



Vol:1 Issue : 1 December 2020
Co-editors: Prof. Geetha C Megharaj, Prof. Pradeep Kumar K;

Pages: 4 Chief Editor: Dr. Shantharam Nayak
Student members: Anjali A R(1KT19CS010), Nishanth R(1KT19CS056)

Graduation Day 2020

The **Graduation Day 2020** celebration for the out going batch (2016-2020) of students was organized on Thursday, 16-10-2020.

Dr. Manjunatha A, Principal-SKIT, welcomed everyone and gave a bird's eye view of the achievements of the students and the laurels that they had brought to the Institution. He emphasized on the importance of Engineer and the values to carry forward in their life.

Dr. Shantharam Nayak, HoD-CSE Department, shared his views and advised the Graduates to equip themselves with adequate skills and knowledge to face the challenges and to excel in their career.

Then there was a distribution of certificates by our Principal and HOD, CSE, it was a moment that really added charm to the atmosphere with a sense of achievement. Prof. Nagarathna C and Prof. Geetha C Megharaj have Organized & Coordinated this event. Graduates thanked Prof. Nagarathna & other teachers for their timely guidance & help.

Activities...



Webinar on Emerging Technologies

A Webinar on "Emerging Technologies and Applications" was organized for the benefit of students & faculty members of SKIT on Saturday, 10-10-2020. The Speakers are :

Mr. Hemanth Kumar—MindTree
Mr. Rakesh Sharma—Morgan Stanley
Mr. Rajath Kaushik—Quillbot

The speakers throw light on the technologies in current demand. They discussed the advantages of knowing these technologies.

Prof. Geetha C Megharaj, Associate Professor from CSE department coordinated this event.. More than 110 participants actively participated in this webinar and drawn benefit.

Abstract of Activities in this period

- Webinar on "Emerging Technologies & Applications" was organized on **Saturday, 10-10-2020** by Hemanth Kumar, MindTree
- The **Graduation Day 2020** celebrated for the out going batch (2016-2020) of students was organized on **Thursday, 16-10-2020**.
- Webinar on "Cyber and Data Security" by Manoj Kashyap, Sr Technical Analyst, ClassFly Technologies, Blore on **Tuesday, 17-11-2020**
- Webinar on "Project Work Flow" by Prof. Pradeep Kumar K (CSE-SKIT) on **Saturday, 21-11-2020**.
- **Parent Teacher's Meeting (PTM)** : 7 Sem-Tuesday, 24-11-2020 ; 5 Sem—Wednesday, 25-11-2020 ; 3 Sem - Thursday, 26-11-2020.
- Soft Skills Training 3-Sem (Nov-Dec 2020) ; Technical Training 5-Sem (30 Nov to 6 Dec 2020) : Front End Design, Android, AWS
- Workshop on "Digital Circuits Designing & Simulating using VHDL", by Prof. Gowamma G S (DBIT, B'lore) on **Saturday, 05-12-2020**.
- Webinar on "Skills for Technical Paper Writing" by Dr. Shantharam Nayak (CSE-SKIT) on Saturday, 12-12-2020.
- 5 Days Workshop on "Creative Learning using Recent Technologies (ML,Python, ThinkedCad)" during **17-22 Dec 2020**
- Webinar on "Computer Organization from Industry Perspective" by Vempati Bhanu Prakash—DCDE, Intel on **Saturday, 19-12-2020**
- Webinar on "National Education Policy & its Impacts" by Dr. O V Nandimath (Professor & Former Registrar, NLSIU) on **Wednesday, 30-12-2020**.

Do you Know ???

- * A Journey of thousand miles must begin with a single step.
- * Honesty is the First chapter in the book of Wisdom.
- * Change in the face can change nothing... But facing the change can change everything.
- * The Biggest room in the world is .. the room of self improvement.

Parent Teacher's Meeting

The Department of Computer Science & Engineering facilitated a **Parent Teacher's Meeting (Online)** during **24 (7 sem), 25 (5 sem) & 26 (3 sem) Nov 2020**. This meeting was organized to interact with current semester students and their parents. The aim was to appraise about the **ongoing Online classes** and academic updates. It was also told the as per VTU direction, the plan for conducting Off-Line classes by obtaining necessary consent from Parents & students.

