CANARA

ENGINEERING COLLEGE

BENJANAPADAVU, BANTWAL D.K-574211

DHWANI

DEPARTMENT OF

ELECTRONICS

& COMMUNICATION

ENGINEERING

✉:Canarait@gmail.com   ☎:8792727001/8792736001

Department Vision

- The Department of Electronics and Communication Engineering strives to be a center of repute by imparting quality education to produce globally competent graduates with human values

Department Mission

- Create conducive environment for overall development of students
- Equip the students with technical skills to bridge the gap between academia and industry

PROGRAMME EDUCATIONAL OBJECTIVES

- **PEO I** Succeed in their professional career
- **PEO II** Apply the knowledge of Electronics and Communication to address technological problems of industry and society
- **PEO III** Demonstrate leadership qualities and exhibit professional standards

EDITORIAL BOARD

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Dear Readers,

The department magazine "DHWANI" is ready to showcase the activities that are happening in the department. I feel privileged in presenting the edition of our department magazine. The purpose of the Magazine is to provide a platform to the students and staff to give expression to their original thoughts and thus develop an important aspect of their personality. This edition of "DHWANI" has loads of information about the department activities including interviews with our staff. It also includes the student achievements in co-curricular and extra-curricular activities. These show their ability to tune physical skills and achieve a competency in sports and games. I take this opportunity to thank all those authors who have contributed the articles and the members of the editorial board and designers. Lastly, I would like to place on record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success.

What Department Head Says
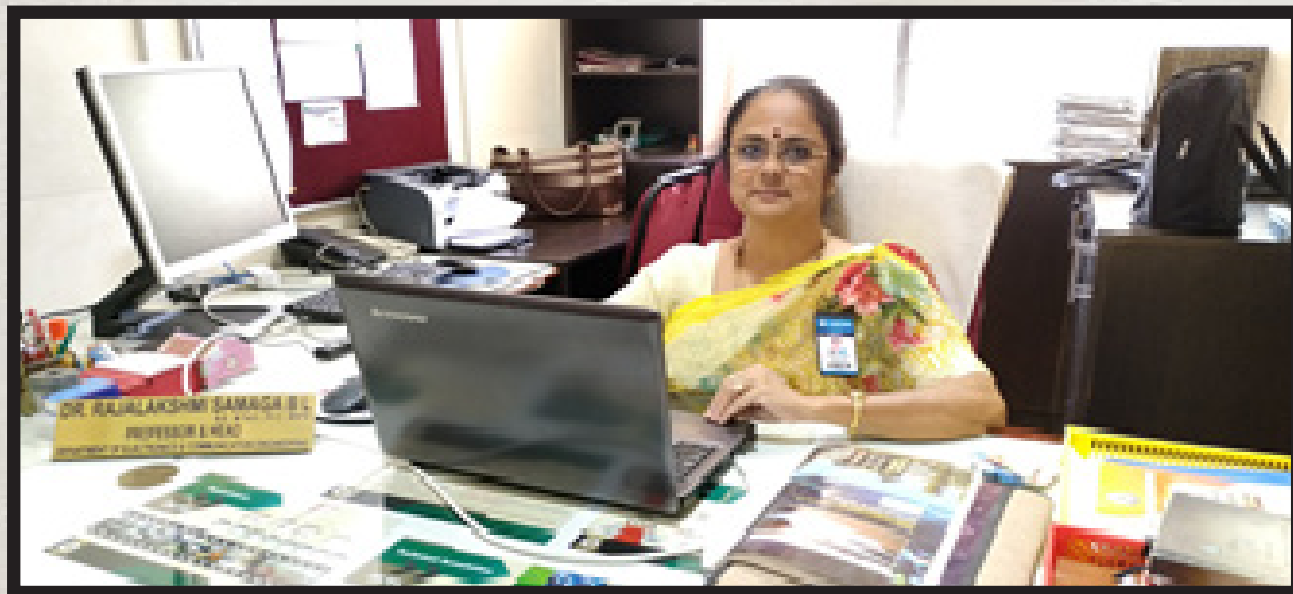
Dr. Rajalakshmi Samaga B L

I am very happy to pen down the foreword for the VOLUME 11, ISSUE 2, AUGUST 2021 edition of department newsletter "DHWANI"

I congratulate the editor and his team for summing up all the events that took place in the department during this pandemic year 2020-21 in this newsletter. Truly to its name Dhwani-voice of the department of Electronics and Communication Engineering can put forth all the activities that took place during this period. I thank all the committee coordinators and others for their valuable contributions to this newsletter. I take this opportunity to thank our alumni for helping the department in many ways be it conducting Mock interviews, donating laptops, giving referrals to final year students so on.

