



Sri Venkateswara College of Engineering



Newsletter

Hypothekenpfandbriefe

2020-2021

DEPARTMENT OF

INFORMATION TECHNOLOGY

Industrieanleihen

SRI VENKATESWARA COLLEGE

OF ENGINEERING

Sriperumbudur - 602 117

(Autonomous- affiliated to

Anna University)

Siemens & H.-SSW 1938

Steink. Elektr. Essen 39

Gebr. Stumm GmbH 1936

Thyssenhütte 1937

1937

Union Rhein. Braunkohle

Ver. Stahlwerke

1935

1935

1935



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.



July 20'

The total credits of RI8 for the department UG course was revised to I85 from I72 apart from value added courses, Internship, and Mandatory courses.

Ms. P. Sharon Femi, Assistant Professor served as a speaker for a webinar on "Machine Learning and Data Science" organized by St.Xavier's Catholic Engineering College, Kanyakumari.






August 20'

The end semester exam for the eighth semester of AY 2019-20 was conducted online with Artificial Intelligence influenced proctoring.

The webinar on 'New Normal Thinking' was conducted on 13th August 2020.

Ms. G. Sangeetha, Assistant Professor received acceptance from Springer journal for her research paper.

A MOU was signed with Department of Police (Madhya Pradesh) on the 30th September 2020. The project is a part of "Crime Free Bharath", an initiative by the Government of India to reduce the crime rate in the country. The project will involve Computer Vision and Cyber Crime as core areas. Teams of students guided by teachers will be formed for smooth delivery of the same.






October 20'

Write IT Solutions offered Internship with stipend of amount seven thousand (INR 7000) to three students.

Congratulations

Dr. C. Yaashuwanth, Associate Professor and Mr. Ramesh, PhD Scholar under his guidance for authoring a book titled "Python Programming" which is expected to be published by the end of October.

Mr. Ajay Kumar.R, Mr. Arun Kumar.KR, Ms. Divyashree.S, Ms. Divya. T, third year students have won Second Place with a cash prize of Rs. 3,000 for presenting an idea to improve teaching and learning concepts to "Educate Children at the village side in this pandemic COVID-I9 situation" in IDEATHON 2020 organized by Ramrao Adik Institute of Technology in association with IEEE GRSS and CSI RAIT on 31st October, 2020.





November 20'

It was planned to celebrate the 25th year completion of the department as Silver Jubilee for two days.


The Department has signed an MOU with Imarticus Learning, a leading professional education institute offering certified industry training. The understanding includes Faculty training in the field of Data Science as well. All the members of the faculty are asked to register and attend the Online 'Data Science Club - Inauguration' on 16th November.

Congratulations

Dr. G. Sumathi, Professor, Ms. D. Jayanthi, and Mr. AR. Guru Gokul, Assistant Professors for receiving the AICTE-ATL approval to conduct online FDP on 'Deep Learning for Cyber Security'. The FDP is scheduled from 30th November to 4th December 2020. The members of the faculty are invited and requested to register through AICTE-ATL portal.

Congratulations to the office bearers of the Student council.

It is for the first time that the council is composed of four office bearers from a department.



November 20'

SRI VENKATESWARA COLLEGE OF ENGINEERING
Pennalur, Sriperumbudur Taluk 602117

No. FL/OA1-Estt./CIR.2020-2021/01

02/11/2020

NOTICE

The following students are declared elected as Office Bearers of the Students' Council for the Academic Year 2020 – 2021:

Students' President	: Mr. Harish Kumar N N	- IV Year, CHE 'A'
Vice President	: Ms. Laksha S	- IV Year, INT 'A'
General Secretary	: Mr. Ganesh G	- III Year, INT 'A'
Joint Secretary	: Ms. Kalaiarasi N	- III Year, INT 'A'
Sports Secretary	: Mr. Hemachandran G	- III Year, CSE 'B'
Treasurer	: Ms. Mirthula Angeline M J	- II Year, INT 'A'
PG Representative	: Mr. Ramkishore P	- II Year, BIO

S. Ganesh
2/11/20
PRINCIPAL

Copy to:

1. The Secretary – For information please
2. The Treasurer – For information please
3. All HODs / Deans / CoE / I/c. of Sections
4. Notice Boards
5. Web






December 20'

A student team Tesseract got selected and presented the project titled "Vehicle Recognition and Compilation in Database Software" for the grand finale of SIH - Smart India Hackathon held virtually from 1st August to 3rd August 2020. Mr.R.K.Rahul of final year IT was the team leader and the holistic approach was inspired by M.P. Police Reforms and the project was taken to the next level by signing MoU with our college under the scheme of Crime Free Bharat.

Shravan Srinivasan - IV year B, Vaishali.M - IV year B, Kalaiarasi.N - III year A, Joann Nittika.E - III year A have won First Place with a cash prize of Rs.7,000 for the project titled "AI Recruitment" in ARIMA of National Level Techfest-Xtrofest2.0 held at Sri Sairam Engineering College during 28-29 September, 2020.

Shravan Srinivasan - IV year B, Vaishali.M - IV year B, Kalaiarasi.N - III year A, Joann Nittika.E - III year A have won First Place with a cash prize of Rs.5,000 for the project titled "Recruitment automation using AI" in NIRALAYAM-HACKATHON of SYNSARA'20, a National Level Technical Event held at Sri Sairam Engineering College during 9th and 10th October, 2020.



Newsletter Designers



Lekhashree Rajesh
2020-2024

Newsletter Editors



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Assistant Professor



Mr. Sivakumar E
Assistant Professor