- * Online classes are going on. Facilitation for conducting Off-Line classes for willing students (practical & theory).
- * VTU will conduct OFF-LINE examination (may be Jan 2021) for the students.
- * Placement Training is On and to make best use of the facility. Placements happen till the end of 8th semester.
- * Students are expected to have live contact with Proctors, Respond to the communication of Institution & University. They need to pay Institution & University Fee within the schedule and comply the guidelines.
- * Informed about NAAC visit and told to paly their role responsibly.

In each PTM, the parents & students have interacted with HoD, Faculty, Proctors. Few doubts were cleared during the interaction. Few Parents / Students expressed their reason for Not paying the college Fee. However they have been convinced to comply with University / Institution's guidelines. In the case of Financial difficulty, they have been informed to contact Principal / Management through Proctors for Fee payment in installments. Overall interaction was very good. Prof. Lokesh H D and Prof. Shwetha S Bagali have organized & coordinated this PTM.

Kannada Rajyothsava was celebrated on **Thursday, 26-11-2020** in the Institution.

The **"Constitution Day"** was also celebrated on **26-Nov-2020**



Webinar on Project Work Flow

A Webinar on **"Project Work Flow"** was facilitated by the Department of Computer Science & Engineering on Saturday, 21-11-2020. This talk was organized for the benefit of 7 semester CSE & ISE students. Prof. Pradeep Kumar K, Asst Professor, CSE-SKIT was the resource person. Prof. Pradeep Kumar started his presentation by mentioning the importance of completing project work meaningfully. He briefed about the activities connected with project work and timely scheduling these activities. The plan & schedule connected with project work is very important. Any mismatch may lead to project failure. The project team must focus on these related activities to see the successful result in the project. Dr. Shantharam Nayak thanked Pradeep Kumar for facilitating this talk. More than 50 students participated in the seminar.

SRI KRISHNA INSTITUTE OF TECHNOLOGY
#29, Hesaraghatta Road, Chimney Hills, Chikkabanavara
P.O., Bangalore 560090

Department of Computer Science & Engineering
Organizes
WEBINAR SERIES

"Project Work Flow"

In-house Resource Persons
Prof. Pradeep Kumar K, Asst. Prof., Dept. of CSE, SKIT
Prof. Geetha C Megharaj, Assoc. Prof., Dept. of CSE, SKIT
Dr. Shantharam Nayak, H.O.D., Dept. of CSE, SKIT

Date: 21.11.2020
Time: 10.30 AM to 11.30AM
Platform : Google Meet
Meeting ID :
<https://meet.google.com/kfi-veqz-vvwh>

Faculty Coordinators
Prof. Geetha Megharaj
Prof. Pradeep Kumar K

Dr. Shantharam Nayak,
HOD, CSE, SKIT

Dr. Manjunatha A.
Principal, SKIT

Webinar on Cyber & Data Security

A Webinar on **"Cyber and Data Security"** was organized for the benefit of students & faculty members of SKIT on Tuesday, 17-11-2020. The Speakers was **Mr. Manoj Kashyap—Sr. Technical Analyst, ClassFly Technologies, Bangalore** Webinar started at 5.30 pm. Dr. Shantharam Nayak, HoD-CSE welcomed the speaker and participants. Prof. Pradeep Kumar introduced the speaker to the participants. Mr. Manoj started his talk with brief introduction about cyber crimes and its awareness. He presented various aspects of Cyber attacks, Data security in his presentation. He told about the opportunities for challenging jobs in the domain of Cyber Security. Student participants interacted very well. Prof. Pradeep Kumar K, Asst Professor from CSE department coordinated this event. More than 65 students and 07 faculty members actively participated in this webinar and drawn benefit.

SRI KRISHNA INSTITUTE OF TECHNOLOGY
#29, Hesaraghatta Road, Chimney Hills, Chikkabanavara
P.O., Bangalore 560090

Department of Computer Science & Engineering
Organizes
WEBINAR SERIES

"Cyber & Data Security"

Resource Persons
Mr. Manoj Kashyap, Sr. Technical Analyst, ClassFly Technologies, Bangalore

Date: 17.11.2020
Time: 5 PM to 6.30 PM
Platform : Google Meet
Meeting ID :
<https://meet.google.com/fka-cceevj>

Faculty Coordinators
Prof. Geetha Megharaj
Prof. Pradeep Kumar K

Dr. Shantharam Nayak,
HOD, CSE, SKIT

Dr. Manjunatha A.
Principal, SKIT

A Webinar on “Skills for Technical Paper Writing” was organized by the Department of Computer Science & Engineering on Saturday, 12-12-2020. This talk was organized for the benefit of 7 semester CSE & ISE students. **Dr. Shantharam Nayak**, Professor, CSE-SKIT was the resource person.