DEPARTMENT ACTIVITIES

Professional Society activities

Can Build Club

- Canbuild club started by the students of CEC under the guidance of Mr. Sreerama Samartha as a faculty mentor. The club was inaugurated on 23rd Feb 2019 with a strength of approximately 20 members working on various ideas and participating in different competitions along with a group of 40 participants. The club also conducted an Induction program for freshers, & various workshops for the students. The club team includes members from various departments working together on their ideas and presenting them successfully.
KEY MEMBERS OF CANBUILD CLUB (2019) Pavan Shetty Chairman, Shreer aksha exChairman, Sudarshan ex Vice-Chairman Captains: Dheeraj Rao,Cheth an G, Deekshith, Shreesh Kulkarni, Akhilesh Kumar P, Shreya R Suvarna, Rohit K Shenoy and Rohit D Hegde
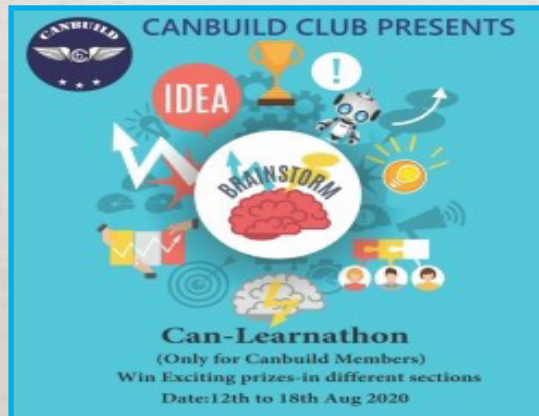
- *Initiation of Can Learn Club*
The club added an extra division called Can-Learn to keep up with the industry needs during pandemic to learn collaboratively. The new wing of Canbuild club planned and executed many weekly sessions on different topics and had con ducted two offline in campus sessions in the month of March 2021, later with the lockdown restrictions all sessions were conducted online.

- *Jul-Aug 2020 Workshop Series:*
The club conducted 10 sessions during the period 6th Jul-10th Aug 2020 for its Can-learn members as well as interested students in the college on various topics.

Session No	Session Topic	Date	Session Guide	No of attendees
1	Basic Knowledge req. for building a major project	06/07/2020	Pavan Shetty	37
2	MIT-App Inventor	10/07/2020	Shreesh Kulkarni	36
3	Arduino Uno	13/07/2020	Pavan Shetty	44
4	Circuit Design and Soldering Hacks	16/07/2020	Akhilesh Kumar P	34
5	Beginning Arduino Programming	21/07/2020	Shreya R Suvarna	35
6	Resume Building	26/07/2020	Shreeraksha	38
7	Arduino and Sensors	27/07/2020	Pavan Shetty	32
8	Insights of Interview	01/08/2020	Shreeraksha	40
9	An Introduction to Machine Learning	08/08/2020	Shreesh Kulkarni	56
10	PCB Design and IC Applications	10/08/2020	Akhilesh Kumar P	58

As shown in the above table, different topics were covered by different captains of the club

About the CAN build club

Canbuild is a club started by the students of ECE dept under the guidance of Mr. Sreerama Samartha as a faculty mentor. The club was inaugurated on 23rd Feb 2019. It has a group of approximately 20 members working on various ideas and participating in different competitions. The club also conducted Induction program for freshers, & various workshops for the students.

The club team includes members from various departments working together on their ideas and presenting them successfully.

Email: canbuild.club@gmail.com

About the CAN Learn club

Recently in the month of March, 2020 the "Canbuild club" started another wing named "CanLearn club" where it has nearly 60 members guided by the captains of the club, the captains take up various sessions on various topics twice a week and conduct competitions on the same. It includes members from various departments participating in the sessions and the competitions held.

About the IEEE SB CEC

The IEEE Student Branch at CEC was started in Dec 06. We actively organize/take part in various technical and leadership activities. Our aim is to instill a culture of professionalism in students.
Women In Engineering (WIE) student branch affinity group was inaugurated in our college during 2009 by Dr. Y. V. S. Lakshmi, IEEE-WIE Bangalore Section Chair.

About the Workshop

Machine learning is the science of getting computers to act without being explicitly programmed. In the past decade, machine learning has given us self-driving cars, practical speech recognition, effective web search, and a vastly improved understanding of the human genome. Machine learning is so pervasive today that you probably use it dozens of times a day without knowing it. Many researchers also think it is the best way to make progress towards human-level AI.

