



**SAMBHRAM**  
INSTITUTE OF TECHNOLOGY

# ELITE NEWSLETTER

VOLUME:8

AUGUST 2020 - JANUARY 2021

ISSUE NO.: 13

## CHAIRMAN'S MESSAGE

The newsletter which is being rolled out today marks the launch of an effervescent activity that would enable the Management to bring out to the eyes of the competitive world, the academic achievements of our prestigious institution. Sambhram Institute of Technology has grown in leaps and bounds, hurtling across barriers along the way. This has been made possible with the collaborative effort of the Management, the Staff and the Students. I congratulate everyone for their commitment.



***Dr. V Nagaraj***  
Chairman  
Sambhram Group of Institutions.

## PRINCIPAL'S MESSAGE

It is my pleasure to congratulate the editorial board on this pleasant occasion of releasing the newsletter for the period August 2020 to January 2021. It is great to find a considerable number of winners and participants in co-curricular and extracurricular activities which certainly prove that our staff and students are adequately equipped and possess necessary quality skill-sets to bring such laurels to the institution. I wish that this number may grow in the years to come. I am sure that publishing a newsletter of this sort containing the achievements of the SaIT family will be a recognition to them. I wish them all the very best for future endeavours.



***Dr. H. G. Chandrakanth***  
Principal  
Sambhram Institute of Technology.

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## CHIEF EDITOR'S MESSAGE



**Dr. P. H. Latha**  
**Head of the Department**  
**Department of ISE**  
**Sambhram Institute of Technology.**

Dear Readers,

With great pleasure I am bringing new issue of newsletter. Technology news needs a reboot. It has many outlets to express one can be in form of newsletter. Year 2020 was most resentment we have seen due to pandemic but our little effort has not stopped from working towards new horizon. To do that we are focusing on writing for readers. we think we are underserved professional in technology and in industries being upended by it. The information provided often supported by facts. I thank The Principal, who guided in creating and publishing the newsletter issue that has been realized. We thank and hope that members of Editorial Board shall take full advantage of this service and also the encouraged to publish the Department activities, new technical, research articles from faculties and students.

## EDITORIAL BOARD MEMBERS



**Mrs. Indi Jayashree M**  
**Chief Coordinator**  
**Department of ISE.**

- **Dr. U. B. Mallikarjuna**  
 Professor & HOD  
 Dept. of Civil Engineering.
- **Dr. M. T. Swamy**  
 HOD  
 Dept. of Basic Science
- **Dr. AppajiGowda C**  
 Professor & HOD  
 Dept. of Mathematics.
- **Mr. M. V. Chakrapani**  
 Associate Professor  
 Dept. of Mechanical Engineering.
- **Mrs. Yoganandini A P**  
 Assistant Professor  
 Dept. of ECE
- **Mrs. Mallamma C G**  
 Assistant Professor  
 Dept. of CSE
- **Mrs. Rashmi Rajiv**  
 Head-Training and Placement, Central  
 Placement Cell

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering (CSE) has grown exponentially over the last few years, evolving to meet demands of the 21<sup>st</sup> century. It is the study of the theoretical foundation of information and computation of practical techniques for the implementation, an application in computer system. The program gives the students a firm footing into the intricacies of its technology such as circuits, design, structures language, processors, operating systems, database management, simulation and modeling. The engineers of computer science find themselves at a very advantageous position in the carrier field. Manufactures of computer, electronic gadgets, communication products, highly specialized processors such as in automobile, aircraft, satellite, shipping etc. requires trained computer science engineers.

### Faculty members awarded/registered for PhD under Research Centre:

- 1) Dr. Rajkumar has been awarded PhD from Computer Science and Engineering Research Centre on **“Improving Lifetime of WSN using Enhanced Distributed Algorithms with Adjustable Sensing Range”** on 5<sup>th</sup> August 2020.
- 2) Prof. Srikanth S P, has Registered for Ph.D. (PART TIME) under Bangalore university on December 1<sup>st</sup> 2020 under the guidance of Dr. LATHA. B.T Research Centre University Visvesvaraya college of Engineering.

### Research paper publications details of Research Scholars:

- 1) Prof. Akram Pasha has published the paper in one-day virtual National conference titled **“Handling uncertainty in big data: state of art”** on Recent Trends in Engineering Science & Technology, RTEST-2020 on 29<sup>th</sup> August 2020.

### Papers published/ Presented by faculties:

- 1) Dr. T. John Peter, Prof. Asha M L, published paper in Elsewear titled **“Performance Evaluation of back propogation Algorithm by change in Learning rate & momentum value”** volume 10 issue 5 ISSN 2321 3361 on February 2020.
- 2) Mr. Utsav Shrestha, Dr. T. John Peter, Ms. Shital Manandhar , Mr. Sujit Rajbanshi, and Mr. Sandeep Padal, published paper titled **“ Design for Identification of Plant Leaf Diseases using Deep Learning for Web and Mobile Platform”** in International Journal of Engineering Science and Computing Research Article Volume 10 Issue No.5 ISSN 2321 3361 © 2020 IJESC [http:// ijesc.org/](http://ijesc.org/)
- 3) Mr. Kanishk Barhanpurkar, Dr.T. John Peter, Mr. Piyush Bhatia, Mr. Saurav Raj, and Ms. Aditi Guleria, published paper titled **“Comparative Study of Sentimental Analysis for Climate Change using Machine Learning Techniques”** in International Journal of Engineering Science and Computing Research Article Volume 10 Issue No.5 ISSN 2321 3361 © 2020 IJESC [http:// ijesc.org/](http://ijesc.org/)

- 4) Dr. T. John Peter and Mr. Piyush Bhatia published paper titled “ **Data Analytics of Coronavirus(covid 19)outbreak using linear Regression**” in IJRAR November 2020, Volume 7, Issue 4 [www.ijrar.org](http://www.ijrar.org) (E-ISSN 2348-1269, P-ISSN 2349-5138).
- 5) Prof. Mallamma C G, published a patent titled “**SANTULAN: A device for Car safety**” Application number:202041053586, Publication date:18/12/2020.

