

JAN 2021



MISSION

- M1: To enable learning in emerging technologies adopting innovative methods.
- M2: To enhance ability, cultivate collaboration to bring change in building students approach towards society.
- M3: To make available platform for harnessing entrepreneurial and leadership qualities.
- M4: To partner continuously with industry to inculcate practical knowledge.

VISION

To be a potential quality source of expert computer engineers, addressing the requirements of industry and civic demands at large.

SRI G. DAYANAND, CHAIRMAN



The “COMPU NET - The Information Hub” newsletter of the department of Computer Science & Engineering is providing great space for the students and faculty to pen down their innovative ideas, imagination and perceptions to showcase creativity. So, I take the opportunity to congratulate the Department of CSE and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating.

SRI G. D. MANOJ, EXECUTIVE DIRECTOR

I am indeed happy to share that department of Computer Science & Engineering is having its monthly newsletter “COMPU NET - The Information Hub”. I personally urge all faculty members and students of the department to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and interesting facts. I congratulate the team of Computer Science & Engineering editorial committee.



PRINCIPAL'S DESK



It gives me immense pleasure to note that, SCE has been publishing bi-annual newsletter and I am sure, this will provide an opportunity for the faculty and students to share their knowledge and beacon the information about various issues and activities that are being taking place in the department. I look forward for more activities and achievements for the department to march towards excellence in the future. I would like to thank all teaching, supporting staff and our beloved students for their active participation in publishing this magazine. My special compliments and congratulation to the editorial team of the department for their consistent effort in publishing this newsletter.

DR. M H ANNAIAH, VICE-PRINCIPAL



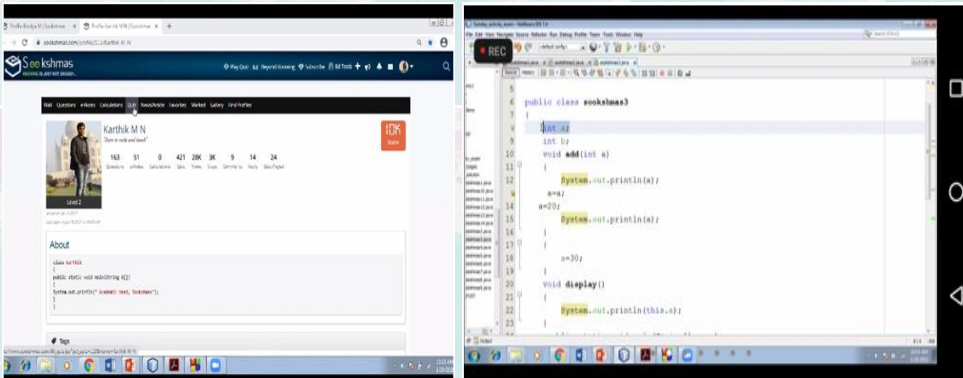
I am very happy and delighted to know that our college is bringing out the college newsletter. SCE is one of the leading premier engineering colleges in the country offering quality technical education to students thereby enabling them to become globally acceptable engineers in their domains. The newsletter provides a platform for both faculty and students to showcase their achievements and hidden talents. I congratulate our beloved principal and members of editorial board for bringing out this excellent and informative newsletter on time.

HOD'S DESK



The Computer Science & Engineering Department was established in the year 2001 with an intake of 60 students and the current intake is 120 students. The department also runs a Post-Graduate program in Computer Science & Engineering and an established Research Centre in 2013, affiliated to VTU Belagavi. The department aims to produce engineering graduates with adequate theoretical and practical knowledge in the area of computer science so as to make them capable of design, implementation, development and maintenance of high-quality software products meeting industry standards. I am very proud to express that our department is coming out with a new venture that is a newsletter to share various events and thoughts happened.

WEBINAR ON IMPORTANCE OF SELF LEARNING



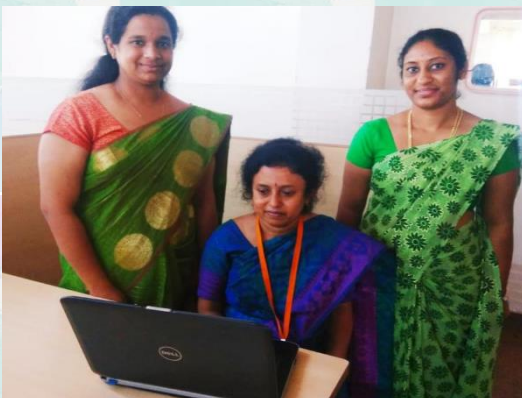
Department of Computer Science and Engineering organized a Webinar on “Importance of Self- Learning and Technical Aptitude” in association with Sookshmas on 20th Jan 2021 for final year students. Webinar Coordinators: Chaithra, Manasa KN, Chaitra N C.