In this workshop, you will learn about the most effective machine learning techniques, and gain practice implementing them and getting them to work for yourself. More importantly, you'll learn about not only the theoretical underpinnings of learning, but also gain the practical know-how needed to quickly and powerfully apply these techniques to new problems. Finally, you'll learn about some of Silicon Valley's best practices in innovation as it pertains to machine learning and AI.

HIGHLIGHTS OF THE PROGRAMMES:
- Hands on sessions
- Exposure to research directions in data science domain.

Content of Workshop
- NumPy with Python
- pandas Data Frames
- Matplotlib and Seaborn
- Linear regression, Linear regression Multivariate
- Save model Train test split
- Logistic regression Logistic Regression (Multiclass Classification)
- Decision Tree Support Vector Machine (SVM)
- Random Forest K Means Clustering
- Naïve Bayes

- Hyper parameter Tuning (Grid Search CV)

Important Dates
Last date to Apply: 20/8/2020
Intimation of Selection: 22/8/2020
Confirmation of Participation: 23/8/2020

Who Can Register?
The UG student who know basic of python. And preferable for final year students whose project is based on machine learning

Registration fee
No fee will be charged from participants for the workshop.

Certification
When you successfully complete and pass the certification assessment, your certificate will be emailed to your registered email address.

How to Apply
To apply fill the google form from the link provided.
Apply at: https://forms.gle/iXhgY3fiMH7KTycOLn9

Note for Participant
- The session is conducted through google meet.
- The registered student gets google meet link.
- The workshop on 24th August-2nd September 2020
- Timing: 11.00AM to 1.00PM

Patrons
Sri. M. Annappa Pai, *Vice-President, C.H.S. Association*
Sri. M. Ranganath Bhat, *Secretary, C.H.S Association*
Sri. M. Padmanabha Pai, *Correspondent, C.E.C*

Chairperson
Dr. Ganesh V Bhat, *Principal*

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About the Institute

Canara Engineering College was established in 2001 by Canara High School Association (CHSA) – founded in 1891 by Sri. Ammembal Subba Rao Pai (founder of Canara Bank). The founder wanted to build an institution that would integrate ancient Indian culture with modern Scientific and Technological growth – education in its completeness. The Vedic mantra *"Vidya Kamadurga"* a crystallization of his ideas. CHSA has grown into a more than 15 educational institutions, imparting quality education over 10000 young boys and girls in this part of Karnataka, from nursery to Research level. CEC offers U.G programmes in Computer Science, Electronics & Communication, Information Science and Mechanical Engineering, Research in Electronics & Communication and Chemistry Department.

About the Department

Established in the year 2001, the Electronics and Communication Engineering Department has built an international reputation for excellence in teaching, research and service with well qualified and highly motivated faculty. The well-equipped laboratories cater to the needs of UG and Research students and the facilities in the department meet the requirements of the faculty and students interested in research work, supported by management and endowed by grants from the university and AICTE. ECE program accredited by NBA from 2019 to 2022.

IEEE Sponsored Ten days workshop
On
Basic of Machine Learning

Sponsored By
IEEE SB CEC

Organised by
CAN Build, CAN learn Club
and
DEPARTMENTS OF ELECTRONICS & COMMUNICATION ENGINEERING
CANARA ENGINEERING COLLEGE

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- The Club Chairman Shreeraksha being experienced about the placements conducted sessions on "Resume Building" and "Insights of Interview" giving students ideas for building their resumes and about how to be confident and prepared for an interview

- The Club Vice-Chairman Mr Pavan Shetty conducted sessions on topics "Major project planning", "Arduino Uno" and "Arduino and Sensors". Being an experienced person in the domain, he explained the topics briefly and cleared the doubts of the workshop attendees.

- Club Captain Shreesh Kulkarni conducted sessions on the topics "Android app development" and "Introduction to Machine Learning Basics". He gave the attendees different ideas for building up an android app also introduced them to different machine learning algorithm's working uses and its applications.

- Club Captain Akhilesh Kumar P being an expert in the field of circuits, PCB designing, ICs conducted sessions on "PCB designing and IC application" and "Circuit Design and Soldering Hacks".

- Club Captain Shreya R Suvarna, being an embedded programming interest, conducted an interactive session on "Arduino Programming" as a continuation to the "Arduino Uno" session and introduced the first-year students to embedded programming.

