



# CSE-SKIT



Vol : 4 Issue : 4 Oct-Dec 2023 Pages: 4 Chief Editor: Dr. Shantharam Nayak  
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## Talk on Technical Paper Writing

The Department of Computer Science & Engineering has organized a talk on "Project Work – Problem Identification, Literature Analysis, Technical Paper Writing" on Wednesday, 11-10-2023 at 11.00 am in B-208. Dr. Shantharam Nayak was the resource person for the talk. Prof. Aruna R gave brief introduction on Plan for Project work. Dr. Nayak addressed about Project team formation and to identify the problem domain. Later he stressed on clear problem identification and decide the project title. He also explained about Literature Analysis and told students to download the relevant papers (IEEE). Gave valuable input to write a Technical Paper. He concluded the session at 12.45 PM by indicating the importance of Literature analysis, Project Proposals etc. It was very interactive session. Total 74 students have participated. Prof. Meghana Sambare & Prof. Aruna R Coordinated this event.

### Key Highlights:

- \* Project Group responsibilities and Identifying the project domain to decide the title.
- \* Download relevant technical papers(IEEE) and analyse the same for reaching on Objectives.
- \* Plan the project for effective implementation.



## Activities...



## Alumni Talk

Department of Computer Science & Engineering in association with Placement Cell-SKIT, organized a Workshop session on Wednesday, 08-11-2023 at 9.30 AM in B-202. The topic of Talk is : "Winning Strategies for Interview Preparation". Mr Manoj Pranesh (CSE Alumni, Sr. Advisory, Technology Specialist, PwC India) was the resource person for this session. Dr. Shantharam Nayak (Prof-CSE) gave brief introduction about the session, welcomed the speaker and all participants. Dr. Deepak Sakkari (HoD-CSE) was also present on the occasion.

Mr. Manoj started his session with simple mathematical problem where effective thinking is required. He explained the approach to solve any kind of problem by better understanding. His session covered: Technical skills, Aptitude, Problem solving approach, Facing the Interview.

He gave overall flavour regarding good planning for better placement. He highlighted the skill set required for a Graduate which will enable to market themselves to required company. The session was very informative. Total 86 students from 7th semester actively participated in this event and drawn benefit. Prof. Sowmya CV & Aruna R have coordinated this event.

## Abstract of Activities in this period

- A Talk on "Art of Technical Paper Writing" was organized on Wednesday, 11-10-2023 by Dr. Shantharam Nayak
- A Workshop "Winning Strategies for Interview Preparation" by Mr. Manoj Pranesh (Alumni-CSE, PwC India), Wed, 08-11-2023.
- A Bridge Course "Fundamentals & Effective Programming in C" by Mr. Imran Ulla Khan & Team, 16 Nov to 23 Nov 2023 for 3<sup>rd</sup> sem.
- A Talk on "Professional Mentorship & Counselling" by Mr. Vijay—Mentor Together, on Wed, 28-11-2023.
- One day event "Kannada Rajyothsava 2023" organized on Saturday, 25-11-2023. Guest Mr. Honnavalli Krishna.
- Students (CSE & ISE) "Industry Visit to Cognizant" organized on Tuesday, 05-12-2023.
- A Talk on "Preparation of Project Synopsis" on Wednesday, 06-12-2023 for 7<sup>th</sup> sem by Dr. Shantharam Nayak.
- A FDW on "Security and Ethical Hacking" during 11—15 Dec 2023 for Faculty members by Manoj Kashyap R, Director, Ethical Byte.
- A Value Add Course on "Cyber Security Level 1" during 11—15 Dec 2023 for 3<sup>rd</sup> sem CSE by Manoj Kashyap R, Director, Ethical Byte.

Do you Know ??

- \* "When debugging, novices insert corrective code; experts remove defective code."  
—Richard Pattis
- \* "Simplicity, carried to the extreme, becomes elegance."  
— Jon Franklin

# Bridge Course for 3rd sem

The Department of Computer Science and Engineering organized a one week bridge course for 3<sup>rd</sup> semester Computer Science students on “POP and OOP Concepts in Programming” at ICT class room 208 from 16-11-2023 to 22-11-2023, 9:30 am – 4:30 pm.

The Bridge course started on 16-11-2023, Thursday at 9:30 AM with brief introduction on software engineering, programming and its applications by Dr. Shantharam Nayak, Professor Dept. of CSE, SKIT Bangalore. Later, the other resource persons explained the different topics in the syllabus as per the schedule and conducted the hands-on session to demonstrate the concepts of C and Java programming. The participants interacted very well with resource persons. This event was ably assisted by lab instructors. Total 117 students have actively participated and drawn benefit from this bridge course. The coordinator Mr. Imran Ulla Khan whole-heartedly thank Management, Principal and HOD, Dr. Deepak S Sakkari, Dept. of CSE for their support. Thanks to Resource persons for sharing their knowledge with participants. Thanks to Lab instructors for Lab arrangement and Technical support. Finally thanks to all concerned who were directly or indirectly responsible for the success of this event.

