



Sri Venkateswara College of Engineering



Newsletter

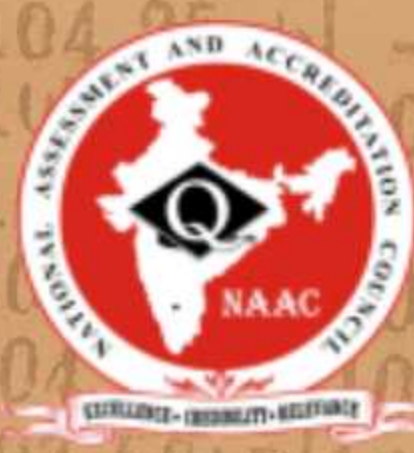
2020-2021

DEPARTMENT OF INFORMATION TECHNOLOGY

SRI VENKATESWARA COLLEGE

OF ENGINEERING

Sriperumbudur - 602 117
(Autonomous- affiliated to Anna University)



ISO 9001:2015 Certified by IRIS



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.



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.



PROGRAMME OUTCOMES (POs)

- 1. 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.



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.



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.



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.




January 21'

Mr. Shravan Srinivasan, Ms. Vaishali M, and Mr. Vedith.R, IV year students, received the best paper award for the paper titled "Autism Detection Intelligence using AI" in International E-Conference on "Smart Technologies in Electric Vehicles and Power Grid (STEP-2021) organised by the institution between 27th and 29th January, 2021.

Ms. V. M . Sivagami, Associate Professor successfully defended her PhD thesis titled "Dynamic Load Balancing and Fault Tolerance in Cloud Data Center" under the guidance of Dr. K S Eswarakumar, Professor, Department of Computer Science and Engineering, Anna University.

The Department's Silver Jubilee celebration is tentatively scheduled at the end of February or first week of March 2021.



Ms. N. Devi, Ms. P. Leela Rani, Ms. D. Jayanthi, and Mr. AR. Guru Gokul, Assistant Professors successfully coordinated and completed the Java certification program event in association with Shriram Value systems for the third and final year students.



January 21'

Mr. Mohammed Thowfiq, Ms. S,S.Saija, and Mr. Om Vignesh.K, IV year students received the best paper award for the paper titled "Accident Prediction and analysis using machine learning" in International E-Conference on "Smart Technologies in Electric Vehicles and Power Grid (STEP-2021) organised by the institution between 27th and 29th January, 2021.

ISO external audit is scheduled during the first week of February.





February 21'

Ms. V.Revathy (I7080I077) of IV year, 'B' is offered as "Ninja Programmer" at Lister Digital through PALS, IIT-M with an initial offer of 4.75 LPA. She will be offered I5K per month during the internship period. Department congratulated her for her achievement.

The department's Silver Jubilee celebration is scheduled on 15th May, 2021. The HOD outlined the agenda and informed that the detailed schedule will be rolled out once finalized.

Horizon, the department magazine for the year 2019-20 will be released along with the Silver Jubilee Magazine.

ISO certification is renewed for three more years.



Mr. Shravan Srinivasan, Ms. Vaishali M, and Mr.Vedith.R, IV year students secured the First Place with a cash prize of INR I5000 for the project titled "Autism Detection intelligence using AI" and was also selected as one of the top teams in the AI/ML track in the Ingress, a National level 24-hour Hackathon organised by Mar Baselios College of Engineering and Technology during February I3-I4, 2021.




March 21'

The management approved to offer the new PG course, MTech in Cyber Forensics and Information Security (with an intake of 12) in addition to the existing course, ME in Computer science and Engineering (Networks) from the upcoming academic year.

BOS meeting should be conducted before the first week of April and an FIR should be submitted for R22. The draft curriculum for the first two semesters shall be made ready for the BOS meeting.

April 21'

Stake holders meet was held on April 20, 2021.






May 21'

Silver Jubilee will be celebrated on May 15, 2021. The event Souvenir and the department magazine, HORIZON, for the year 2020-21 will be released during the event. It is planned to inaugurate CREATE-IT: the Department's EPIC cell as a part of the ceremony.

IDEALAB, an interdisciplinary laboratory is established in the campus.

National level technical symposium of the department (PROTOCOL'23) was held on May 17, 2021.






December 20'

Deekshitha Muthurayar, S.Girish Kumar, Febia Thomas, S. Jaisurya, Kesav S.J from II year INT 'A' have won Second Place with a cash prize of Rs.3000 in a National level 24-hour Hackathon "Ease the Error I.0" organised by IETE, Chennai Centre in association with Sri Venkateswara College of Engineering from 10-11 October, 2020 .

Anobhama V (III year 'A') and Ms. A. Indumathi, Assistant Professor have published a paper entitled "A Detailed Descriptive Analysis and Inference Report of Covid-19 in India" in International Journal of Innovations in Management, Engineering and Science (IJIMES) , Volume 6 Issue 2 August 2020, ISSN: 2455-9008.



Baskaran, P, Baskaran, Kaaviya of IV year 'A' and Mr. V. Rajaram, Assistant Professor published a paper titled 'Design of E-Water Application to Maintain the Flow of Water from Common Faucets by Enabling GSM'. In Artificial Intelligence Techniques for Advanced Computing Applications (pp. 203-211). Springer, Singapore.

Newsletter Designers



Lekhashree Rajesh
2020-2024

Newsletter Editors



Ms. Leela Rani P
Assistant Professor



Mr. Sivakumar E
Assistant Professor