



SRI RANGANATHAR

INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)

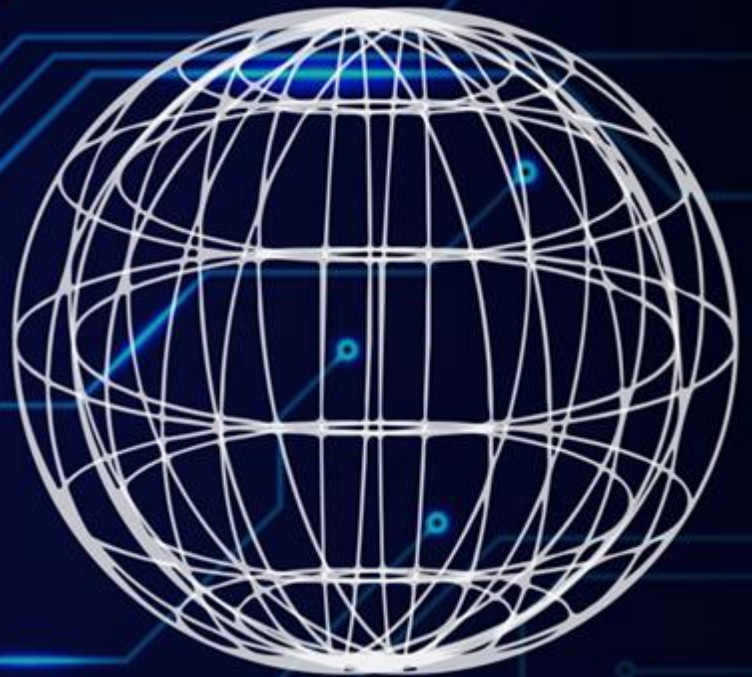
(An ISO 9001:2015 Certified Institution)

Athipalayam, Coimbatore - 641 110. Web site: www.sriet.ac.in Ph: 0422 2697792



ISO 9001:2015

**DEPARTMENT
OF
COMPUTER
SCIENCE
ENGINEERING**



NEWS LETTER

ZEAC

2020-2021 ODD SEMESTER

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About SRIET

Sri Ranganathar Institute of Engineering and Technology (SRIET),



came into existence in 2011, out of an ardent desire of Dr. V Narayanasamy to contribute manifold to the society that nurtured him. SRIET is an Innovative Educational Institution where the curiosity, creativity and intellectual joy of students all drive to academic excellence. Our Institution provides complex problem-solving skill and imbibes service to the public good. SRIET is defined by strong association and working in ways that excel in traditional boundaries SRIET's academic excellence is rooted in a student-centred model of learning. The Curriculum is an accurate approach to education that pushes the students to be creative thinkers, intellectual risk-takers and entrepreneurial problem-solvers. SRIET leaves students prepared to thrive as independent and innovative leaders and equipped with the tools they need to become the next generation of leaders in their respective fields.



Institute Vision

To be a unique Institution that enables students to become contributing Humans towards technology, business and sustainability of natural world.

Institute Mission

Our mission is to facilitate students with harmonious teaching and experiential learning by integrating industrial and societal needs with curriculum, providing requisite infrastructure facilities and imbibing ethical values

Quality Policy

SRIET is committed to provide quality learning experience to students by adopting continual improvements in management system, infrastructure and competence of faculties.



About our department

The Department of Computer Science and Engineering is committed to provide unique learning for innovation, impart knowledge in cutting edge technologies and aiming to be a key regional, national and international centre for the development of computing and its application. The department offers B.E CSE Education with high technical quality through committed faculty, hardworking staff and students aimed towards job success and professional excellence.

The department is approved by AICTE and affiliated by Anna University, Chennai and has placed emphasis on the important aspects of computing in the areas such as Internet of Things (IoT), graphical database systems, cloud computing and many more. The department provides a learning platform for the students to achieve their computer and information technology career goals

Department Vision

Our vision is to empower students with cutting-edge software programming skills, adaptability to evolving technological landscapes, and heightened competence, ensuring their readiness for dynamic industrial challenges and optimizing their employability prospects.

Department Mission

Enlightening young generation with effective pedagogies and hands-on practice and advanced skills.
Stimulating the interest of students through add-on courses for better collaborative learning and employability.
Providing guidance on innovative research and leadership proficiency.
Inculcating human values along with social skills.





Program Educational Objectives

- PEO1:** Have successful career or pursue higher studies and research or emerge as entrepreneurs
- PEO2:** Indulge in problem identification, analysis and formulation to provide technically Superior, economically feasible, environmentally compatible and socially acceptable design Solutions in computer science and allied domains.
- PEO3:** Contribute towards entrepreneurship, research, exercise and leadership through Effective communication, teamwork and knowledge up gradation through lifelong learning

Program Outcomes

Engineering Graduates will be able to:

- PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4: Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.



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PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes

At the end of the program students will be able to

PSO1: Addressing societal problems through design and development of software and firmware solutions using latest Computer Science tools and technologies.

PSO2: Involving enthusiastically in software development, software testing, storage, computing and business intelligence sectors



Editorial Board Members

Chief Editor: Mrs. Dr.R.MEKALA Head of the Department – CSE

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Message from HoD's Desk



Warm greetings!!

A warm welcome to Computer Science and Engineering. The department has highly committed faculty fraternity with pioneering pedagogy, puts constant effort towards knowledge. “The Expert in anything was once a Beginner”. Begin enthusiastically, achieve greater heights.

Warm regards,
Dr.R.MEKALA HoD/CSE





PROGRAMMES ORGANIZED .

Mr.S.Sathish & Mrs.J.Poongodi, Assistant Professor in department of computer science and engineering has organized program on “virtual National conference on scientific research and integrated emerging technologies –NCSRIET-2020”, Via online

FED/STTP ATTENDED :

Dr.R.Mekala, Head of The Department, Computer Science and Engineering has attended three days, faculty Development Programme on “virtual National conference on scientific research and integrated emerging technologies –NCSRIET-2020” , through online mode from 24.06.2020 to 25.06.2020

Mr.M.Suresh kumar, Assistant professor, department of computer science and engineering has attended two days , virtual National conference on scientific research and integrated emerging technologies – NCSRIET-2020” through online mode from 24.06.2020 to 25.06.2020

Mrs J.Poongodi, Assistant professor, department of computer science and engineering has attended two days , faculty Development Programme on virtual National conference on scientific research and integrated emerging technologies –NCSRIET-2020” through online mode from 24.06.2020 to 25.06.2020

Mr. Sathish, Assistant professor, department of computer science and engineering has attended two days , faculty Development Programme on “virtual National conference on scientific research and integrated emerging technologies –NCSRIET-2020” through online mode from 24.06.2020 to 25.06.2020



SEMINAR/WORKSHOP ATTENDED :

- **Dr.R.Mekala**, Head of The Department, Computer Science and Engineering has attended three one day, seminar on “Smart Antennas for 5G and beyond Communications “ at Dr.Mahalingam College of Engineering and Technology, Pollachii., through online mode 02.07.2020

- **Dr.R.Mekala**, Head of The Department, Computer Science and Engineering has attended three two days, workshop on “Revised Accreditation Framework for Quality Enhancement in higher Educational Institutes “ at Sri Sairam Engineering College, Chennai i., through online mode from 14.07.2020 to 15.07.2020

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