



# CSE-SKIT



Department of  
Computer Science & Engineering

Sri Krishna Institute of Technology  
Bengaluru - 560 090

## NEWS LETTER

Vol : 4 Issue : 1 Jan-March 2023 Pages: 4 Chief Editor: Dr. Shantharam Nayak  
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## Workshop on COAD

## Activities...

**D**epartment. of CSE have organized a Workshop on “**Computer Organization and Architecture Design**” during **6 & 7 Jan 2023** for 3<sup>rd</sup> semester computer Science students. The objective of the workshop is to introduce principles of computer organization and the basic architectural concepts. The main aim of this workshop is to enabling the student with basic knowledge on the techniques to build a CPU with high speed processor. This course covers the techniques on how to design a model, how it can be evaluated, what are all different requirements and components they can adopt to make efficient CPU model.

**Dr. K Badarinath**, Associate Professor, CSE dept– RVCE was the resource person. Dr. Shantharam Nayak welcomed the resource person for this workshop. Dr. Badrinath provided elaborate introduction on basic principles of CPU design. He demonstrated the concept by explaining LOGISIM Software Tool which is useful for such design.

- \* Design a CPU from scratch.
- \* Creating a complete ALU using transistors.
- \* Understanding of control unit and why we need it.
- \* Describing how to create devices for processing data.

Total 56 students actively participated in the workshop and drawn benefit. Prof. Sowmya CV & Prof. Aruna R



## Food Festival

**T**he Department. of CSE have organized a Food Festival on Wednesday, **04-01-2023** for 3<sup>rd</sup> semester computer Science students. The objective of the Festival is to give an opportunity to the students to showcase the items and learn business approach. The main objective is to provide a formal platform for students to communicate and connect with their surroundings and enable to create a responsible connection to society.

All the students actively participated in the Food fest and drawn benefit. Prof. Sowmya CV & Prof. Latha A

## Abstract of Activities in this period

- A “**Food Festival**” was organized in the Department on **Wednesday, 04-01-2023**.
- A “**Workshop on Computer Organization & Architecture**” was organized on **6(Fri) & 7(Sat), Jan 2023**—Dr. Badarinath K (RVCE)
- A “**Horticulture Visit to IIHR, Hesaraghatta**” was organized on **24(Tue) & 25(Wed), Jan 2023**—Mr. T Muni Reddy (IIHR)
- A Training “**Data Structures & Programming**” was organized **1-6 Feb, 7-11 Feb & 13-17 Feb 2023**—Ms. Shilpa Vaidya, Corporate Trainer.
- A Workshop on “**Ethical Hacking Level 1**” was organized for 3<sup>rd</sup> sem students during **8-10 Feb 2023**—Mr. Sohan Simha, Ethical Byte
- A Talk on “**Academic Orientation & Process**” was organized for 3<sup>rd</sup> sem students on **03-03-2023**—Dr. Shantharam Nayak
- An “**Orientation Programme**” by Mentor Together—an NGO on **Friday, 17-03-2023** by Mr. Vijay & Ms Elizebeth
- A Talk on “**Tips for Technical Writing**” for 8<sup>th</sup> sem students on **Friday, 17-03-2023** by Dr. Shantharam Nayak
- An “**Orientation Programme**” on Microsoft Azure :for 6<sup>th</sup> sem students Edunet Team on **Friday, 24-03-2023** by Ms Rithika—Edunet

**Do you Know ??**

- \* “Make everything as simple as possible, but not simpler.”  
— Albert Einstein
- \* “If the code and the comments do not match, possibly both are incorrect.”  
— Norm Schryer

## Industry Visit to IIHR-Hesaraghatta

The Department of Computer Science & Engineering has organized an excursion to Indian Institute of Horticulture Research [IIHR] on **24-01-2023(Tue) and 25-01-2023 between 9.30 am to 2.00 pm**. The students were taken to IIHR for the study on Horticultural Process, Products and Technology support. Mr. T Muni Reddy, Scientist 'C' – IIHR who talked on **"Agriculture & Technology"**. He provided all necessary information regarding various type of hybrid crops & their varieties developed by IIHR. He explained the support of Technology available for these kind of horticultural development. The students with zeal towards research of horticultural products will have ample opportunity and scope. Later the students were taken to the fields to see the crops and other details. Total 85 students have participated and involved in this visit. Prof. Latha A & Prof. Sowmya C V have coordinated this event.