- The complete workshop series of 10 Sessions ended with a small competition "Can-Learnathon" that was conducted among the students to boost their thinking capacity and to make them practise the topics they had learnt in the sessions. All the Captains of the club guided the participants during the competition with the support they needed. The competition had a good impact on the learners. It also boosted their interests in learning new things and also learnt the applications of various topics they had studied in the prior sessions.
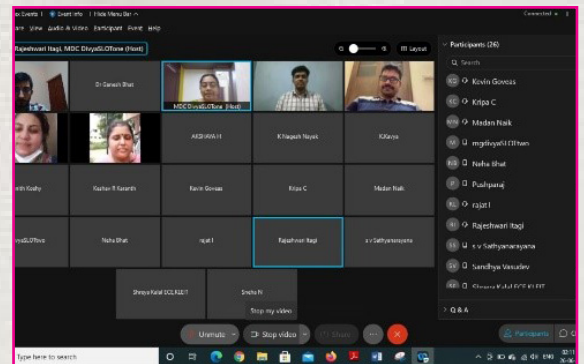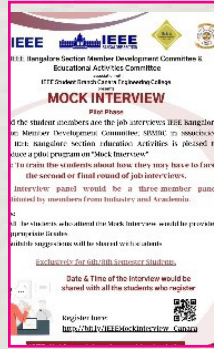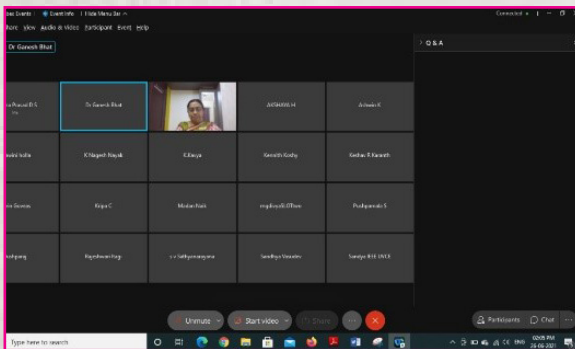
IEEE

Talks and Activities organized

### Talk on "Career Pathway and Opportunities to Study Abroad" – 09-07-2021

- A talk on Higher studies abroad was arranged by AECCS Pvt Limited. A total of 167 participants benefitted from the talk. The talk focused on Entry requirements for and Scholarships and Career Opportunities in studying abroad.

- Topics covered were; 1. Study abroad opportunities – in Select countries, 2. Entry requirements for studying abroad, 3. Exams to be taken for study destinations – IELTS, PTE, TOEFL, GMAT, GRE, 4. Scholarships and Career Opportunities abroad

Mock Interview - 26-06-2021

- To aid undergraduate student members to ace the job interviews IEEE Bangalore Section Member Development Committee (MDC) designed and initiated program named Mock Interview (Replicating an Interview Scenario) mainly for the rural/remote engineering colleges. The virtual platform-based program was targeted towards 6th/8 th semester students with an objective is to train the students about how they may have to face the second or final round of job interviews. In this context, a pilot program was conducted for students of CEC Mangalore. All the students who attended the Mock Interview were provided appropriate guidance by means of suitable suggestions verbally by panelists and a generic feedback was conveyed in a generic manner. The Open Interview had 7 batches of 10-12 students each with a 3-member panel (with at least 2 industry members) each allotted 60-70 min. Students were instructed to concentrate only on their performance and if possible, listen to questions posed to others. The talk on How to ace an interview by Dr Soma Pandey of Reliance Jio Infotech limited was arranged on June 18th before the mock interview. Panelists comprised of 21 members most from industry both Government and private establishments. 3 batches comprised solely of 3rd year CSE and ISE while 2 batches from 4th and 3rd year ECE and 1 batch EEE Students. The interviews though conducted in a staggered manner in parallel started from 2 PM and went on till 7 PM taking more than 90 minutes per batch. The feedback taken from the 79 participants have been greatly encouraging