## OUTCOMES:

- ◆ Participants will gain a foundational understanding of Procedural-Oriented Programming (POP) concepts.
- ◆ Learners will demonstrate proficiency in applying Object-Oriented Programming (OOP) principles to solve programming challenges.
- ◆ Participants will acquire practical skills in utilizing arrays, pointers, and strings in C programming.



# Session on "Professional Mentorship & Counselling"



The Department of Computer Science & Engineering in association with Placement Cell-SKIT, organized a session on Wednesday, 29-11-2023 at 11.30 AM in B-202. The topic of Talk is : “Grooming through Mentorship & Counselling”. Mr Vijay (Mentor Together) was the resource person for this session. Dr. Deepak Sakkari welcomed the speaker & participants on the occasion. Dr. Shantharam Nayak (Prof-CSE) gave brief introduction about the session.

Mr. Vijay addressed the students about Professional mentorship requirements. His session covered:

- \* Mentorship by working professionals.
- \* Project work & Planning.
- \* Skill development & Internship
- \* Industry visit & importance.

The professional mentorship helps the students for their overall development. A simple screening test was conducted to the participants for selecting interested students. The selected students were referred for Mentoring process by Industry professionals. The session was very informative. Total 65 students from 7<sup>th</sup> semester actively participated in this event and drawn benefit. Mr. Vijay also indicated for internship in relevant industries and later facilitated for an Industry visit. These kind of activity helps the students for their overall development. Prof. Aruna R has coordinated this event.

**O**n 05-12-2023, our team had the opportunity to visit Cognizant, one of the leading global professional services firms. The purpose of the visit was to gain insights into Cognizant operations, explore its industry practices, and understand the role of technology in shaping the modern business landscape. 28 students of various departments (CSE & ISE) visited Cognizant. The industry visit to Cognizant provided the group with valuable insights into the company's operations, industry practices, and the role of technology in addressing business challenges. The experience deepened their understanding of IT services, consulting, and the significance of a client-centered approach. The visit left the group inspired and motivated to pursue careers in the technology industry while incorporating the learnings from Cognizant's practices into their future endeavours. Prof. Aruna R & Sowmya C V have coordinated this event.



## Orientation on Project work



**T**he Department of Computer Science & Engineering has organized a orientation session for 7<sup>th</sup> sem CSE on “**Project Work – Preparing Synopsis**” on Wednesday, 06-12-2023 at 12.30 pm in B-208. Dr. Shantharam Nayak was the resource person for the session. Prof. Aruna R gave brief introduction on Plan for Project work. Dr. Nayak addressed about Project work progress. He explained all the constraints considered for the development of project. The template of Sample Synopsis was discussed and demonstrated to the participants. The Basic structure of synopsis and the components to be accommodated in the report was discussed. It was very interactive session. Total 45 students from 7<sup>th</sup> sem have participated. Prof. Aruna R & Meghana Sambare have Coordinated this event.

### Key Highlights:

- ◆ Project work progress & Literature Analysis.
- ◆ Preparation of Synopsis as per prescribed template.
- ◆ Presentation contents for Project seminar 2.
- ◆ Working on Time line related to project development.

**T**he **Kannada Rajyotsava** was organized at SKIT on Saturday, 25-11-2023. **Mr. Honnavalli Krishna (Cine actor)** was the Chief Guest. **Industry Visit to Cognizant** was organized on Tuesday, 05-12-2023 for discussing Internship & Project Program.

1<sup>st</sup> Sem Skills Training on “Automate the Tasks through Python Level 1” during 01-03 Dec 2023 by our faculty members(IUK,SCV).

**Voluntary Blood Donation Camp** was organized in the Institution on Friday, 15-12-2023.

## Faculty Achievements

- Dr. Shantharam Nayak has delivered a talk on “Art of Technical Paper Writing” on Wednesday, 11-10-2023.
- Dr. Shantharam Nayak was resource person and delivered a session on “Programming skills, Problem solution with software Engineering” on 16-10-2023 in the Bridge course for 3<sup>rd</sup> sem.
- Dr. Shantharam Nayak delivered a talk on “Project work and Synopsis preparation” for 7<sup>th</sup> sem on 06-12-2023.
- Dr. Deepak Sakkari, Dr. Shantharam Nayak, Rashmi K T, Lokesh H D, Sushma M, Imran Ulla Khan, Sowmya C V, Gnaneshwari T R, Aruna R, Kavya M, Meghana Sambare, Sahana Devi K J have attended **Faculty Development Workshop** on “Ethical Hacking” held between 11<sup>th</sup> to 15<sup>th</sup> Dec 2023.
- Prof. Imran Ulla Khan was Resource person for 4 week internship on Deep Dive into Python libraries with its Application projects for 4<sup>th</sup> semester students from 26-10-2023 to 26-11-2023.
- Prof. Imran Ulla Khan was Resource person and Coordinator for one week Bridge Course on “POP and OOP Concepts in Programming” for 3<sup>rd</sup> semester students of CSE department from 16-11-2023 to 22-11-2023.
- Prof. Imran Ulla Khan was Resource person “Employability skills training on C programming” for 5<sup>th</sup> semester students of CSE department, PES College of Engineering, Mandya, 27-11-2023 to 29-11-2023.
- Prof. Imran Ulla Khan was Resource person for 3 days Skill development lab on “Automate the tasks through Python programming Level-1” for 1st semester G-Section students from 01-12-2023 to 03-12-2023.

