



**SAHYADRI**  
COLLEGE OF ENGINEERING & MANAGEMENT  
An Autonomous Institution  
MANGALURU

Academic Year 2020-21

# **PRAPTI** 2021

Department  
**Newsletter**

Information  
Science & Engineering

## HOD's Message



**Dr. Shamanth Rai**  
Associate Professor & HOD

As the famous quote goes by, "Alone we can do so little; together we can do so much.", I wholeheartedly congratulate the editorial members for presenting this volume of "Prapti-2k17", the newsletter of Information Science & Engineering Department of Sahyadri College of Engineering & Management. The newsletter gives the glimpse of various achievements of students and faculty in curricular, co-curricular and extra-curricular activities. This newsletter will highlight the achievements of students and faculty across all the stakeholders and this in turn will motivate more numbers to participate and achieve.

## Vision

To be a center of excellence in Information Science and Engineering through modern teaching pedagogy, innovation and incubation.

## Mission

- Creating competitive ambience to enhance the innovative and experiential learning process through state-of-the-art infrastructure.
- Grooming young minds through industry-institute interactions to solve societal issues and inculcate affinity towards research and entrepreneurship.
- Promoting team work and leadership qualities through inter-disciplinary activities in diversified areas of Information Science and Engineering.

### Editorial Board

**Dr. Shamanth Rai**  
Associate Professor & HOD

**Mrs. Madhura N Hegde**  
STAFF Coordinator

**Adish**  
7th Sem

**Akhilesh**  
7th Sem

**Niranjan Bhat**  
7th Sem

**Mishal**  
5th Sem

**Aruna**  
5th Sem

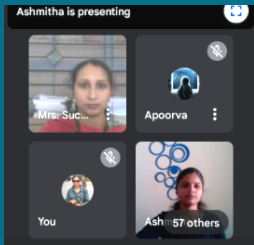
**Deeksha**  
5th Sem



# Information Science & Engineering

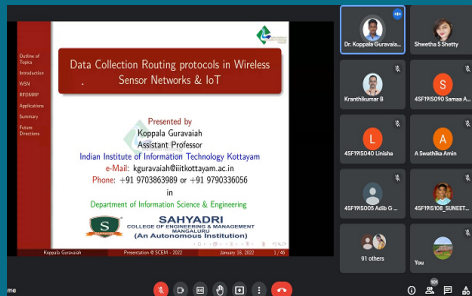


## Webinar on Application of Artificial Neural Network in Real time projects



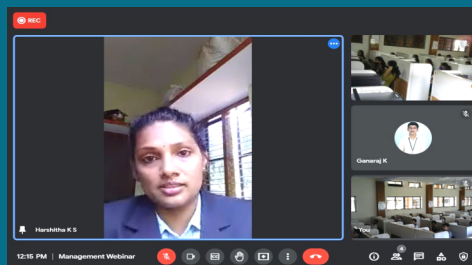
Department organized a webinar on Application of Artificial Neural Network in Real time projects on 5th February, 2022. The resource person for the event was Alumni from the department, Ms. Ashmitha Alva who is also a QA Test Engineer, IP Soft Global Private Limited. She explained about how Amelia, an autonomic framework for IT operation primarily focuses on artificial intelligence, cognitive and autonomic solutions for enterprises. She described how a large-scale autonomous framework connects IT operations and shared services. Around 57 students participated and understood the basic principles of Artificial Neural Network.

## Webinar Conducted on Data Collection Routing Protocols in Wireless Sensor Networks & IOT



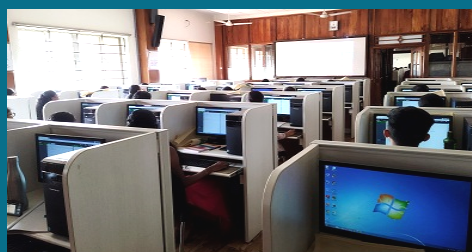
A webinar on Data Collection Routing Protocols in Wireless Sensor Networks & IOT was held on 18th January, 2022 using Google Meet platform. The resource person for the event was Dr. Koppala Guravaiah, Assistant Professor, IIIT, Kottayam. He spoke about the fundamental concepts of Wireless Sensor network and applications of IOT. He also discussed the various aspects of real time projects using routers and zigbee. More than 100 students participated in the webinar.