Acing The interview   18-06-2021
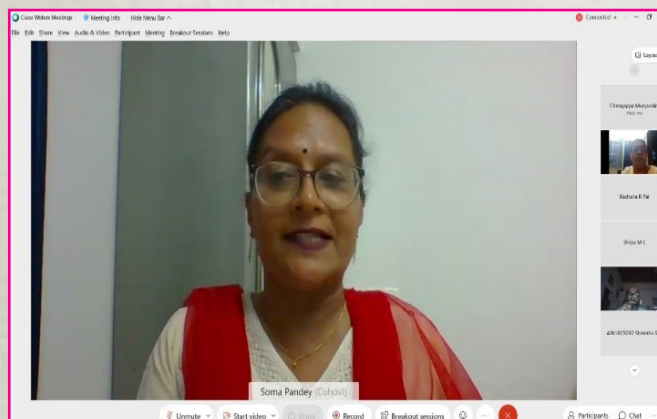
- 115 students from 6th, 8th and 4th semester benefitted from the talk on how to do well in the interview by the resource person Dr Soma Pandey GM IOT and sensors at Reliance Jio Platforms and Senior Member IEEE and CoChair Industry and Professional Activities Committee IEEE Bangalore Section, The talk was focused on guiding the students on do's and dont's while facing an interview. Dr Soma spoke about the way to present in technical round followed by what should be the attitude and body language and finally all the important skills needed for an ECE and CSE student and what are the top trending technologies as of today in industries were explained. The recording of the talk with the students engaging her in various questions has been uploaded onto the Bangalore Section YouTube Channel.

Talk on Common Errors in Resumes by Ms. Sreeraksha P UX/IX Developer Terralogics Pvt Ltd 09-01-2021
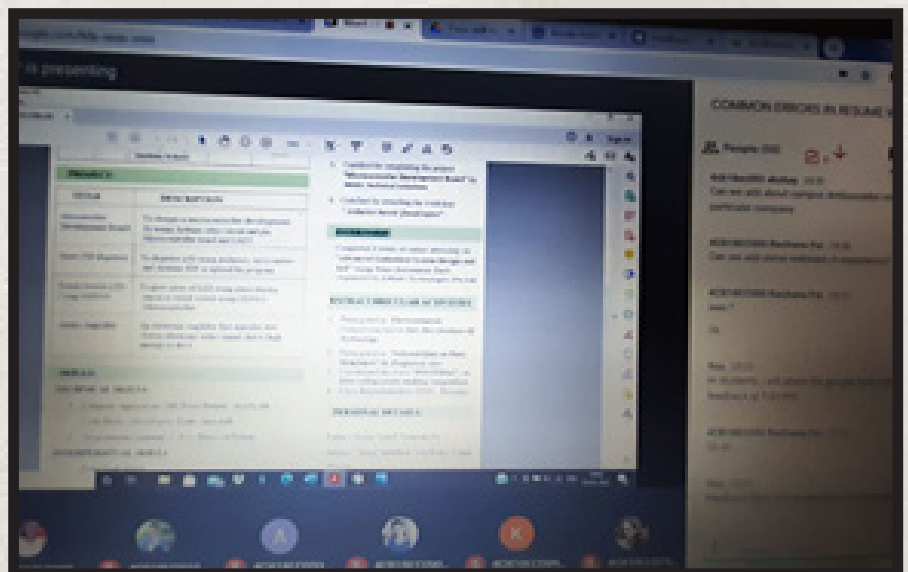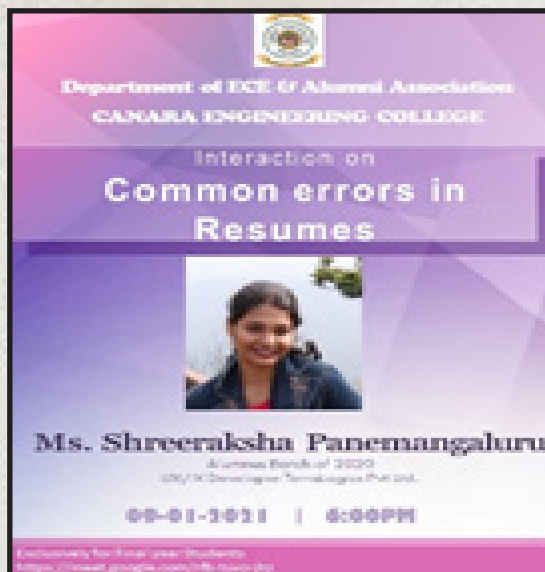
Ms. Sreeraksha P delivered a hands-on session on common errors in resumes and how to draft one from the scratch. The talk was benefitted by 96 participants who kept her on her toes and extended the session much longer than the stipulated time of 1 hour. The interaction was very well received.