### Key Highlights:

- \* Indian Agriculture and tradition.
- \* Technology support in Agriculture system
- \* Field visit for study and analysis of agriculture system.



## Workshop on "Cyber Security & Ethical Hacking Level 1"



Department of Computer Science & Engineering in association with IQAC-SKIT, organized a **Student development program** from **07-02-2023 to 11-02-2023** in OFFLINE mode for 3<sup>rd</sup> sem students.. The topic of program is :**" Value Add Course on Cyber Security and Ethical Hacking level-1"**., Mr. Sohan Simha is Technical corporate trainer for Ethical Hacking, Computer forensic and IOT, Embedded system Networking Ethical Byte has been a long-term trusted partner for clients, working closely with our clients allows us to act in their best interest over the long term. The aim of the event is to inspire and encourage Students to get the information on cyber-attacks with session offline. Prof. Kavya M started the event by welcoming participates and Speaker. 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 we collected the feedback from students for Course on Cyber Security and Ethical Hacking. Total 44 students actively participated and drawn benefit. The session was very interactive. Prof. Kavya M and Prof. Rashmi K T has coordinated this event.



**T**he Institution has facilitated and conducted a Technical Training on "Data Structures using C". This was conducted during 1-7 for 3A and 7-13 Feb 2023 for 3 B students . **Ms Shilpa Vaidya**—corporate trainer and Entrepreneur was the resource person on this occasion. Prof. Manjunath started the event by welcoming participates and Speaker. Dr. Mahesha K (Principal-SKIT) greeted the speaker and participants. She gave all the clue to clear the problems in data structures sub topics. Well planned session. The preparation for Upcoming Placement was explained by the resource person well. She shared his knowledge & experience of cracking the problems and finding better solution. It was really good and interactive session. Total 88 students benefited from this training. Prof. Latha A and Prof. Sowmya C V has coordinated this event.



## Congratulations !!



**T**he students from CSE & AIML have participated & Won **THIRD Prize** in National Level Hardware Hackthon organized at BGSIT, Bellur, Mandya Dist on 05-01-2023. Prof. Aruna R coordinated this event.



**T**he Science Day talk on **Quantum Computing** was arranged on **Saturday, 04-03-2023** by Prof. S Basavaraju –Physics  
 Voluntary **Blood Donation & Health Checkup Camp** organized on Friday, 10-03-2023.  
**Industry Visit to INTEL** was organized on Thursday, 16-03-2023 for discussing Intel Unnathi Program.  
 1<sup>st</sup> Sem Skills Training on Python during 6-10 & 13-17 March 2023 by our faculty members.

## Faculty Achievements

- Dr. Shantharam Nayak has attended the BoE meeting at VTU-Belagavi during 10-11, Jan 2023.
- Dr. Shantharam Nayak accompanied with students and visited IIHR-Hesaraghatta on Wed, 25-02-2023.
- Dr. Shantharam Nayak has conducted a Orientation on "Academic Process" for 3<sup>rd</sup> sem students on 03-03-2023
- Dr. Shantharam Nayak visited Govt. Lower Primary School Thathikallu, Mulabagilu –Kolar Dist on 15-03-2023 as ISR.
- Dr. Shantharam Nayak attended a discussion meeting onn INTEL- Unnathi" at Intel Office, Bellandur, B'lore on 16-03-2023.
- Dr. Shantharam Nayak delivered a talk to 7<sup>th</sup> sem students on "Technical Paper writing" on Friday, 17-03-2023.
- Dr. Shantharam Nayak conducted a Counseling session for PUC students on 30-03-2023 at Kolar & Mulabagilu.
- Prof. Imran Ulla Khan conducted "Skill development—Python" for 1<sup>st</sup> sem students during 6-8 Feb and 13-15 Feb 2023.
- Prof. Varsha Jituri conducted "Skill development—Python" for 1<sup>st</sup> sem students during 6-8 Feb and 13-15 Feb 2023.
- Prof. Sowmya C V & Prof. Latha A coordinated Food Festival organized in the department on Wednesday, 04-01-2023.
- Prof. Sowmya C V Coordinated a workshop on "Computer Organization & Architecture Development on 6<sup>th</sup> & 7<sup>th</sup> Jan 2023.
- Prof. Sowmya C V & Prof. Kavya M coordinated training on "Data

- structures & Programming" for 3<sup>rd</sup> sem during 1—17 Feb 2023.
- Prof. Kavya M & Prof. Rashmi K T Coordinated "Ethical hacking Level 1" workshop for 3<sup>rd</sup> sem students during 8-10 Feb 2023.
- Prof. Latha A & Prof. Sowmya C V have coordinated a Horticulture visit to Indian Institute of Horticulture Research—Hesaraghatta for 3<sup>rd</sup> sem CSE / ISE students on 24 & 25 Feb 2023.
- Prof. Sushma M registered for her PhD inVTU Research center in CSE department Feb 2023 under the supervision of Dr. Shantharam Nayak.
- Prof. Aruna R coordinated a event of "Orientation on Mentoring" on 17-03-2023.