### **Placements details:**

#### **1) Top Recruiters:**

Infosys, Mind tree, Cognizant, Tech Mahindra, Netty Fish, Amazon, EVOSYS, TCS, Wipro, IBM, Sonata Software, No Broker, Sasken, Denave India Pvt. Ltd.

#### **2) Number of Students placed:**

A proud moment of CSE students who got placed in the below mentioned companies:  
Amazon, 1 student is placed, 4 LPA.  
ACE Tech., 2 students are placed, 2.5 LPA.

#### **3) Highest package:**

4.0 LPA from Amazon.

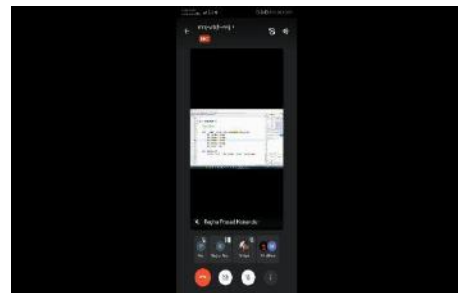
### **FDP/Workshop/Conference attended by Faculties/Students:**

- 1) All the faculties attended one-day online webinar on “**Application of Python**” on 16<sup>th</sup> October 2020
- 2) All the faculties attended one-day workshop on “**Research Database Management**” on 7<sup>th</sup> December 2020.
- 3) All the Ladies faculties attended one-day online webinar on “**Breast & Cervical Cancer Your Role in it!**” the Speaker was Mrs.Kanchan Bannerjee, Honorary secretary, Indian Cancer Society, Bangalore and Dr. Cethana T, Manager-Cancer Screening(Medical), Indian Cancer Society, Bangalore on 23<sup>rd</sup> October 2020.
- 4) All the faculties attended one-day online webinar on “**IOT**” the Speaker was Mr. Sanjeev Banzal, Advisor, TRAI, New Delhi, on 20<sup>th</sup> November 2020.
- 5) Prof. Srikanth S P, attended five days ATAL FDP on “**WEARABLE DEVICES**” from January 18<sup>th</sup> to 22<sup>nd</sup> 2021, under the auspices of UVCE Bangalore.
- 6) Prof. Srikanth S P, attended one-day national Level Webinar on ATAL FDP on “**Future of Higher Education in India Turning Challenges in to Opportunities**” organized by BMS Institute of Technology and Management, Bangalore, on 25<sup>th</sup> September 2020, under the auspices of UVCE Bangalore.
- 7) Prof. Srikanth S P and Prof. Rajaraman G, attended one-day Webinar on “**IOT-ITS APPLICATIONS & SMART CITIES & DATA SCIENCE PROJECT ARCHITECTURE WITH PIPELINES**” organized by Sambhram Institute of Technology in association with IETE, on 27<sup>th</sup> November 2020.
- 8) Prof. Mallamma C G, Prof. Raghav M S, Prof. Vidyashree N S, Prof. Earanna, and Prof. Asha M L attended one-day Webinar on “**IOT Landscape-Opportunities and Challenges**” conducted by Department of MCA, NMIT, Bangalore on 30<sup>th</sup> November 2020.
- 9) Prof. Mallamma C G, attended one day Workshop on “**Workshop on IOT Tools**” conducted by Department of CSE,Acharya Institute of Technology, Bangalore on 12<sup>th</sup> December 2020.
- 10) Prof. Mallamma C G, attended online webinar on “**National Education Policy**” conducted by Department of MCA, Nitte Meenakshi Institute of Technology, Bangalore held on 17 December 2020.

- 11) Prof. Asha M L, attended one-day online webinar on **“Aws cloud services”** conducted by Department of CSE, UVCE, Bangalore held on 14<sup>th</sup> August 2020.
- 12) Prof. Asha M L, attended one-day online webinar on **“Mathematical Modeling of COVID-19 cases in India to Assist supply chain management”** conducted by Department of CSE, UVCE, Bangalore held on 13<sup>th</sup> August 2020.
- 13) Prof. Asha M L, attended one-day online webinar on **“Noninvasive Cancer Detection Theory Artificial Intelligence”** conducted by Department of CSE, UVCE, Bangalore held on 12<sup>th</sup> August 2020.
- 14) All the students of 5<sup>th</sup> semester attended one week ISRO online course on **“72-Basics of Geocomputation and Geoweb Services”** from 19<sup>th</sup> October to 29<sup>th</sup> October 2020.the Speaker of the course was Dr.Harish C ,Karnataka,Head GIT & DL dept..
- 15) Mr.Pavan H from 5<sup>th</sup> Sem has completed course on **“how to build Chatbots”** and **“Python for data science”** from IBM and received certificate and Badge.
- 16) Mr.Pavan H of 5<sup>th</sup> Sem has completed course on **“All soft skills & overview of Artificial intelligence”** from TCS &
- 17) Ms. Shruthi. K from 5<sup>th</sup> Semester has Certified in **“data science”** workshop conducted by Ethical Edu fabrica pvt. Ltd on October 2020.
- 18) Ms. Shruthi. K from 5<sup>th</sup> Semester has attended two days’ workshop on **“Robotics”** conducted by Zp robocamp at Sambhram Institute of technology on October 2020.
- 19) Mr. Sagar D Chitragar from 5<sup>th</sup> Semester has Certified One Month Internship on **“java and advanced java”** with a project by TIE conducted by IC solutions from 10<sup>th</sup> September 2020 to 11<sup>th</sup> October 2020.
- 20) Mr. Sagar D Chitragar from 5<sup>th</sup> Semester has Certified in **“Microsoft technology associate-introduction to programming using Java Script”** conducted by Microsoft on 9<sup>th</sup> Oct 2020.
- 21) All the students from 5<sup>th</sup> semester have attended one week ISRO online course on **“RS & GIS Application”** from 05<sup>th</sup> November to 20<sup>th</sup> November 2020.the Speaker of the course was Dr.P.K.C Ray, Dr.S.K. Chatterjee, Dr. D. Mitra & Dr.S.K. Srivastav.

