



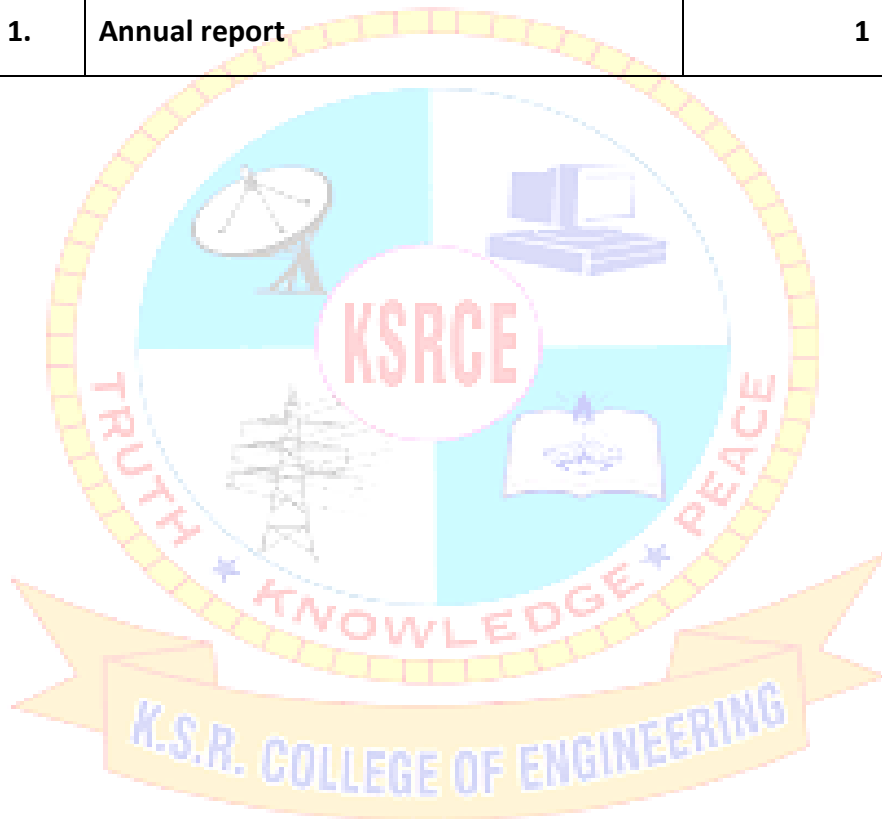
K.S.R. COLLEGE OF ENGINEERING

(An Autonomous Institution)
Tiruchengode, Tamil Nadu – 637 215.

6 GOVERNANCE AND STRUCTURE

Annual report of Institution

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K.S.R.COLLEGE OF ENGINEERING (Autonomous)

TIRUCHENGODE - 637 215

ANNUAL REPORT (2022-2023)

K.S.R. College of Engineering (KSRCE) is located at Thokkavadi, Tiruchengode, Namakkal District, Tamil Nadu. The Institution was established in the year 2001 by Theivathiru Lion Dr. K.S. Rangasamy, Founder Chairman and his son Shri. R. Srinivasan, Chairman cum Managing Trustee. It is a self financing Engineering College spread over 29.8 acres lush green sprawling campus. KSRCE has been conferred Autonomous Status by UGC in the year 2012, approved by All India Council for Technical Education (AICTE) and affiliated to Anna University, Chennai. The Institution is recognized under section 2(f) and 12(B) status by UGC. Presently, two Under Graduate Programmes namely, Electronics and Communication Engineering and Computer Science Engineering were accredited by National Board of Accreditation under Tier - I, SAR are submitted to NBA accreditation for courses - B.E. - Mechanical Engineering, B.E. - Electrical and Electronics Engineering, B.E. - Automobile Engineering and MBA. KSRCE has been accredited by the National Assessment and Accreditation Council (NAAC) with 'A-Grade' with effect from 08th June 2017. The Institution is participating in National Institute Ranking Framework and listed in the band width of 151-200 in (NIRF-2017). KSRCE has signed Memorandum of Understanding (MoU's) with various Premier Industries and Higher Educational Institutions.