## Congratulations !!

Sri Raghavendra Educational Institutions Society ®  
**SRI KRISHNA INSTITUTE OF TECHNOLOGY**  
No. 29, Chimney Hills, Hesaraghatta Road, Chikabanasvara Post BENGALURU - 560096. Web : www.skit.org.in  
NAAC Accredited Institution, Approved by AICTE-New Delhi, Affiliated to VTU-Belagavi

**5<sup>th</sup> National Conference**  
**on**  
**"Recent Trends in Computer Science & Information Technology" [RTCSIT-2023]**  
**Date: 02-06-2023 (Fri)**

Host : Department of Computer Science & Engineering  
 Jointly Organized by :  
 Departments of Computer Science & Engineering, Information Science & Engineering  
 and Artificial Intelligence & Machine Learning

## Academic Orientation

The Department of Computer Science & Engineering has organized a Orientation Session for 3<sup>rd</sup> sem CSE students on “**Academic Orientation & Process**” on **Friday, 03-03-2023 at 12.30 pm in B-208**. Dr. Shantharam Nayak was the resource person for this session. He addressed about Department Vision, Mission & POs. He briefed about the **Choice Based Credit System [CBCS]** and the scheme of study. He told the importance and role of individual to achieve the Vision & Mission. The effort involved in University (VTU) examination and Evaluation process was briefed to the participants. Total 71 students have participated and involved in discussion.

### Key Highlights:

- \* Academic activities & plan
- \* OBE & CBCS System
- \* Semester scheme of examination & evaluation.
- \* Role of individual in achieving the goal of Vision, Mission etc.

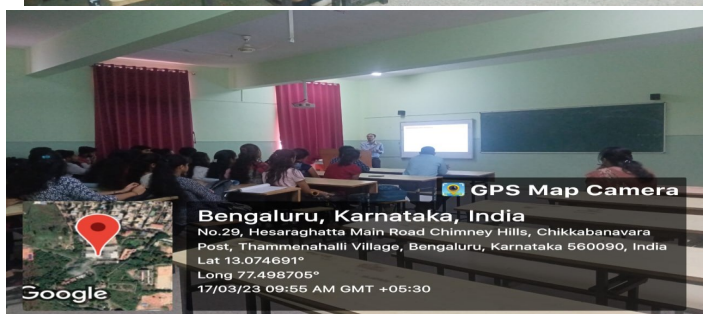


## Orientation on Mentoring

The Department of Computer Science & Engineering has organized a Orientation Session on “**Mentoring**” on **Friday, 17-03-2023 at 9.30 am in B-208**. Mr. Vinay Kumar B C and Ms. Elizabeth Skaria, Program coordinator from **Mentor Together** were the resource persons for this session. Mr Vinay addressed about the approach from Mentor-together to help in grooming the students with over all performance. Total 79 students from 3<sup>rd</sup> sem have participated and involved in discussion.

### Key Highlights:

- ◆ Process of mentoring for professional growth,
  - ◆ Interact with Professional Mentor and improve the skills.
  - ◆ Developing project through mentorship.
- Prof. Aruna R coordinated this event.



## Tips for Technical Paper Writing

The Department of Computer Science & Engineering has organized a Orientation Session on “**Tips for Technical Paper Writing**” on **Friday, 17-03-2023 at 12.45 pm in B-208**. Dr. Shantharam Nayak was the resource person for this session. He addressed about the approach to write a Technical paper. The components of a Tech paper was explained. What is the importance of a paper publication and how it helps to strengthen the resume was highlighted. The importance of copy right act and its impact on violation was brought to the notice of participants. Total 59 students from 8<sup>th</sup> sem have participated and involved in discussion.

### Key Highlights:

- Tips for Technical Paper writing
- The components of a Tech paper.
- Approach to write a paper.
- Aim to publish a paper in Conference / Journal