### Workshop/Tech talk/Seminar programs Conducted:

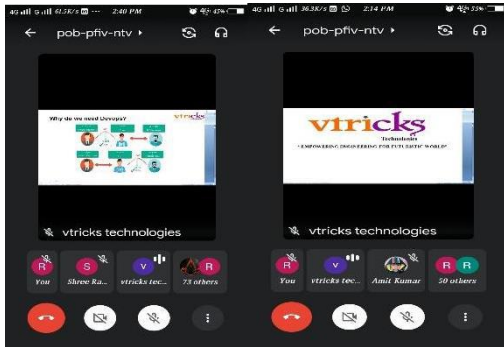
- 1) Conducted One-day online webinar on **“Application of PYTHON”** by Mr. Raghu Prasad Konandur, CEO, Kaushalya Technical Training and Consultancy Services for 5<sup>th</sup> sem students on 16<sup>th</sup> October 2020.



- 2) Conducted One-day online webinar on **“IOT Its Applications and Smart Cities”** by Prof. Prakash A, Associate Professor, Department of CSE, SVCE Bangalore for 7<sup>th</sup> sem students on 27<sup>th</sup> November 2020.



- 3) Conducted One-day online webinar on “**Data Science Projects Architecture with Pipelines**” by Vinay M Haritsa, Data Science Engineer & Data Science Consultant, i-Wave Solutions/Processware Systems, Bangalore for 7<sup>th</sup> sem students on 27<sup>th</sup> November 2020.



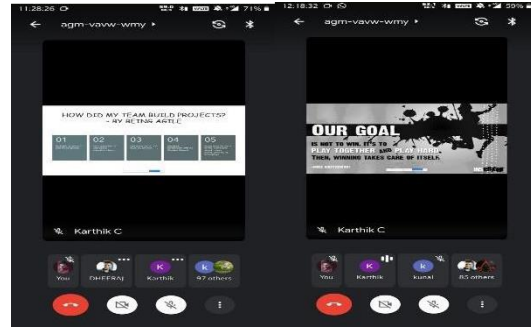
- 4) Conducted Four days online FDP on “**Deep Learning**” by Aman Upadhyay, by ATS Technologies, in association with Microsoft, New Delhi on 7<sup>th</sup> to 10<sup>th</sup> December 2020.



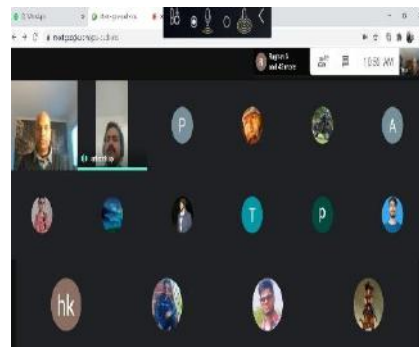
- 5) Conducted One-day online Webinar on “**Database Application Development**” by Dr, Ramsatish K V, Prof Department of CSE, RNSIT College of Engineering Bangalore on 7<sup>th</sup> December 2020.



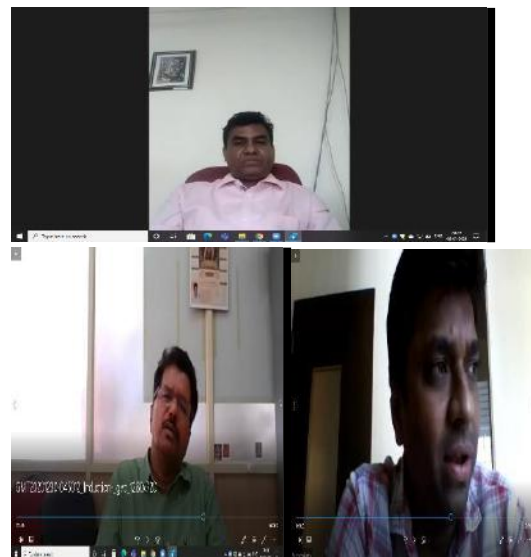
- 6) Conducted Two days online Webinar on “**Data Analytics Using R**” by Dr, Vinutha D C, Prof and Head Department CSE, Vidya Vardhaka College of Engineering Mysuru on 14<sup>th</sup> to 15<sup>th</sup> December 2020.



- 7) Conducted one day online Webinar on “**Life at a Product based company**” by Mr.Karthik, Associate Engineer (R&D), Aptean, Bangalore. on 18<sup>th</sup> December 2020.



- 8) Conducted one day online Webinar on “**Architecting IT solutions for Large Enterprises**” by Mr.Manuel Kanthraj, Solutions Architect Scania, Stockholm, Sweden on 22<sup>nd</sup> December 2020.



- 9) Organized online “**Student Orientation Program**” for first year students on 30<sup>th</sup> December 2020.

**Achievements of students in Extra-curricular activities:**

- 1) Mr. Arun Shekar from 5<sup>th</sup> sem have participated in the National level “**Tech Quiz**” on Data Structures, Operating System and C++ Organized by Jain University Bangalore on 18<sup>th</sup> August 2020.
- 2) Mr. N Virupaksha Reddy from 5<sup>th</sup> sem have got second prize in Ideal Women quiz contest organized by Ramakrishna Math,Hyderbad.
- 3) Ms. Vidyashree A from 5<sup>th</sup> sem have got second prize in Essay Writing Competition held by B.E.L.
- 4) Mr.Rishav Kumar & Mr.Naveen B N from 5<sup>th</sup> sem are Certified in javascript
- 5) 14 Project batches of final year students have been applied for project proposal to KSCST.