TECHNICAL TALK ON” OBJECT ORIENTED CONCEPTS USING JAVA PROGRAMMING



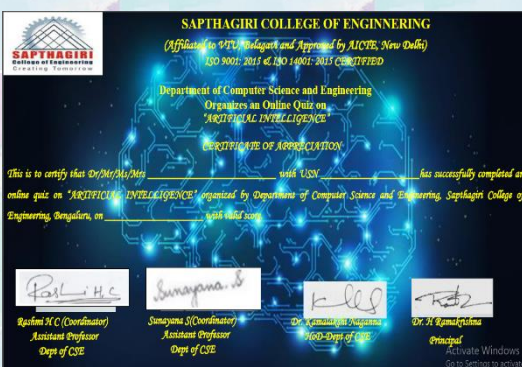
Department of Computer Science and Engineering organized a Technical talk on” Object oriented Concepts using Java Programming “ by M.Tech student Ms.Shylaja 3rd Semester Students , Coordinators: Chaithra,Prakruthi C

WEBINAR WAS CONDUCTED ON “INDUSTRY 4.0”



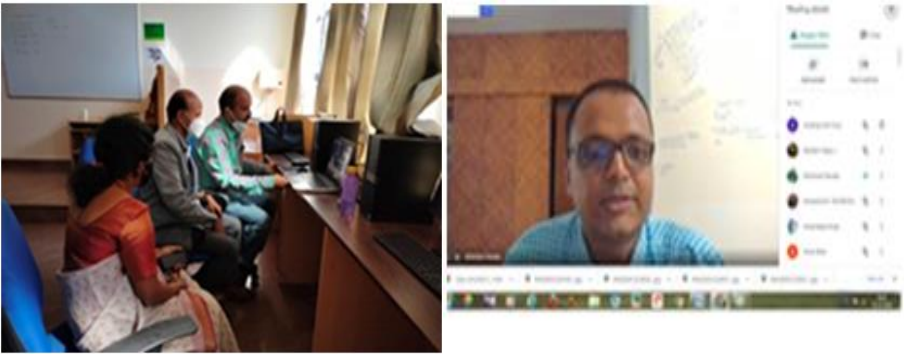
Department of Computer Science and Engineering organized Webinar was conducted on “Industry 4.0” on 15/10/2020 for seventh semester students

AN E-QUIZ ON “ARTIFICIAL INTELLIGENCE”



Department of Computer Science and Engineering organized a An E-Quiz on “Artificial Intelligence” on 31/12/2020 for all semester students

WEBINAR ON “HUMAN INTERACTION THROUGH ARTIFICIAL INTELLIGENCE”



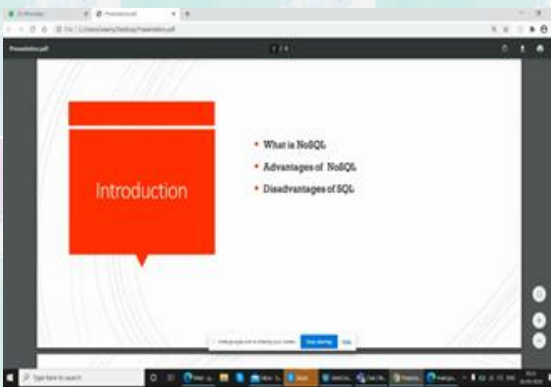
Department of Computer Science and Engineering organized a National Level Online FDP on Machine Learning & Research Opportunities on 15/06/2020 To 19/06/2020 by Dr Palanivel Rajan S, Dr Naresh E, Dr Vimuktha Evangeleen, Mr Anantha Sireesh T A, Shree Gowri M B, Dr N Nalini & CSE Faculties for faculties of various colleges .

WEBINAR ON “CAREER OPPORTUNITIES IN RESEARCH AND DEVELOPMENT”



Department of Computer Science and Engineering organized a Webinar on “CAREER OPPORTUNITIES IN RESEARCH AND DEVELOPMENT” by Mr. Chandrabhushan(CBK INFOTECH) on 19 th Sept 2020.