Dr. Shantharam Nayak started his presentation with brief introduction on importance of Technical paper writing. He explained the basic structure of technical paper and associated contents. The topic was discussed with specific domestic examples to convey clear information to the participants. More than 70 students and few faculty members participated in this webinar and benefited.



Sri Krishna Institute of technology
Chimney Hills, No.29, Hesaraghatta Main Road,
Chikkabanavara, Bengaluru, Karnataka 560090

Organized by
Department of Computer Science & Engineering
“Skills for Technical Paper Writing”



Speaker
Dr. Shantharam Nayak
H.O.D. CSE,
Sri Krishna Institute of Technology
Bengaluru



Date: 12-12-2020 (Saturday)
Time: 10.30AM to 11.30AM
Online Platform: Google Meet
Meeting ID: <https://meet.google.com/hb-crae-mji>

Faculty Coordinator
Prof. Geetha Megharaj
Prof. Pradeep Kumar K

Dr. Shantharam Nayak
H.O.D. CSE



Sri Krishna Institute Of Technology
#29, Hesaraghatta Road, Chimney Hills,
Chikkabanavara, Bangalore—560090

Organized by
Department of Computer Science & Engineering

Add on / Bridge course on *Digital Circuits designing and simulating a VHDL code using Xilinx Software*



Speaker
Prof. Gowamma G S
Associate Professor & HOD(ISE)
Don Bosco Institute of Technology

5th December 2020
Time: 9.30 am to 12.30 pm



Presided by:-	
Dr. Shantharam Nayak HOD (CSE), SKIT	Dr Manjunatha A. Principal, SKIT

Online Mode : Google Meet

Workshop on VHDL

A Workshop on “Digital Circuits Designing & Simulating using VHDL” was organized for the benefit of students & faculty members of SKIT on Saturday, 05-12-2020. The Resource person was **Prof. Gowamma G S (Asso Prof. & HoD)**, Don Bosco Institute of Technology, B’lore.

Dr. Shantharam Nayak welcomed the resource person and requested Prof. Amina to introduce the speaker to the audience. Prof. Gowamma explained briefly about the basic of Digital Circuits and demonstrated few experiments as per the syllabus of ADE using Xilinx software. Dr. Shantharam Nayak appreciated the way of conducting this workshop. The student participants actively involved throughout the session. More than 95 students participated in this online workshop. Prof. Gowamma also demonstrated the experiments concerned with ADE Lab. She clearly shown the simulation exercises and explained the process of conducting experiments. Prof. Amina M & Prof. Rashmi K T coordinated this workshop.

A Webinar on “National Education Policy & Its Impacts” was organized for the benefit of students & faculty members of SKIT on Wednesday, 30-12-2020. The Speakers was **Dr. O V Nandimath**, Professor & Former Registrar-NLSIU, B’lore.