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

**PhD Registered:**

- 1) Prof-Yoganandini.A.P(Comprehensive Viva Finished).
- 2) Prof.- Trupti (Coursework Completed)
- 3) Prof.-Sowndeswari(Coursework Completed)
- 4) Prof.-Manjula.G.Hegde (Coursework Completed)
- 5) Prof.- Shilpa.C (Coursework Completed)
- 6) Prof.- Sudha.J (Coursework- two subject completed).

**Paper Publications:**

- 1) Prof- Khameer Unnissa published paper on “Review on implementation of snake Locomotion in Robot” volume-5 issues-**OJjan2021** international Journal of scientific Research in engineering and management.

**Webinars/Tech Talk/Seminar conducted:**

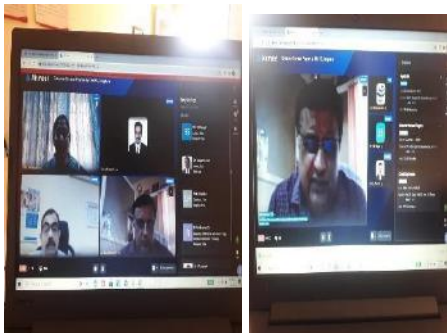
- 1) ECE department in association with **ISTE-SaIT student chapter** conducted webinar on **World Breast Cancer Awareness program** in Association with **Indian Cancer society Bengaluru(ICS)** and women cell-SaIT on 23-10-2020 from 11AM to 12.30PM. About 100 participants (girl’s students and women faculties) attended the program. Our Resource Person Dr. Chethna.T, Manager Cancer screening, ICS Bengaluru, Karnataka. Dr.C.V. Ravi Shankar, HOD, ECE Dept. hosted the program and Dr. Latha.P.H, HOD, ISE Dept. and women cell in charge SaIT attended the program.



- 2) ECE department in association with **ISTE-SaIT student chapter** conducted workshop on “**Open source software and its uses**” and “**How to create your own website**” on 2-11-2020 and 5/11/2020 from 10.30AM to 12.30PM. About 100 participants attended the program. Dr.C.V.Ravishankar, HOD, ECE Dept hosted the program. Resource Person Dr. Ezilarasan Professor ECE department and Faculty advisor IEEE SIGHT, SaIT.

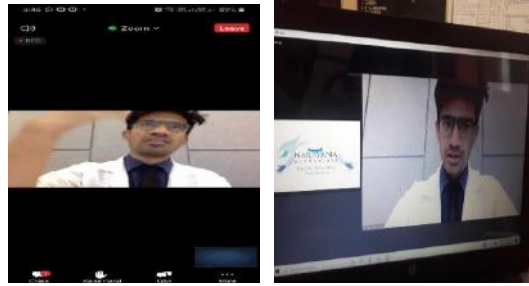


- 3) ECE department in association with **IEEE-SaIT student chapter** conducted webinar on **Consumer outreach program &IOT** in Association with TRAI on 20-11-2020 from 10.30AM to 12.30PM. About 300 participants attended the program. Dr.C.V. Ravishankar, HOD, ECE Dept. hosted the program. Resource Person Sanjeev Banzal, Advisor TRAI (Telecom Regulatory Authority of India) New Delhi, explained very clearly on Network Issues, how hacking happening &Application on IOT related. S.S. Galagali also given talk on IOT and H.C.Latha, consultant TRAI also given talk on related TRAI Dr.A.R Ashwath,HOD,ECE, Dayanand Sagar college of Engineering given Introduction about the webinar.



- 4) ECE Department in association with **IEEE-SaIT student chapter** conducted webinar on **“YOUR EYES DURING COVID AND BEYOND”** on 23/12/2020 from 2.30PM to 3.30PM. More than 300 participants attended the program. Dr.C.V.Ravishankar, HOD, ECE Dept hosted the program. Resource Person Dr. Hardik Nanavati Narayana

Netralaya Bangalore.



- 5) ECE department in association with **IETE-SaIT student chapter**, conducted **“Mini project competition”** on 13/01/2021 for all 3<sup>rd</sup> and 5<sup>th</sup> sem students. More than 100 students participated. Dr.C.V. Ravishankar HOD, ECE Dept., Dr. Rangaswamy and Dr. Ezilarasan are judged the project and announced the I, II, and III prizes.



- 6) ECE department conducted online farewell for final year students on 10/9/2020. chief guest- Dr. Binoy Mathew Director, VTU-CPC, Dr. Baswaraj Gadgay Regional Director, VTU RO, Gulbarga. GC Member – IETE,India, Shri. Punith Kumar Mishra Chair, IEEE Bangalore Section, Secretary, IEEE India Council, Dr. Nagaraj V Chairman, Sambhram Group, Dr. H G Chandrakanth Principal – SaIT.