## Congratulations !!

- Prof. Imran Ulla Khan was Resource person for 4 days Skill development lab on “Web development and its Applications” for 1<sup>st</sup> semester A and B-Section students from 05-12-2023 to 08-12-2023.
- Prof. Kavya M, Rashmi K T, Gnaneshwari T R, Sushma M together coordinated Value Added Course 11<sup>th</sup> to 15<sup>th</sup> Dec 2023.
- Prof. Aruna R coordinated mentorship event on 29-11-2023.
- Prof. Aruna R & Sowmya C V have coordinated Industry Visit to Cognizant on 05-12-2023.
- Prof. Imran Ulla Khan Resource person for workshop on “Course website Development” for newly joined faculties, 23-12-2023.
- Prof. Imran Ulla Khan Completed a 25 hrs MOOC course on “ Machine Learning for All” from Coursera through Infosys Springboard, During November 2023.
- Prof. Imran Ulla Khan Attended and presented a poster on “ Unveiling Identities in real time through deep learning analysis of GAN generated images from eyewitness description” in two days 6th REVA Research Conclave from 08-12-2022 to 09-12-2022 at REVA University.
- Prof. Imran Ulla Khan Attended a webinar on “How to use Generative AI tools Ethically in your academic writing” conducted by Paperpal, Malaysia, 13-12-2023.
- **Dr. Shantharam Nayak, Dr. Deepak Sakkari, Imran Ulla Khan, Rashmi K T, Sowmya C V, Sushma M, Aruna R, Latha A, Savitha B Patil, Kusuma H P, Varsha Jituri, jointly with students have published our Conference papers in International Journal of Engineering Research & Technology [IJERT], Vol 11, Issue 8, Dec 2023, ISSN: 2278-0181.**

## Faculty Development Workshop (FDW)

The Department of Computer Science & Engineering has organized a Faculty Development Workshop [FDW] on "Security, Ethical Hacking & Beyond" during 11<sup>th</sup> to 15<sup>th</sup> Dec 2023. Mr. Manoj Kashyap R(Founder Director, Ethical Byte) was the resource person for the workshop. Prof. Kavya M gave brief introduction of resource person. Mr. Manoj explained basic principles of Networks and Network addressing. He demonstrated the concept with real time examples. The Security is the major concern of digital era. Linux is one of the power full OS that supports for implementation of Ethical Hacking and increase security by addressing the loop holes. It was very interactive session. The other resource persons assisted are : Mr. Hari Prashanth(Trainer), Mr. Laxmi Prasad, Mr. Adithya A P from Ethical Byte have handled the sessions very effectively. Total 12 Faculty members from CSE department have actively participated and drawn benefit. Prof. Kavya M Coordinated this FDW event.

Key Highlights(Coverage):

Basics of Networking, Network addressing & its utility.

Linux Operating System features & usage for Ethical hacking.

Basics of Web Development & Hosting.

This was facilitated as a part under our MoU activity.



## Value Added Course (VAC)

Department of Computer Science & Engineering in association with IQAC-SKIT, organized a Student development program for 3<sup>rd</sup> sem from 11-12-2023 to 15-12-2023. The topic of program is : "SDP on Cyber Security and Ethical Hacking level-1", Mr. HARI PRASHANTH (Trainer Ethical Byte) for A section and Mr. MANOJ KASHYAP (Founder Director, Ethical Byte) for B Section were the resource persons from Ethical Byte. The aim of the event is to inspire and encourage Students to get the information on cyber-attacks with hands on exposure. Prof. Kavya M started the event by welcoming participates and Speaker. Dr. Deepak Sakkari and Dr. Shantharam Nayak greeted the speaker and participants. He shared a very good knowledge about upcoming cyber-attacks with hands on session. After this session feedback was collected from students for Course on Cyber Security and Ethical Hacking level 1. The session was very interactive. Total 120 students drawn benefit form this VAC. Prof. Kavya M, Prof. Rashmi K T, Gnaneshwari T R & Sushma M have coordinated this event. Under MoU activity.



# Happy & Prosperous New Year 2024

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