Talk on Effective Technical writing and publications by Mr. Vishwas Narayan 19-12-2020
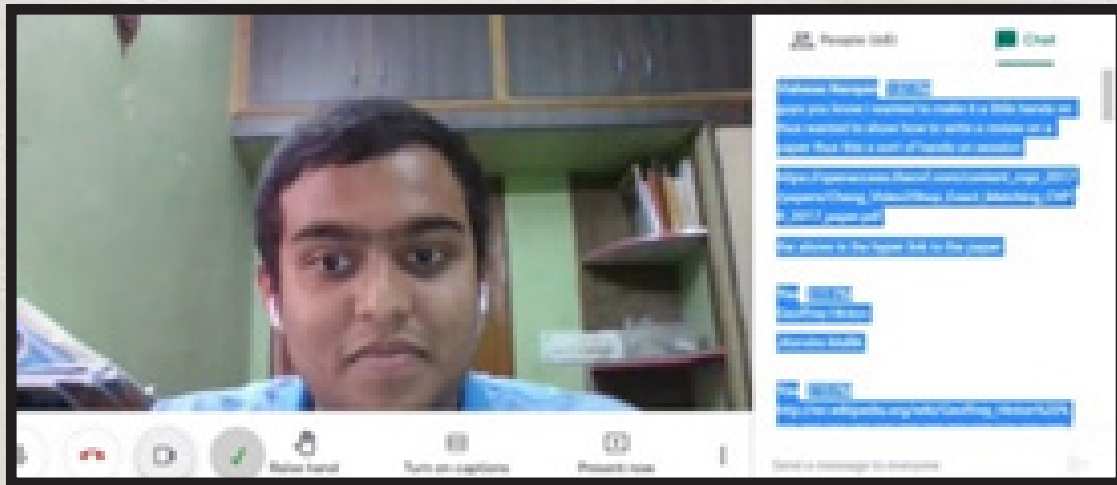
Speaker Vishwas Narayan is currently an ECE student at RNSIT and the IEEE Student Chair and is also a Coursera and Udemy Instructor as well has founded the Girl Script Chapter at RNSIT and is very dynamic, The talk was based on his personal experience on Blog based Websites like Medium.com. He also spoke on how one can increase readership for the posts as well as how to avoid plagiarism. 98 people benefited from the Talk that was held from 2:00-3:30 PM

IEEE Day talk

Panel Discussion on Career Opportunities in Non-Conventional Job Roles in IT on 12-10-2020
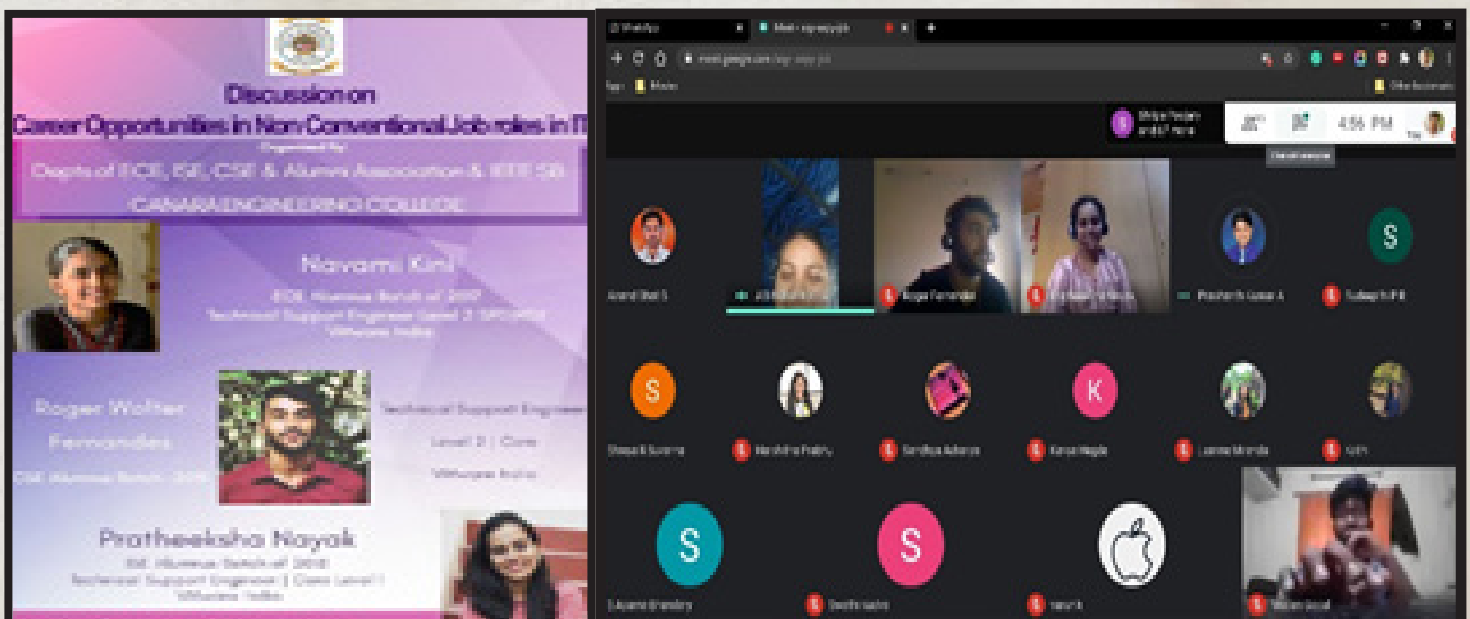
The Alumni – Navami (2017) Roger (2016) and Pratheeksha (2016) along with Alumni Chief Coordinator Prof Anand Bhat conducted an interaction reg - Career Opportunities in Non-Conventional Job Roles in IT moderated by Prof Ashwini. The students went on to ask them questions after they appraised them of the following topics, Different Non-Conventional jobs that people can take up in IT. Placement process and How to crack the interview? Skills needed by ECE engineers for the said roles. The interaction on a virtual platform ended at 5:00 PM with a very brisk and fruitful interaction in which 106 members participated