### **Students Participation and Achievements:**

- 1) Final year Students attended ISRO online course from 2 -20 November 2020.
- 2) Final year students attended on line webinar on Carrier opportunities related to data science on 10/10/2020 conducted by IETE student's chapter SaIT.
- 3) Final year students attended on line webinar on 5G protocol stack design and implementation by IIT Patna on 29/9/2020.
- 4) Final year students attended on line webinar on Carrier choice dilemma- data science on 10/10/2020.
- 5) Final year students attended on line Interaction with senior students for the selection of final year projects on 12/10/2020.
- 6) Final year students attended online webinar Ethical hacking on 15/10/2020 conducted form past out students.
- 7) Final year students attended online two days training program on Image Processing Techniques using MAT Lab on 6-7-11 2020 conducted at CMRIT.
- 8) Students attended Social Innovation challenge for undergraduate students on 15/1/2021 conducted by ITSC with Keiouunitary.
- 9) Students attended webinar on 5G on 20/11/2020 conducted from TRAI.
- 2) Selected as BOE Member for EC/TC Board of VTU for the academic year 2020-21.
- 3) SaIT Student Induction Program Talk as a Resource person 29-12-2020 on Universal Human Values.
- 4) Three Days FDP-Recent Trends in Wireless communication Technologies, at Bangalore Institute of Technology sponsored by IMAPS India, as a Resource person, Talk on "Cyber Security Issues –Present & Future", on 3-8-2020.
- 5) Live Webinar Hosted by Department of Mechatronics, Acharya Institute of Technology, Topic – "Application of IOT in Automation & Industry ", on 22-12-2021.
- 6) Session talk on "Latest Display Screen Technologies "on 26-12-2020 at Global IT commune – DDX Driving Digital Transformation.
- 7) Panel Coordinator for panel discussion on Latest Technologies, on 26-12-2020 at Global IT commune – DDX Driving Digital Transformation powered by UNIKEN.
- 8) Talk on "Future trends of IOT "at TRAI Webinar on 20-11-2020.
- 9) Session Talk on "Data cost issue of Private Internet Service providers of India & its effect on customers "on 28-12-2020 conducted by EGIGFA (E- Governance & Internet Governance Foundation for Africa)- Bimonthly Webinar Series on "Data Cost & its effect on Personal finance-Pre & post Covid-19.
- 10) Participated in One Day Entrepreneurship Panel Discussion & gave talk on "Students as Entrepreneurs" in EWB –NCU Gurugram, New Delhi, on 05-01-2021.

### **Webinars Attended by the HOD, Faculties and their Achievements :**

#### **Dr. C.V. Ravishankar**

- 1) Elected as Vice Chairman, IETE – Bangalore section for Two years Term2020-2022.

#### **Dr. Rangaswamy**

- 1) Attended webinar on Cyber security conducted at Air meet on 21/9/20.

- 2) Attended webinar on an Introduction to Machine Learning conducted at Oracle on 9/6/2020.
- 3) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram institute of technology in Association with Narayana Netralaya on 12/23/2020.
- 4) Attended webinar Webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020.
- 2) Attended Webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020
- 3) Attended Webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020
- 4) Attended webinar on International Webinar on Block Chain Technology conducted at SJCIT, Chikkaballapur on 8/11/2020.

**Dr. Ezhilarasan K.**

- 1) Attended One-day workshop on E-sim, conducted at IIT Bombay on 21/09/2019.
- 2) Attended One day IEEE Conference Organizers Education Workshop conducted at IEEE Bangalore on 19/10/2019.
- 3) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 12/23/2020.
- 4) Attended webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020.
- 5) Attended FDP on Challenges in Building Collaborations in research and innovation conducted at Dr. MGR Educational and Research on 11/5/2020.
- 5) Attended webinar on Innovative teaching learning methodologies conducted at SJBIT, Bangalore on 8/20/2020.
- 6) Attended Future of higher education in India- Turning Challenges into opportunities conducted BMSIT, Bangalore on 9/25/2020.
- 7) Attended Webinar series on Satellite & Automation (3 Days) conducted at GSSIT, Mysore on 5/11/2020.

**Prof. Kumbhar Trupti**

- 1) Attended webinar Your Eyes during Covid and Beyond conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 12/23/2020.
- 2) Attended webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020.
- 3) Attended webinar Webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020.
- 4) Attended webinar Deep learning (4 days FDP) conducted at Sambhram Institute of Technology on 12/7/2020
- 5) Attended webinar Universal Human Value (5 days FDP) conducted at AICTE on 10/26/2020.

**Prof. S. Sowndeswari**

- 1) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram institute of technology in Association with Narayana Netralaya on 12/23/2020.

- 6) Attended webinar on Cyber Crime: Prevention & Detection conducted at VTU Women Cell on 12/15/2020.
- 7) Attended webinar UAV, 5G for advanced satellite communications/Non terrestrial communication conducted at Vidhya Sangha Technologies on 9/27/2020.

### **Prof. Anupama**

- 1) Attended webinar How to adopt a united nation sustainable goals in your project conducted at Anveshana- Agastya International Foundation on 9/7/2020.
- 2) Attended webinar How to adopt a united nation sustainable goals in your project conducted Anveshana- Agastya International Foundation 9/7/2020.
- 3) Attended webinar Cyber security conducted Regional Office, TRAI, Bangalore on 9/21/2020.
- 4) Attended webinar Your Eyes during Covid and Beyond conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 12/23/2020.
- 5) Attended Webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020.
- 6) Attended webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020.
- 7) Attended webinar on UAV ,5G for advanced satellite communications/Non terrestrial communication conducted at Vidhya Sangha Technologies on 9/27/2020.
- 8) Attended webinar on Bhashantara-The era of Indic-Internet & Language Tech. Conducted at FICCI on 12/1/2020.

### **Prof. Yoganandini A.P.**

- 1) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 12/23/2020.
- 2) Attended webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020
- 3) Attended webinar Deep learning (4 days FDP) conducted at Sambhram Institute of Technology on 12/7/2020
- 4) Attended webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020.
- 5) Attended Webinar on National Educational Policy by Dr. K. Sridhar conducted at BMSIT Bangalore on 25/9/2020.
- 6) Attended webinar on heart fullness program for the first year students on 28/12/2020. given talk on ECE department and introduction to Electrical subject.
- 7) Attended webinar on Attended Covid19 awareness quiz KLE College of Engineering on 8/28/2020.