The Institution has completed 21 years, and offers 8 Under Graduate Programmes namely, B.E.(Automobile Engineering), B.E.(Civil Engineering), B.E.(Computer Science and Engineering), B.E.(Electrical and Electronics Engineering), B.E.(Electronics and Communication Engineering), B.Tech.(Information Technology), B.E.(Mechanical Engineering) & B.E.(Safety and Fire Engineering) and 9 Post Graduate Programmes, namely, M.E.(Structural Engineering), M.E.(Construction Engineering and Management), M.E.(Computer Science and Engineering), M.E.(Power Electronics and Drives), M.E.(Communication Systems), M.E.(Industrial Safety and Engineering), M.Tech.(Information Technology), Master of Business Administration and Master of Computer Applications.

Anna University has granted Permanent Affiliation to 8 Under Graduate Programmes and 9 Post Graduate Programmes. Seven departments are recognized as approved Research Center and 29 members of faculty are approved as Research Supervisors by Anna University.

The academic achievements of the Institution includes publications in Indexed Journals UGC (445), SCI (210), Scopus (304), Scopus h-index (32), Scopus citations (784) and Google Scholar citations is 4616 and Google h-index is 30. Total number of 31 programmes were organized on workshops/seminars, IPR, Entrepreneurship, skill development programmes. KSRCE Students are honored with Gold Medals for getting ranks in the University exams, Intellectual Property Rights (IPR) Awards from Anna University, Platinum rating in AICTE – CII (Confederation of Indian Industry) survey and Edu Icon Award. All the Departments are adhering to research culture, so far 22 patents are filed of which 13 patents are granted, total research projects completed are 8 and the total grants received from the various government funding agents is Rs. 34.35 lakhs.

The Institution adopts and implements the National Education Policy (NEP - 2020), Outcome Based Education (OBE) and Choice Based Credit System (CBCS). As a part of academic enhancement, the faculty and the students are taking NPTEL Courses under MHRD.

IQAC conducts regular internal and external financial and academic audits. IQAC formulates activities for enriching faculty in the key areas of teaching, assessment, research, professionalism, and administration.

Infrastructure and Learning Resources

KSRCE has 5 academic blocks with a built up area of 42,146 sq.m It has adequate infrastructural facilities in terms of class rooms (60), well equipped laboratories (65), Digital library, Smart class rooms (7), and conference halls (10) to conduct all kinds of academic activities.

The institution has “Institutions" Innovation Council (IIC)” supported by Ministry of Education to promote innovation, start ups and entrepreneurship ecosystem. Centers of excellence and industry supported laboratories are set up for advance learning. The Campus Training and Placement Cell impart soft skills and Technical Training to facilitate placements. Separate hostels are available for boys and girls with a occupancy capacity of 620 and 180 respectively.

The library is located with an area of 1215 sq.m and the digital library has an area of 118 sq.m. Sufficient numbers of systems are provided in the digital library section with internet facility to access the e-resources. The institution provides computing facilities in all departments. There are 1205 number of systems and 5 servers. Firewall is provided to achieve campus network security. In addition all faculty are provided systems with internet connectivity.

Research Activities

KSRCE takes measures and puts in all efforts to make research, innovation and extension as an integral part of the institution. Quality of education depends on sharing of knowledge gained through research and innovations. The institution has formulated well defined research policy and implemented, through the Research Advisory Committee (RAC).

The institution motivates faculty and students to carry out research in their desired field of interest as well as the frontier areas of technology. A notable number of faculties are pursuing PhDs. A special PhD allowances are granted on completion of Ph.D.

Faculty is continuously encouraged to submit Research Project proposals to various funding agencies and industries. Financial supports are given to prepare the proposals and presentations. Faculty is empowered to write project proposals by way of organizing workshops. The institution has signed MoU with industries for Research projects.

Presently, the achievements of the institutions in Research are,

- 5.85 lakhs amount of seed money provided by Institution to the faculty
- 32 faculty are recognized as research supervisors in various departments
- 18 awards and recognition received for extension activities
- 8 functional MoUs are signed with Institutions.
- 30 outreach programs were conducted by the Institution.

The Library subscribes to 595 prints and 7 e-packages of online National and International Journals & Magazines. During this academic year, Rs.19 lakhs has been invested for the Library. The total number of volume of books in the library is 86,932 and about 37,290 titles are available. Internet facilities are provided to all faculty and students with a bandwidth of 280 Mbps on 1:1 connectivity basis.