Faculty Achievements

- Dr. Shantharam Nayak attended a webinar on “Emerging Technologies & Applications” on 10-10-2020.
- Dr. Shantharam Nayak attended a webinar on NEP by Dr. Balaveer Reddy on 06-11-2020.
- Dr. Shantharam Nayak delivered a talk on “Skills for Technical Paper Writing”, on Saturday, 12-12-2020.
- Dr. Shantharam Nayak attended a webinar on “Computer Organization from Industry Perspective” by Vempati Bhanu Prakash on 19-12-2020.
- Dr. Shantharam Nayak attended a webinar on “National Education Policy & Its Impacts” by Dr. O V Nandimath (NLSIU) on 30-12-2020.
- Prof. Geetha C Megharaj organized & coordinated the webinar on “Emerging Technologies & Applications”, on 10-10-2020.
- Prof. Pradeep Kumar K delivered a talk on “Project Work Flow” on Saturday, 21-11-2020.
- Prof. Amina N and Prof. Rashmi K T coordinated a Workshop on “Digital Circuits Designing & Simulating using VHDL” on Saturday, 05-12-2020.
- Prof. Pradeep Kumar K, Prof. Nagarathna C, Prof. Iranna S A, Geetha C Megharaj coordinated the 5 days Workshop on “Creative Learning using Recent Technologies—ML, Python, ThinkedCad during 17-22 Dec 2020.
- Prof. Srinidhi N N delivered talk on “Introduction to Python” on 17-12-2020 in the 5 days workshop.
- Prof. Pradeep Kumar K was the resource person for “ThinkerCad” on 21 & 22 Dec 2020 in the 5 days workshop.
- Prof. Nagarathna C was the resource person for “Machine Learning” on 17-12-2020 in the 5 days workshop.
- Prof. Lokesh H D & Prof. Shwetha S Bagali have organized & Coordinated the PTM (Online) held on 24, 25 & 26 Nov 2020.
- Prof. Sindhuja B & Prof. Sushma M organized & coordinated a webinar on “CO from Industry Perspective” on 19-12-2020.
- Prof. Geetha C Megharaj & Prof. Shwetha S Bagali & Prof. Iranna S A coordinated “7 sem Project Seminar” during 28 & 29 Dec 2020.
- Prof. Geetha C Megharaj coordinated IQAC activities from CSE Dept.
- Prof. Iranna S Amargol conducted 2 days hands on classes on “Basics of JAVA Programming” as a prerequisite during 2 & 3 Dec 2020 for 5 sem students.
- Prof. Iranna S A & Shwetha V coordinated 5 sem Technical training between 30-11-2020 to 06-12-2020.
- Prof. Pradeep Kumar K & Prof. Srinidhi N N attended a webinar on “Recent Trends & Research area in IoT” on 21-11-2020 organized by Sapthagiri College of Engineering, Bangalore.
- Prof. Lady Patel & Prof. Sindhuja Bangari presented a paper titled “Reinforcement Learning algorithm implementation on games and its Applications” International Conference ICAAICM-2020 held during 7-9 Dec 2020 at DSCE, B’lore.

Congratulations

Workshop on "Creative Learning using Recent Technologies" (Python, Machine Learning, ThinkerCad)

The Department of Computer Science & Engineering has organized 5 Days workshop with a theme "CREATIVE LEARNING USING RECENT TECHNOLOGIES" (Python, Machine Learning, ThinkerCad) during 17 to 22 December 2020. This workshop was organized for 7 sem CSE / ISE students. Following are the resource persons for the workshop:

1. **Prof. Srinidhi N N**—Asst Professor, SKIT, B'lore
2. **Prof. Gowamma G S**—Asso. Professor, DBIT, B'lore
3. **Prof. Nagarathna C**—Asst Professor, SKIT, B'lore
4. **Prof. Pradeep Kumar K**—Asst Professor, SKIT, B'lore.

Dr. Shantharam Nayak, HOD, CSE, SKIT & Prof. Geetha Megharaj effectively introduced about the overall logic behind the workshop on 3 technologies. Totally **70+ students** have attended the webinar as per the detailed session and time schedule provided. We had around 15 external participants from various other college.

Day1: Prof. Srinidhi N N & Prof. Nagarathna C, Dept. of CSE, S.K.I.T. Bangalore

Day 1 was handled by inhouse faculty, the topics which were discussed are python introduction, installation, jupyter notebook opening and how to use, syntax, execution, indentation, python variables, numbers, strings, tuples, sets, lists, dictionaries, operators, flow control, numpy: intro, creating arrays, indexing, slicing, reshape, iterate, join split, search, sort, 1 d array, 2d array, Pandas.

Dataframes: different ways of creating dataframe. Read write csv and excel files. Missing data in pandas. Matplotlib tool, Tensorflow. The session was started at 9.30AM & concluded at 01.15PM.

Day 2 & 3: Prof. Gowamma, Professor & H.O.D, Don Bosco Institute of Technology Bnagalore enriched the audience on the recent technology of machine learning with the detailed discussion on Introduction to Machine Learning, Decision Trees Algorithm, Implementation of Decision Trees Algorithm, KNN Algorithm, Implementation of KNN Algorithm, Navie Bayes, Implementation of Navie Bayes Algorithm, K mean Algorithm, Implementation of K mean Algorithm, Lab Practice Session, Project Implementation on Exploratory Data Analysis of Heart Attack Prediction using Machine Learning, Project Implementation on Heart Attack Prediction using Machine Learning Algorithms like Decision Trees Algorithm, KNN Algorithm, Navie Bayes, K mean. Student were found more interactive in ML project from GITHUB, MAT LAB, Graph Analysis etc.