### **Prof. Anupama Hongal**

- 1) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 12/23/2020.
- 2) Attended Webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020
- 3) Attended Webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020

4) Attended webinar on Cyber security conducted at Airmeet on 21/9/20 Image recognition using tensor flow conducted Intel on 9/24/2020.

### **Prof. Maniula G Hedge**

1) Attended webinar on Image recognition using tensor flow conducted Intel on 9/24/2020.

2) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 12/23/2020.

3) Attended Webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020.

4) Attended Webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020.

5) Attended webinar on Cyber security conducted at Airmeet on 21/9/20.

6) Attended webinar on Intelligent quotient, emotional quotient and spiritual quotient conducted Iscon Mysore on 9/3/2020.

7) Attended 4 days FDP on Deep learning conducted at Sambhram Institute of Technology on 12/7/2020.

### **Prof. Sudha J**

1) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram institute of technology in Association with Narayana Netralaya on 12/23/2020.

2) Attended Webinar on IOT in Association with TRAIN, Bangalore conducted at SaIT on 20/11/2020.

3) Attended Webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020.

4) Attended webinar on conducted program introduction to ECE department and Related electronics subject on 30/12/2020.

### **Prof. Khameer Unnisa**

1) Attended webinar on Universal Human Value (5 days FDP) conducted at AICTE on 10/26/2020.

2) Attended webinar on Your Eyes during Covid and Beyond conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 12/23/2020.

3) Attended Webinar on IOT in Association with TRAIN, Bangalore conducted at Sambhram Institute of Technology on 20/11/2020.

4) Attended Webinar on Breast & Cervical Cancer-Your role in it Conducted at Sambhram Institute of Technology on 10/23/2020.

### **IEEE Activities:**

1) IEEE –SIGHT Week celebrated on 5-12-2020.

### **Projects:**

1) Student Project funded by Anveshana project competition: “**Milk Adulterometer**” by Priya.M and group under the guidance of Prof. **Dr. Ezilarasan**.

2) ” **Covid-19 surakshabus sanchar**” by Bharat. S. L and group under the guidance of **prof. Anupama**

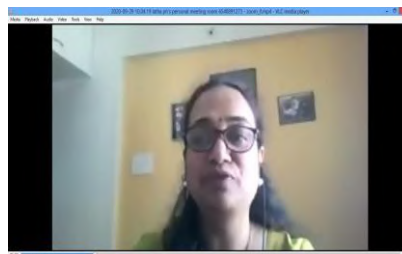
## DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

### Workshop/FDP/Tech Talk Conducted:

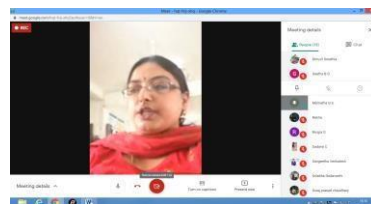
- 1) Conducted a one-day virtual webinar on “**An Introduction to Blockchain –know how blockchain is changing your world**”, by Resource Person Mr. Raj Kapoor, BlocksEdu, India Blockchain Alliance on 26<sup>th</sup> November 2020.



- 2) Conducted a One-day virtual National Conference on “**Recent Trends in Engineering Science and Technology**” (RTEST-2020) was organized by the Department of Information Science and Engineering, Sambhram Institute of Technology in association with Indian Society for Technical Education (ISTE) on **29<sup>th</sup> September 2020** at **9:30 AM** onwards. It was Sponsored by **QuenTech Origin** and **Implyfree Solutions Private Limited** and a keynote speaker was Dr. Bharathi S Ainapure.



- 3) Conducted two days' virtual webinar on “**AI Based Cyber Security & IOT with Cloud Visualization**” by a Resource Persons Dr. G S Mamatha and Prof. Priya D, Department of Information Science and Engineering, RVCE, Bengaluru on 12<sup>th</sup> and 20<sup>th</sup> October 2020.



- 4) Conducted a one-day virtual webinar on “**Ways of Securing AICTE Activity points for Engineering Students**” by Mr. Harsha from LGS Trust, Bengaluru on 22-01-2021.



## FDP/Workshop/Tech Talk/SDP

### Attended:

#### Dr. P. H. Latha

- 1) Attended webinar on “**Your Eyes during Covid and Beyond**” conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 23<sup>rd</sup> December 2020.
- 2) Attended webinar on “**AI Based Cyber Security & IOT with Cloud Visualization**” (2 Days), Bangalore conducted at Sambhram Institute of Technology on 12<sup>th</sup> and 20<sup>th</sup> October 2020.
- 3) Attended webinar on “**Breast & Cervical Cancer-Your role in it**” Conducted at Sambhram Institute of Technology on 23<sup>rd</sup> October 2020.
- 4) Attended online workshop on Universal Human Value on the theme “**Inculcating Universal Human Values in Technical Education**” during 14-18 December, 2020 organized by **All India Council for Technical Education(AICTE)**.

#### Prof. Indi Javashree M

- 1) Attended webinar on “**Your Eyes during Covid and Beyond**” conducted at Sambhram Institute of Technology in Association with Narayana Netralaya on 23<sup>rd</sup> December 2020.
- 2) Attended webinar on “**AI Based Cyber Security & IOT with Cloud Visualization**” (2 Days), Bangalore conducted at Sambhram Institute of Technology on 12<sup>th</sup> and 20<sup>th</sup> October 2020.
- 3) Attended webinar on “**Deep learning**” (4 days FDP) conducted at Sambhram Institute of Technology from 07<sup>th</sup> to 10<sup>th</sup> December 2020.

