (NCVCS-2019) on 14th May, 2019 organized by Dept. of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

7. Convener, 2 nd National Conference on VLSI, Communication and Signal Processing (NCVCS-2017) on 16th – 17th May, 2017 organized by Dept. of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

8. Convener, DRDO Sponsored International Conference on Emerging trends in Electrical, Communication and Information Technologies (ICECIT-2012) conducted by Srinivasa Ramanujan Institute of Technology, Anantapur, Andhra Pradesh, 21st – 22nd Dec, 2012.

FDPs / WORKSHOPS / SEMINARS / SYMPOSIUMS ORGANIZED

1. Organized a National Level Technical Symposium" El-ComX – 2024" on 5th January 2024 in the Department of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

2. Coordinator, organized a Five Day FDP on "Teaching Learning Process using ICT Tools" from 17th -21st November 2023.

3. Coordinator, Organized Two Weeks Online FDP on Applications of Artificial Intelligence in Wireless Communication and Sensor Networks on 04th – 14th May, 2022 in association with E&ICT Academy, National Institute of Technology, Warangal Sponsored by Ministry of Electronics and Information Technology, Govt. of India.

4. Organized a National Level Technical Symposium" El-ComX – 2022" on 2nd June 2022 in the Department of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

5. Organizing Secretary, Five Day Faculty Development Program (FDP) on "Recent Innovations in Medical Image Processing and Communication Engineering using MATLAB & NS2" held from 28th January – 1 st February, 2019.

6. Organized a National Level Technical Symposium" Electro Blitz – Season II" on 16th December 2019 in the Department of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

7. Organized a National Level Technical Symposium" Electro Blitz" on 22nd April 2018 in the Department of Electronics and Communication Engineering, Rajarajeswari College of Engineering, Bangalore.

8. Organizing Secretary, AICTE Sponsored One Week Hands-on workshop on "Advances in Communication Networks using Network Simulator-NS3" held on 11th – 16th December, 2017 in the Department of Electronics and Communication Engineering, at Rajarajeswari College of Engineering, Bangalore.

9. Convener, ISTE Sponsored National Level 10 days Faculty Development Programme on "Sustainable Research" conducted by Rajarajeswari College of Engineering, Bangalore on 18th -27th ,January, 2016.

10. Convener, IE(I) Sponsored National Level Two Day workshop on "Home Automation Applications using Ebedded Systems" conducted by Srinivasa Ramanujan Institute of Technology, Anantapur on 12th, April, 2014.

11. Convener, IEEE Sponsored National Level One-day workshop on "OCTAVE" conducted by Srinivasa Ramanujan Institute of Technology, Anantapur on 12th, April, 2014.

12. Convener, ISTE Sponsored National Level A Two Day workshop on "ASIC RTL Design using Verilog & FPGA Synthesis" conducted by Srinivasa Ramanujan Institute of Technology, Anantapur on 4th & 5th, April, 2014.

13. Convener, National Level Technical Symposium "IGNITRRON-11" conducted by TRR College of Engineering, Hyderabad.

14. Appointed as an Observer for EAMCET-09 of Prakasam Dist Zone.

15. Convener, National Level Technical Symposium "ElecTRRoniX-08" conducted by TRR College of Engineering, Hyderabad.

9.EDITORIAL BOARD MEMBER / REVIEWER / SESSON CHAIR

1. Session Chair, INSA Sponsored National Level Conference on "Applied Computational Intelligence-2023" on 21-12-2023 & 22-12-2023 Organized by JSS Academy of Technical Education, Bangalore.

2. Editorial Board Member and Reviewer for the International Conference on Emerging Trends in Engineering, Management and Technology (ICETEMT-2022) on 21st and 22nd June, 2022 organized by Rajarajeswari College of Engineering, Bangalore.

3. Editorial Board Member for the "International Journal of Wireless Communication and Sensor Networks" of Academic Research Publishing Group, UK

4. Reviewer for Institution of Engineering and Technology (IET) Journal

5. Reviewer for the Indian Journal of Science and Technology (Indjst.org).

6. Appointed as Reviewer for Electronics & Communication Engineering projects for Texas Instruments (TI) Analog and digital Contest 2011-12, 2012 – 13, 2013-14, 2018-19.

7. Reviewer for the TEQIP II sponsored International Conference on "Advances in Computational Intelligence in Communication – 2016" held at Pondicherry Engineering College, Puducherry on 19th & 20th October, 2016.

8. Reviewer for the International Conference on Power, Circuit and Information Technologies (ICPCIT-2016)

9. Acting as session chair for the 2 nd International Conference on Power, Circuit and Information Technologies(ICPCIT-2016) held on 20th -21st May, 2016

10. Acting as session chair for the International Conference on Innovations in computing and Networking (ICICN-2016) held on 12th -13st May, 2016.

11. ensure that our higher education system is more accountable and quality-oriented.