## Webinar Conducted on Entrepreneurship in India



Webinar on Entrepreneurship in India was conducted on 18th December, 2021 using Google Meet platform. The Resource Person for the webinar was Mrs. Harshitha K S, Founder of Om Prithwi Home Products, Puttur. Around 100 students participated in the webinar. During the webinar, she discussed the evolution of entrepreneurship in India, as well as some of the important current entrepreneurship areas where a lot of innovation has occurred. This webinar proved to be very informative for the students.

## Workshop Conducted on Technical writing using LATEX



Online workshop about Technical writing using LATEX was conducted on 4th December, 2021. The Resource Person for the workshop was Dr. Rajeev Ranjan, Associate Professor, Reva University. He stressed the necessity of LATEX for technical writing during the workshop. To create a Latex file, he demonstrated how to create an account in Share Latex - Online LATEX Editor. During the session, he demonstrated topics such as Latex Document Structure, Packages, Chapters, Sections and Subsections, Lists, Tables, and Figures.

## Talk conducted on Leadership & Entrepreneurship



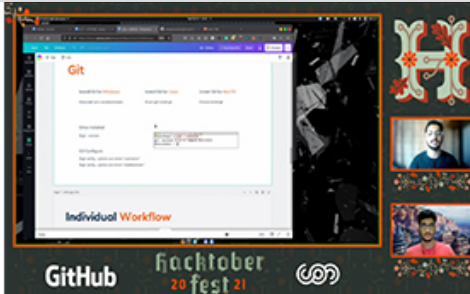
Dr. G M Lingaraju, Professor of ISE Department facilitated a Talk on Leadership & Entrepreneurship for MBA final year students on 12th November 2021. He spoke about developing a shared platform for entrepreneurs and leaders, where students would be encouraged to come up with new ideas regardless of their curriculum.

## HackNight:21



HackNight:21 was a 24-hour long Hybrid Hackathon organized by Sahyadri Open Source Community(SOSC) during 23rd to 24th Oct'21. The hackathon lasted for two days, with around 100 students from Sahyadri and a few others from other colleges participating online. Sahyadri alumni Mr. Abhi Gatty, Mr. Jehad Mohamed and Mr. Musthaq Ahamad have judged the hackathon. The alumni also gave useful information regarding hackathons to the attendees. Second year students Vinayak, Pavan and Samrat won first place. Third year students Akhilesh, Anirudh, Jackson and Swasthik won second place in the hackathon.

## Workshop conducted on Git and GitHub by SOSC



The Sahyadri Open Source Community (SOSC) conducted a Git and GitHub Workshop On 9th October, 2021, The event was streamed LIVE on the SOSC YouTube page due to the current pandemic. Mr. Swasthik Shetty, a fourth-year Information Science Engineering student, and Mr. Fawaz Abid Hussain, a third-year Computer Science Engineering student, led the session. In addition, all participants who attended the programme were given access to the essential resources. During the pandemic, this was an endeavour to increase the abilities and understanding of students on Git and GitHub using an online medium.

## Faculty completes Trainer Program on creating Microsites on Infosys Springboard



Faculty of the department Mrs. Madhura Hegde, completed Train The Trainer (TTT) Program on creating Microsites on Infosys Springboard conducted by Infosys Limited from August 31st to September 2nd. During this Three-Day online training session, they have published Institutional microsite.

## Student Completes Certification on Cybersecurity by EC Council



Chirag A K, a student of 2nd year Information Science & Engineering has completed a certification on End to End Mobile Security, provided by EC Council through codered. EC Council is the International Council of Electronic Commerce Consultants is a non-profit organisation based in the United States that provides cybersecurity certification, education, training, and services.

## Faculty Completes ATAL Online FDP on Data Analytics and Machine Learning



Mr Ganaraj K



Ms Jayapadmini Kanchan



Mrs Madhura N Hegde

Prof. Ganaraj K, Prof. Jayapadmini Kanchan and Prof. Madhura N Hegde from completed AICTE Training and Learning (ATAL) Academy Online FDP on "Data Analytics and Machine Learning" held during 20th to 24th September, 2021 organized by Department of Computer Science & Technology, Central University of Jharkhand. The FDP included an introduction to Python and a hands-on session on machine learning techniques.

## Faculty clears UGC National Eligibility Test (UGC-NET)



Mr Ganaraj K

Prof. Ganaraj K, has cleared the UGC NET held on November 2021. It is a proud moment for the Department and College. The National Testing Agency (NTA) administers the UGC NET exam at the national level to choose candidates for Assistant Professor or both Junior Research Fellowship (JRF) and Assistant Professor positions in Indian universities and colleges.