- 4) ttended webinar on “**Breast &**

**Cervical Cancer-Your role in it**  
Conducted at Sambhram Institute of Technology on 23<sup>rd</sup> October 2020.

- 5) Attended online workshop on Universal Human Value on the theme “**Inculcating Universal Human Values in Technical Education**” during 14<sup>th</sup> -18<sup>th</sup> December, 2020 organized by **All India Council for Technical Education(AICTE)**.

### Research paper publications details of Research Scholars:

- 1) Dr. P. H. Latha, Mr. Akram pasha submitted the IEEE paper titled “Handling Uncertainty in Big Data” on 17-08-2020.
- 2) Dr. P. H. Latha and Mrs. Manjula Nebagiri paper titled “An efficient optimal load balancing algorithm for distributed file system in cloud computing based on hybrid heuristic-metaheuristic technique” has been ACCEPTED with content unaltered to publish with International Journal of Advanced Science and Technology.

### Placements details:

#### **Top Recruiters:**

Infosys, Mind tree, Cognizant, Tech Mahindra, Netty Fish, Amazon, EVOSYS, TCS, Wipro, IBM, Sonata Software, No Broker, Sasken, Denave India Pvt. Ltd.

#### **Number of Students placed:**

ISE students got placed in the below mentioned companies:

Cognizant, 1 student is placed, 4 LPA.

**DEPARTMENT OF MECHANICAL  
ENGINEERING**

**Research Paper Publications Details:**

**Dr. P Sampathkumaran**

- 1) Published a paper titled “Copper Nickel Alloys made using Direct Metal Laser Sintering Method for Assessing Corrosion Resistance Properties” authored by R.Rajesh, Mithun V Kulkarni, Bincy Rose Vergis, P. Sampathkumaran and S. Seetharamu, Conference on Accelerating Innovations in Materials Science, (AIMS2020), Organized by BMSIT & M, Bangalore, Under print in Materials Letters Proceedings Journal, Elsevier Publications, 2020.
- 2) Published a paper titled “Tribological Response of Polycarbonate and Acrylonitrile Butadiene Styrene Blends Containing Fixed Amounts of Kevlar Fibre and Molybdenum Disulphide with Varying Quantities of Betel Nut Powder” is accepted and under print in the Journal of Polymers & Polymer Composites, Sage Publications.

**FDP/SDP/ Conference /Workshop Programs Attended:**

**Prof. Jagadeesh H**

- 1) Attended One week AICTE Sponsored Short Term Training Program titled “Advanced Manufacturing Techniques for Medical and Precision Engineering”, organized by Department of Mechanical Engineering in association with IIC & IQAC, MVJ College of Engineering Bengaluru, from 04<sup>th</sup> -09<sup>th</sup> Jan 2021.
- 2) Successfully Co-Ordinated the virtual Webinar Organized by Department of Mechanical Engineering, Sambhram Institute of Technology, Bengaluru-97 in association with ProSIM R&D Pvt. Ltd., Bengaluru, on the topic "Modelling and Simulation using FEA - Applications in Industry" held on 17<sup>th</sup> - 19<sup>th</sup> Dec 2020.

- 3) Attended a Five Day online Faculty Development Program titled “Advanced Materials and Manufacturing for Industry 4.0”, organized by Department of Mechanical Engineering in association with THE INSTITUTION OF ENGINEERS AND WELDING SOCIETY, MVJ College of Engineering Bengaluru, from 22 – 26 September 2020.
- 4) Attended Five Day Virtual Faculty Development programme on “Materials Processing & Characterization: Current Perspectives” organized by Industry Institute Interaction Cell, Department of Mechanical Engineering, BIT, Bengaluru in association with Indian Welding Society, during 31<sup>st</sup> August to 4<sup>th</sup> September 2020.
- 5) A one week AICTE Sponsored STTP on “Nanotechnology and Functional Materials (NTFM-Phase-II)” held from 17-08-2020 to 22-08-2020, through online mode, organized Department of Mechanical Engineering, S V College of Engineering, Tirupati, Andhra Pradesh, 517507.

**Prof. B V Padmini**

- 1) Attended One-day webinar on “Additive Manufacturing, 3D Printing” August 8<sup>th</sup> 2020: JSS science and Tech. University, Mysore.
- 2) Attended Online International Conference “International Tribology Research Symposium” 5<sup>th</sup> -7<sup>th</sup> Nov 2020, Bengaluru, organized by Tribology Society of India.

**Guest Lecture/ TechnicalTalk/Webinar/ Seminar Conducted:**

- 1) **Dr. P Sampathkumaran** delivered a Webinar lecture on the topic “Failure studies of Engineering components involving Residual Stress Analysis” organized by the School of Automotive and Mechanical Engineering, Kalasalingam University, TN.

- 2) Dr. P Sampathkumaran delivered a Webinar lecture on the topic “Implications of Residual Stress in Engineering Parts” organized by Oxford Institute of Technology, Bangalore.
- 3) Dr. P Sampathkumaran delivered a Webinar lecture on the topic “Implications of Residual Stress in Engineering Parts” organized by Oxford Institute of Technology, Bangalore.
- 4) A Webinar was conducted on the title “Modelling and simulation using FEA – Applications in industry” for Mechanical Sciences on 17<sup>th</sup>, 18<sup>th</sup>, & 19<sup>th</sup> of December 2020 in association with “ProSIM private limited”.
- 5) A Webinar was conducted on the title “Ceramic Technology as applied to Mechanical and Material Sciences” for Mechanical Sciences on 21<sup>st</sup> November 2020 in association with “Indian Ceramic Society –Karnataka Chapter”.
- 6) A Guest Lecture was delivered on the topic “Advanced solar collectors”, by Mr, Shashi kumar C S, R&D Consultant and Mr. Sridhar Deshpande, NE Innovator on 14<sup>th</sup> October 2020.
- 7) A Guest Lecture was delivered on the topic “Awareness on Modelling & simulation”, by Mr. G R Nayak, Head, sales & operations, RECS Technologies on 09<sup>th</sup> November 2020.
- 8) A Guest Lecture was delivered on the topic “Welding Technologies”, by V P Raghupathy, Professor[Retired], PESIT, Bengaluru on 12<sup>th</sup> December 2020.
- 9) A Guest Lecture was delivered on the topic “Drone/UAV”, by Mr. K V Srinivasan, Scientist G, Emeritus Scientist, DRDO, Bengaluru on 15<sup>th</sup> December 2020.