Awards and Recognitions

K.S.R College of Engineering have the following Credentials:

- Honored CSR-GHRDC Survey 2021 - 9th Outstanding Engineering College of Excellence on 2021-2022.
- Received Times Survey 2021 - 21st Place (Engineering Institutions in Tamil Nadu) on 2021-2022
- Accredited by the National Board of Accreditation and certified for ISO 9001: 2008 standards.
- Certificate of Excellence by MHW Ranking 2022

Faculty Contributions

All the faculty members of this Institution are involved in Faculty contribution activities such as Patents, Publications in Journals & Conferences, Funded Projects, Consultancy activities and Faculty Development Programmes. The number of patents filed so far is 22 and 13 patent has been granted and others are in pipe line of granting patents. Faculty members published 89 research papers in Scopus Indexed International and National Journals. All our Senior Faculties are acting as a chair person in the National and International seminars, Conferences and Examiners in Ph.D. Programmes.

Placement

A total of 341 offers from 100 companies have been triumphed by the students for the academic year 2022-2023. Highest Salary package 5.04 per Annum. students got placed in various companies like Coding Mart, Byju's Learning App, Health plix Solutions, Vuram, Altimetrick, Cratosys, Wipro Technologies, Go Speedy GO, Silicon House, Think N Solutions, IVY Mobility, L&T Constructions, Accenture, Augusta Hitech, Cognizant Tech service, Infosys, Cap Gemini, Grootan Technologies, Hexaware Technologies Amphisoft, Aspire system Flow serve, TNQ Technologies Private Limited, Triemp Technology, Vee Technologies, and etc.,

Health and Hygiene

College has a very special concern for the health and hygiene of the college students and faculty . Proper arrangement of drinking water is available everywhere in the college (R.O. purified drinking water). The first aid room is also there for the treatment of sick. The institution has a tie up with the Our Dental hospitals in emergency needs .Ambulance service is available for 24×7 inside the college premises

General Facilities

Gymnasium facility and Yoga and Meditation Centers are available. The entire college has equipped with 760 (380*2) KVA capacity of power generator. Facilities like Post Office and Bank with ATMs including a CDM are available

Sports Achievements

Year	Name of the award/ medal	Team / Individual	Inter-university / state / National/ International	Name of the event	Name of the student
2022-23	Third	Team	Inter-College	Kabaddi	G.Sujith
2022-23	Third	Team	Inter-College	Kabaddi	T.Sangeeth kumar
2022-23	Third	Team	Inter-College	Kabaddi	S.Saranraj
2022-23	Third	Team	Inter-College	Kabaddi	T.Jawaharnath
2022-23	Third	Team	Inter-College	Kabaddi	P.Sanjaykumaran
2022-23	Third	Team	Inter-College	Kabaddi	S.Vikram
2022-23	Third	Team	Inter-College	Kabaddi	P.Gobinath
2022-23	Third	Team	Inter-College	Kabaddi	V.Marish
2022-23	Third	Team	Inter-College	Kabaddi	B.Sibiraj
2022-23	Third	Team	Inter-College	Kabaddi	S.KarthickRaja
2022-23	First	Individual	International online Contest	Dance	S.Ruthrapakash

National Cadet Corps (NCC)

The NCC strives to provide the youth of the country opportunities for all round development with a sense of commitment, dedication, self-discipline and moral values, and can take their appropriate place in all walks of life in the service of the nation. The NCC of KSRCE has several achievements to its credit and has maintained all records in the academic year 2022-2023.

- 40 NCC parades were conducted as per the training schedule for this academic year and the cadets are given effective training in both drill and technical subjects
- Our cadets attended many camps at the National / Regional level and won laurels for the college. The cadets also performed various social service activities to create an awareness among the public
- 04 NCC cadets attended the National Integration Camp, held at Jhansi from 10.10.2022 to 19.10.2022. This camp makes the cadets mutually exchanged the culture and traditions of their respective states to Uttar Pradesh & Tamilnadu.
- On third June 2022, the NCC cadets celebrated the International Bicycle Day. Col.MP.Singh, flag off the Bicycle awareness rally and insist the cadets to ride bicycle regularly to improve the health and stamina, and created awareness on global warming.
- NCC cadets actively participated in the tree plantation drive held at KSR campus and planted nearly 50 tree sapling on 15.08.2022
- The 75th Independence day & Republic day was celebrated by our NCC cadets at our college premises.
- Kisore Anand of third year B.Tech IT, participated in the 75th Independence Day celebration held at district collectorate and Mrs. Shreya P Singh IAS appreciated the cadets with a memento and certificates.
- The central government awareness program called PUNEET SAGAR ABHIYAN - Cleaning program was organized along the rivers banks of Cauvery, Pallipalayam. The cadets removed nearly 250 kgs of Plastic materials and glass bottles for the clean environment and save nature
- The Seventh International Yoga Day was observed at KSR College of Engineering on 21 June 2022.
- To commemorate 75 years of raising of NCC in India, 05 NCC cadets of KSRCE participated in the Unity Flame Run at Krishnagiri on 01 Dec 2022.