WEBINAR ON “INTRODUCTION TO THE NOSQL”



Department of Computer Science and Engineering organized a Webinar On “INTRODUCTION TO THE NOSQL” by Mr. Siddalinga Swamy of Stellar IT Solutions on 26 th September 2020

WEBINAR ON “CYBER CRIME TRENDS & CHALLENGES”



Department of Computer Science and Engineering organized a Webinar on “Cyber Crime Trends & Challenges” on 24-12-2020

INAUGURATION OF CSI- STUDENT BRANCH



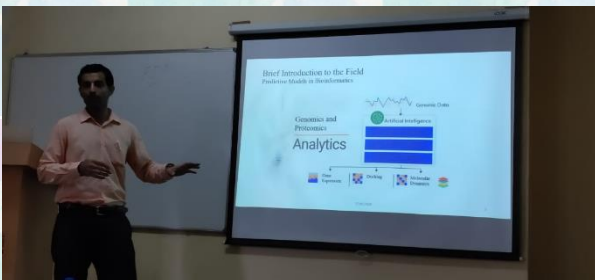
Department of Computer Science and Engineering organized a **Inauguration of CSI- Student Branch** On 22-10-2020

WEBINAR ON “BIG DATA ANALYTICS”



Department of Computer Science and Engineering organized a Webinar on “Big Data Analytics” on 30-11-2020

OPEN SEMINAR ON PREDICTIVE MODELLING FOR NON LINEAR IN BIO INFORMATICS



Department of Computer Science and Engineering organized an open seminar On “Predictive Modelling for Non Linear Data in Bio-Informatics ” organized for research scholar Mr. Vinai George Biju on 30/05/2020, Coordinated by Dr. Praveen Kumar K V.

SECOND OPEN SEMINAR ON PREDICTIVE MODELLING FOR NON LINEAR IN BIO INFORMATICS



Department of Computer Science and Engineering organized a second open seminar On “Predictive Modelling for Non Linear Data in Bio- Informatics ” organized for research scholar Mr. Vinai George Biju on 10/07/2020, Coordinated by Dr. Praveen Kumar K V.

ALUMNI TALKS



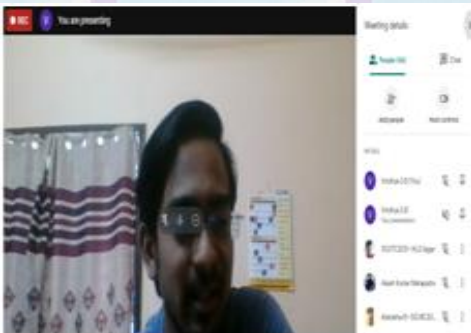
Department of Computer Science and Engineering organized an Alumni Talk on “Opportunities in market based on machine learning” by Mr.Syed Ahmed on 30/09/2020 for 5th semester students. Alumni Coordinators: Prof.Shilpa M, Prof. Vindhya G B

Mr.Syed Ahmed addressing CSE students



Department of Computer Science and Engineering organized an Alumni Talk on “Inter Personal Skills” by Mrs.MALASHREE B, (Senior Technical Project Manager, GE HealthCare) for Students of 5th &7th semester on 25/11/2020. Alumni Coordinators: Prof. Shilpa M, Prof. Vindhya G B

Mrs Malashree Addressing CSE students



Department of Computer Science and Engineering organized an Alumni Talk on “How to become an Entrepreneur” by Mr. NARAHARI, (Founder & Director, ChintaMoney) for Students of 5th semester on 26/12/2020.