Panel Discussion on Deployment of Tech For Good – Term Projects that can be taken up 07-09-2020

A Panel Discussion reg projects that can be taken up by students of final year for the betterment of society was arranged for them with each of the speakers presenting projects implemented by them and their mentees. Speakers: Celia Shahnaz, SMIEEE, Professor, Department of EEE, BUET, Bangladesh discussed the ones on and by Women Empowerment and Humanitarian Technology Projects at national and international levels. Mr Hrishikesh Bhat a Meditator, Micro-entrepreneur, Proprietor at Sattva Academy - Mangalore spoke about the Innovative projects he is currently involved in, with students and professionals. Mr. Sujan Raj -Proprietor at Slekin Technical Solutions Mangalore spoke about challenges in implementing AI concepts in image and data processing. A total of 106 members from 7th semester benefitted from the engaging virtual interaction.

Project Reach the Locals - Javascript & Python in A Nutshell In Kannada 02-08-2020

Invitees: Mr. Rakesh Kothari, Mr. Manikant Nayar, Mr. Gaurav Kamath Cofounders Microdegree Mangalore, Sri. Puneet Kumar Mishra Scientist G ISRO, Chairman IEEE Bangalore Section, Dr. Soma Pandey chairperson Education Activity Board Bangalore Section, GM RJIO BANGALORE & Mrs. Sadhana K Attavar Chair WiE, Bangalore Section Director V IT Museum Bangalore, Dr. U C Niranjan ChairIEEE MSS, director R&T MDN

Manipal. The webinar delivered in Kannada was about   learning how to use Javascript & Python in A Nutshell. Over 300 students attended the event 98 from ECE CEC.

PROF SOCIETIES PARTICIPATION IN COMPETITIONS BY STUDENTS

ToyCathon 2021

- Students Participated in Toy Hackathon 2021. Two teams Team 1 comprising of 4,2nd year students Ms Sreya Pai, Yashaswini, Sharvari, Vishaka, Shivani mentored by Prof SreeRama Samartha and one with 4, 3rd year students Mr Rohit D H, Prathamesh and Prajwal have been shortlisted for Toy Hackathon 2021.

IEEE Xtreme
14.00:0hrs UTC 17-10-2020 to 18-10-2020 (24 hours)

It is a 24-hour global hackathon where the event starts at 5:30 AM IST to go on till 5:30 AM next day. 23 coding challenges were put up in everyone hour of interval, most were of quite difficult level which helped the students put in efforts of developing the solution for the code and burn the proverbial midnight oil. 42 students participated in Xtreme 14.0 with Professional Proctors –   Ms. Divya M G Joint Director CDAC,
Mr. Chengappa M R from HPE, Ms. Ashwini Holla.

Participation in - BHTC Project Challenge on 9-10-2020

Two projects from CEC were selected under the Bangalore Humanitarian Technology Challenge. Selected projects based on Humanitarian Technology were given an opportunity to be showcased in the IEEE Bangalore Humanitarian Technology Conference on Oct 8 - 10, 2020. Each team was financially supported by INR 5,000. The Team Composition: 3-4 IEEE Student member + IEEE Faculty mentor + IEEE Industry mentor. Team comprising of Mr. Rohith DH, Raksha DS and Sridhar J P were mentored by branch councilor and Dr Chandrakantha Vice Chair IEEE Bangalore section and Scientist at ISRO, built a project on Satellite helping a drone to navigate at times of disaster. Team comprising of Mr. Hrishikesh N, Mr. Amith Ryan, Mr. Shrivathsa and Ms. Mega were mentored by branch councilor and Mr. Kishore Kumar Sharma O Social Media Manager IEEE Bangalore section and Senior SWE Robert Bosch India, built a project Dictowriter. Both were very well received by the Jury.