- 10) A Guest Lecture was delivered on the topic “Phase diagrams & iron carbon diagrams”, by Dr. P. Raghotham Rao, Retired Scientist, DRDO, Bengaluru on 31-12-2020.

### **NSS Activity:**

National voter’s day conducted at Mechanical seminar hall on 25-01-2021 organized by NSS Program Officer Dr. B B Manjunath.

### **Achievements of Staff/Students:**

#### **Dr. P. Sampathkumaran**

- 1) Participated as an External Expert Committee Member in Connection with the Promotional Interview of Sc/Eng. from E to F at UR Rao Satellite Centre, ISRO on Two Occasions.
- 2) A manuscript titled “Influence of processing conditions on microstructural, mechanical and tribological properties of graphene nano-platelet reinforced UHMWPE” has been reviewed and sent to the publisher for the Journal of the Mechanical Behavior of Biomedical Materials, Elsevier Publications.
- 3) The paper titled “Evaluation of Fracture Toughness of Permanent Moulded Austempered Ductile Iron (PMADI) Using Single Edge Notched Bending (SENB) Specimens” received from JMES, Morocco has been reviewed and sent.



## DEPARTMENT OF CIVIL ENGINEERING

### FDP/SDP/Conference/Workshop/Programs attended by faculty:

- 1) Mr. Vasantha D, Assistant Professor has attended three-day FDP on “Advancement in Civil Engineering” organized by RRIT, Bengaluru, held on 2<sup>nd</sup> Dec. to 4<sup>th</sup> Dec. 2020.
- 2) Mr. Vasantha D, Assistant Professor has attended three-day FDP on “Smart city innovations using Science & Tech” organized by MSRIT Bengaluru, held on 5<sup>nd</sup> August to 7<sup>th</sup> August 2020.
- 3) Mrs. Monica M S attended Webinar on “Smart and sustainable cities in India. Issues and Challenges”, organized by JSSATE, Bengaluru in Assoc. with ICI-Bengaluru Chapter on 18<sup>th</sup> September 2020.
- 4) Mrs. Monica M S attended Webinar on “Flexible pavement construction & Quality control”, organized by BGMIT, CED, Mudhol on 3<sup>rd</sup> October 2020.

### Paper Publications by Faculty:

- 1) Mr. Vasantha, D., Assistant Prof. published research paper titled “The Influence of Infill Masonry wall in RC Frames subjected to Seismic Load for sustainable structures. IOP conference series: Material Science and Engineering 955 (2020) 012024.

### HOD/Faculty Achievements:

- 1) Dr. U. B. Mallikarjuna, Professor & HoD delivered two invited talks on Natural Disaster Management: An Engineering (Geology) perspective in the workshop held in Academic Staff College, Bangalore University, on 22<sup>nd</sup> December, 2020.

- 2) Dr. U. B. Mallikarjuna attended BoE Meeting (UVCE, Bangalore University) on 22<sup>nd</sup> January, 2021 at Bangalore University.

### Faculty awarded/registered for PhD:

- 1) Mr. Naveen N pursuing PhD from VTU and Waiting for results of course work.
- 2) Mrs. Akshata A Mulgund pursuing PhD from VTU and Waiting for comprehensive viva – voce.

## DEPARTMENT OF BASIC SCIENCE

### DEPARTMENT OF MATHEMATICS

#### Dr. APPAJIGOWDA C

- 1) Attended webinar on Domination in graphs & its applications organized by department of Basic Science Sri Venkateshwara College of Engineering Bengaluru on 20/12/2020.
- 2) Attended 5 days online Workshop “Incorporating Universal Human Values in Technical Education – An AICTE Initiative” on 8-12 March 2021.

#### Mr. VENKATESHLM G

- 1) Attended webinar on Srinivasan Ramanujan – life achievements & Impact on Modern world of science & Technology from 22/12/2020 to 24/12/2020.
- 2) Participated in Mathematics India week celebration Mega online quiz (Mathematics Champion League) on 18th December 20 at Rathinam college of arts and science, Coimbatore.

- 3) Attended National Level webinar on Design in thinking A5 step process & Intellectual Property Rights by Innovation Ambassador's organizes by Vivekananda Institute of Technology on 26/12/2020.
- 4) Participated Webinar on Domination in graphs & its applications organized by department of Basic Science Sri Venkateshwara College of Engineering Bengaluru on 20/12/2020.
- 5) Attended 5 days online Workshop "Incorporating Universal Human Values in Technical Education – An AICTE Initiative" on 8-12 March 2021.

**Mr. H N NANJUNDA SWAMY**

- 1) Participated in a 5 day – Faculty development program in "Intellectual property rights and contributions of academia towards innovation" On 15<sup>th</sup> -19<sup>th</sup> December 2020 at Mysore
- 2) Participated in Mathematics India week celebration Mega online quiz (Mathematics Champion League) on 18/12/20 at Rathinam college of arts and science, Coimbatore

**DEPARTMENT OF PHYSICS**

**Ms. KAVYASHREE V**

- 1) Attended National Level webinar on Design in thinking: A 5 step process & Intellectual Property Rights by Innovation Ambassador's organizes by Vivekananda Institute of Technology on 26 December 2020.

