# Newsletter

## 2019-2020

## DEPARTMENT OF INFORMATION TECHNOLOGY

# SRI VENKATESWARA COLLEGE OF ENGINEERING

Sriperumbudur - 602 117

(Autonomous- affiliated to Anna University)

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SVCE | Sri Venkateswara College of Engineering

# DEPARTMENT VISION

To produce higher calibre technologists and scientists for helping the country to attain new heights in Information Technology research and industrial needs to provide leadership in the field of technical education.

# DEPARTMENT MISSION

1. To develop the department into a “Centre of Excellence in Information Technology” offering engineering education to the students at Undergraduate, Postgraduate and Doctoral degree levels.

2. To build students' total personality emphasizing ethical values, and nurture them to meet the growing challenges in the Information Technology industry.

3. To examine the research challenges and cater diverse societal needs of the Nation.

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# PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

1. The graduates of Information Technology program will demonstrate themselves as leading professionals.

2. The graduates of Information Technology program will be equipped with the necessary skills to become proficient researchers.

3. The graduates of Information Technology program will demonstrate their abilities as successful entrepreneurs.

4. The graduates of Information Technology program will excel in higher studies or modern administrative services.

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# PROGRAMME OUTCOMES (POs)

1. **Engineering Knowledge:** Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2. **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.

3. **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.

4. **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.

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# PROGRAMME OUTCOMES (POs)

5. 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.

6. 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.

7. 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.

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

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# PROGRAMME OUTCOMES (POs)

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

10. **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.

11. **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.

12. **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.

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# PROGRAMME SPECIFIC OUTCOMES (PSOs)

The B.Tech Information technology programme demonstrates the following two Programme Specific Outcomes (PSOs):

1. Exhibit proficiency in examining standard business operations in order to create and implement suitable Information Technology solutions.

2. Demonstrate the ability to establish an IT infrastructure, effectively manage resources, and ensure data security.

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# November I9'

## Congratulations!!!
## University ranks in 20I5-I9 batch

**Ms. V. Sruthi**
**5th Rank**
**(2015 – 19)**

**Ms. G. Pavithra**
**19th Rank**
**(2015 – 19)**

**Ms. J. Felcia Jesmine**
**21st Rank**
**(2015 – 19)**

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# December I9'

Tharun R & Revathy V of III year won first place with a cash prize of Rs.50,000 in sixth edition of the Pragyan, the ISO certified techno-managerial organisation of NIT Trichy, Hackathon conducted from 2Ist to 22nd December 20I9 at Exotel, Bengaluru

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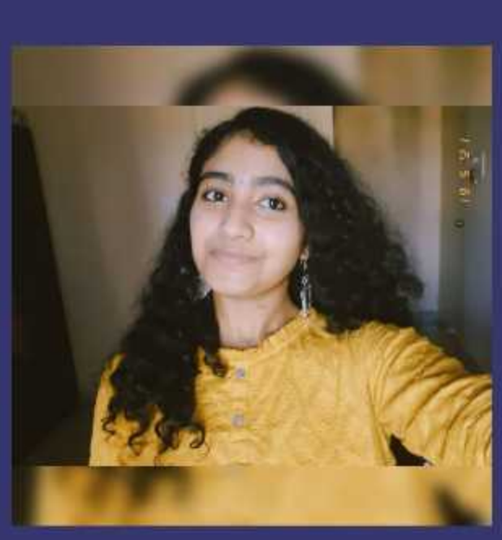
# Newsletter Designers



Lekhashree Rajesh
2020-2024

# Newsletter Editors

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