National Service Scheme (N.S.S.)

- NSS has organized an Clean India Camp 2.0 on 30-10-2022
- NSS unit has organized a National unity day pledge on 31-10-2022
- NSS has conducted yoga awareness programme on Mental and health development for all the First Year Students on 8-11-2022
- NSS has organized Blood Donation camp association with Government hospital Blood bank, Erode on 22-11-2022. About 70 units of blood were donated to the Government hospital Blood bank, Erode for the well-being of the needy pupil
- NSS regularly conducting an tree plantation drive on every month. Nearly about 100 Trees Saplings were planted during this academic year in and around the campus

Yoga

Yoga classes are regularly conducted by the college. The Meditation Centre coordinator organized the meditation classes, apart from the regular classes for improving physical and mental health of students and faculty member.

Cultural Activities

Cultural events are organized in college to bring out the students hidden talents in them. The college has functioning a separate cultural clubs very effectively and it provides a platform for the students to exhibit their cultural talents.

Institutional Development Goals of KSRCE

1. Academic Excellence:

- Improve academic programs to meet industry standards and emerging technological trends.
- Enhance curriculum to incorporate interdisciplinary studies, practical applications, and hands-on learning experiences.
- Implement outcome-based education to ensure students acquire relevant skills and knowledge.

2. Research and Innovation:

- Foster a culture of research and innovation among faculty and students.
- Increase research output through grants, collaborations, and partnerships with industry and other institutions.
- Establish research centers and laboratories focusing on cutting-edge technologies and solutions.

3. Faculty Development:

- Provide opportunities for professional development and continuous learning for faculty members.
- Support faculty research endeavors through grants, sabbaticals, and access to resources.
- Recognize and reward excellence in teaching, research, and service.

4. Student Success:

- Enhance student support services such as academic advising, career counseling, and mentoring.
- Implement initiatives to improve student retention, graduation rates, and post-graduation placement.
- Promote entrepreneurship and innovation among students through incubation programs and startup support.

5. Infrastructure and Facilities:

- Upgrade and maintain state-of-the-art laboratories, workshops, and infrastructure to support teaching and research activities.
- Invest in modern technology and equipment to enhance learning and research capabilities.
- Ensure a safe, inclusive, and conducive learning environment for all students and faculty members.

6. Industry Collaboration:

- Strengthen ties with industry partners through internships, cooperative education programs, and industry-sponsored projects.
- Align curriculum with industry needs and foster industry-academia collaboration for mutual benefit.
- Facilitate technology transfer and commercialization of research outcomes.

7. Accreditation and Quality Assurance:

- Strive for accreditation from reputable organizations to ensure quality and credibility of academic programs.
- Implement robust quality assurance mechanisms for continuous improvement and adherence to standards.
- Conduct regular reviews and assessments to evaluate program effectiveness and student learning outcomes.

8. Community Engagement:

- Engage with the local community through outreach programs, volunteering initiatives, and social responsibility projects.
- Collaborate with schools, government agencies, and non-profit organizations to address societal challenges and contribute to sustainable development.
- Promote a culture of civic responsibility and ethical leadership among students and faculty.

9. Internationalization:

- Promote global perspectives and cross-cultural understanding through international exchange programs, joint research projects, and partnerships with foreign universities.
- Recruit international faculty and students to enrich diversity and enhance the global reputation of the institution.
- Offer courses and programs with an international focus to prepare students for a globalized workforce.

10. Financial Sustainability:

- Develop a sustainable financial model to ensure long-term viability and growth of the institution.
- Diversify revenue streams through fundraising, endowments, and industry collaborations.
- Optimize resource allocation and cost management strategies to maximize efficiency and effectiveness.

These goals can serve as a roadmap for continuous improvement and development of our institute, ensuring its relevance and impact in the ever-evolving landscape of engineering education and research.

Conclusion

The institution is functioning as per the prescribed statutory norms. The Governing Council, exercises its responsibilities and empowers various committees for smooth running of the institution, through decentralization. The institution has best practices in all its activities to ensure overall development, and promote quality education.



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