Mr Narahari addressing CSE students

WORKSHOPS/FDP ATTENDED BY THE FACULTIES

1.	MANASA KN, PARTICIPATED IN ONLINE FDP ON IOT APPLICATIONS ORGANIZED BY THE DEPARTMENT OF CSE,SCE
2.	DR.KAMALAKSHI NAGANNA PARTICIPATED IN 6 DAYS FACULTY DEVELOPMENT PROGRAM ON “MACHINE LEARNING & AI HELD BETWEEN 28-12-2020 TO 02-01-2021 ORGANISED BY KNOWLEDGE SOLUTIONS INDIA
3.	DR.KAMALAKSHI NAGANNA PARTICIPATED IN 3DAYS ONLINE INDUSTRY ORIENTED TRAINING PROGRAM ON “UNCOVER AUGMENTED REALITY IN UNITY 3D” FROM 16TH TO 18TH DECEMBER 2020, ORGANISED BY DEPARTMENT OF IS&E , RAMAIAH INSTITUTE OF TECHNOLOGY ,BANGALORE
4.	CHAITHRA PARTICIPATED IN 3DAYS ONLINE INDUSTRY ORIENTED TRAINING PROGRAM ON “UNCOVER AUGMENTED REALITY IN UNITY 3D” FROM 16TH TO 18TH DECEMBER 2020, ORGANISED BY DEPARTMENT OF IS&E , RAMAIAH INSTITUTE OF TECHNOLOGY ,BANGALORE

5.	NDHYA G B ATTENDED ONLINE FDP ON IOT APPLICATIONS CONDUCTED BY CSE,SCE .
6.	VINDHYA G B ATTENDED ONLINE FDP ON “EXEMPLARY PRACTICES ON TEACHING-LEARNING AND EVALUATION OF COURSES IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY” FROM JULY 4TH TO 8TH,2020
7.	VINDHYA G B ATTENDED THREE DAYS NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAM ON “MOBILE DATA APPLICATION” FROM 22ND MARCH - 24TH MARCH 2020 ORGANIZED BY DAYANAND SAGAR COLLEGE OF ENGINEERING, IN ASSOCIATION WITH VTU AND CSI BANGALORE CHAPTER.
8.	PROF. S SURESH KUMAR PARTICIPATED IN 3 DAY FDP ON “UNCOVER AUGMENTED REALITY IN UNITY 3D”, CONDUCTED BY DEPT. OF ISE, RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU FROM 16 TH TO 18 TH DECEMBER 2020.
9.	DR.KAMALAKSHI NAGANNA PARTICIPATED AS SESSION CHAIR FOR THE 1ST INTERNATIONAL CONFERENCE ON ADVANCES IN INFORMATION, COMPUTING & TRENDS IN DATA ENGINEERING , SRI VENKATESHWARA COLLEGE OF ENGINEERING, DEPARTMENT OF ISE&E, SCHEDULED ON DECEMBER 11-12TH 2020.
10.	PRAVEEN KUMAR K V, PARTICIPATED IN 3DAYS ONLINE INDUSTRY ORIENTED TRAINING PROGRAM ON “UNCOVER AUGMENTED REALITY IN UNITY 3D” FROM 16TH TO 18TH DECEMBER 2020, ORGANISED BY DEPARTMENT OF IS&E , RAMAIAH INSTITUTE OF TECHNOLOGY ,BANGALORE
11.	DR.PRAVEEN KUMAR K V PARTICIPATED AS SESSION CHAIR FOR THE 1ST INTERNATIONAL CONFERENCE ON ADVANCES IN INFORMATION, COMPUTING & TRENDS IN DATA ENGINEERING , SRI VENKATESHWARA COLLEGE OF ENGINEERING, DEPARTMENT OF ISE&E, SCHEDULED ON DECEMBER 11-12TH 2020.
12.	PROF. CHAITRA N C HAS PARTICIPATED IN FIVE DAYS ONLINE FDP ENTITLED “IOT AND ITS APPLICATIONS” ORGANIZED BY THE DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING, SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU, FROM 14.12.2020 TO 18.12.2020.

PUBLICATIONS

1	DR.KAMALAKSHI ,DR.NAGANNA “BM3D-PNET- PERSISTENT HOMOLOGY RESIDUAL LEARNING OF DEEP CONVOLUTION NEURAL NETWORK FOR BLOCK MATCH THREE DIMENSION DE-NOISING ALGORITHM”, JOURNAL OF COMPUTATIONAL AND THEORETICAL NANO SCIENCE.OCTOBER 2020
2	DR.PRAVEEN KUMAR K V,“SECURE ENERGY EFFICIENT GEOGRAPHICAL OPPORTUNISTIC ROUTING FOR WIRELESS SENSOR NETWORKS”,GIS SCIENCE JOURNAL, JAN 2021
3	DR. GURURAJ MURTUGUDDE,“STUDY OF EVOLUTIONARY TECHNIQUES IN THE FIELD OF NETWORK SECURITY”,IEEE XPLORE,978-1-7281-7213-2/20,C 2020 IEEE

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