Day 4 & 5: Prof. Pradeep Kumar K, Dept. of CSE, S.K.I.T. Bangalore

Day started with a technology of 3-D Designing. The students started the session with their laptop and there own design of 3 -d modelling. The detailed session for day 4 & 5 are Introduction to TinkerCAD, Creating login ID with TinkerCAD, 3D Designs using TinkerCAD, Introduction to IoT circuits using TinkerCAD & Programming using Arduino CC. the session ended on 5th day with the theme of app development for IoT Projects.

Invited Talk

A Talk on "Computer Organization from Industry Perspective" was organized for the benefit of 3 sem students of SKIT on Saturday, 19-12-2020. The Resource person was Mr. Vempati Bhanu Prakash, Digital Circuits Design Engineer, Intel. Dr. Shantharam Nayak welcomed Mr. Bhanu Prakash. Mrs. Sindhuja B introduced the speaker to the participants.

Mr. Bhanu Prakash explained about the basics of computer Hardware & Software. Ex explained memory concepts & Pipelining concept by taking simple C Program and converted it to assembly level language. He also discussed about the next generation computing technology. Total 50 students and 6 faculty members participated in this seminar. Prof. Sindhuja Bangari and Prof. Susham M from CSE department coordinated this event.



SRI KRISHNA INSTITUTE OF TECHNOLOGY
#29, Hesaraghatta Road, Chimney Hills, Chikkabanavara
P.O., Bangalore 560090
Department of Computer Science & Engineering
Organizes
WEBINAR
"Computer Organization from Industry Perspective"
19th December 2020
Time: 3:30 pm to 5:30 pm
Faculty Co-Ordinators:
Prof. B. Sindhuja, CSE
Prof. M. Sushama, CSE
Online Mode: Google Meet
Dr. Shantharam Nayak
HOD(CSE), SKIT
SPEAKER
Vempati Bhanu Prakash,
Digital Circuits Design Engineer
Intel
Dr. Manjunatha A
Principal, SKIT




REGISTRATION LINK
Registration Form Link:
<https://forms.gle/GjQ4xD6jkkZsaiz47>

JOIN VIA WHATSAPPGROUP FOR MORE INFORMATION

<https://chat.whatsapp.com/11000wvCoo7YLaQ0n81YEM>

TOPICS COVERED
PYTHON BASICS
MACHINE LEARNING
TINKERCAD
PREREQUISITES
LAPTOP/DESKTOP WITH INTERNET
& Pre-installed ANACONDA SOFTWARE
<https://www.anaconda.com/products/individual#windows>

17-22 DECEMBER 2020

ORGANIZED BY
DEPARTMENT OF
COMPUTER SCIENCE
AND ENGINEERING

ONLINE SPEAKERS
1. Prof. Gowamma G S
Associate Professor & HOD(ISE)
Don Bosco Institute of Technology
2. Pradeep Kumar
Assistant Professor, CSE, SKIT
3. Nagarathna C
Assistant Professor, CSE, SKIT
4. Srinidhi N N
Assistant Professor, CSE, SKIT

Point of Contact
Prof. Iranna S Amargol
Mob: 8431073379/9380199395

Sri Krishna Institute of Technology
Chimney Hills, No.29,
Hesaraghatta Main Road,
Chikkabanavara, Bengaluru, Karnataka
560090

COORDINATORS
1. Prof. Geetha Megharaj
Associate Professor, CSE, S.K.I.T
2. Prof. Iranna S Amargol
Assistant Professor, CSE, S.K.I.T

SRI KRISHNA INSTITUTE OF TECHNOLOGY
WORKSHOP ON
CREATIVE LEARNING USING RECENT TECHNOLOGIES

Happy & Prosperous New Year 2021

Contact: Editor, SKIPE, Department of Computer Science & Engineering,
Sri Krishna Institute of Technology, BANGALORE—560090, 080-23721315; Email: cseskit1@gmail.com