Participation in - Ada Lovelace Day Hackathon
13-09-2020 to 13-10-2020

Four students from ECE Ms. Phalguni and Ms. Ramya Holla (7th Sem)Mr. Rohith D H and Mr. Vignesh Hegde(5th Sem) got shortlisted for the final round in the National Level - Month Long Ada Lovelace Day   Celebrations Hackathon on AI-based Poetry (Sonnet) generation for Students organized by India Council in association with IEEE WIE Bangalore Section with IBM India as technical partners. The 8 shortlisted teams were evaluated by a LIVE online presentation of solution based on test data -image in second round and text in preliminary by a Jury of technologists and a poet from 2 rounds of evaluations that spanned a month. Team CEC was the runners up in the competition in which teams from all over India including 2 IITs and 2 NITs participated.

XIME MARIA PHILIP DEBATE CONTEST 8-10-2020

To commemorate Maria Teresa Philip, late daughter of Prof J Philip, President Xavier Institute of Management and Entrepreneurship XIME has been organizing this contest for over 2decades now. 11 colleges from Mangalore participated in the Competition, including NITK Suratkal, TAPMI Manipal. Jury members were noted in the field of oratory and Management: Mr. Brian Fernandes, Ms. Veera Katpitia, Dr. Malini N. Hebbar, Team CEC came in the 4th position with members – Mr. BHARATH KAMATH and Ms. SHILPA M L, both from 5th Semester A section

Infosys Summer of Ideas 07-11-2020

Summer of Ideas' was a global eight-week ideathon, Students shortlisted by a test conducted worldwide were grouped into teams of five and asked to submit ideas based on 10 themes. They were to consult and refine their ideas by Infosys mentors, renowned professors, and technology thought leaders. Students Selected from ECE - Poornima Vinod Shanbhag Sem 2, Bantwal Karthik Kamath Sem 4 and Sahana Lokesh Sem 6 from amongst the 250+ ECE students who participated

SAP SEMICOLON HACKATHON 21-08-2020

An Initiative by Scholar@SAP, Semicolon is a one of its kind hackathons curated by the Scholar@SAP program jointly developed with BITS Pilani. Last year 2 teams from CEC made it to the final rounds with one standing second prize in the National Level from ECE. This year we had 4 teams from ECE with 9 participants.

Virtusa Neural Hack Stage 4 on 10-08-2020

In this contest the participants were asked to solve a task in a specified track -of Data Science, or Full Stack – Java, or UI Development on the platforms of java, python or C# in 2 hrs. 50 ECE students from the final year participated.

NEWTON SCHOOL CODING CONTEST 2020 (28-08-2020)

The challenge is a premier national online coding contest based on algorithms and data structures aimed at fostering learning of data structures, algorithms & problem solving among Indian college students. 69 students from ECE participated

Women Who Code CONNECT 2020 (07-08-2020)

WWCode CONNECT DIGITAL India 2020, was a premier developer conference, with speakers from around the world to share their technical expertise and inspirational stories of how they have succeeded in the industry. 86 ECE students participated in the conference

NSS activities

Support E-leering for Nursery Kids to improve their skill set


- " The ability to observe without evaluating is the highest form of Intelligence" Kids are very much interest to learn and adopt new skills by watching videos, wherein this facility is not available in govt Anganavadis. So, to improve children's learning capability we have donated DVD Player and TV along with videos related to their subject loaded in DVD and pen drive. This event is initialized by Prof. Ganesh V Bhat by donating TV and DVD to Mrs. Rekha Anganavadi Karyakarthe. He was accompanied by Prof. Rajalakshmi samaga, HOD dept. of ECE and Mr. Ananth Krishna Kamath, Assistant professor dept. of ECE and other staff members from ECE department. This event is organized by Mr. Manjunatha I R NSS Co-ordinator of ECE department on 16/09/2020.

Department Association activities

Mock Interview:

- MOCK interview was organized for pre final year ECE students under AIMZ in association with Alumni Committee. Online Mock interviews were conducted by Alumni (25 members) of ECE department for a duration of one month (23/5/2021-20/6/2021). Total 53 ECE students are benefited
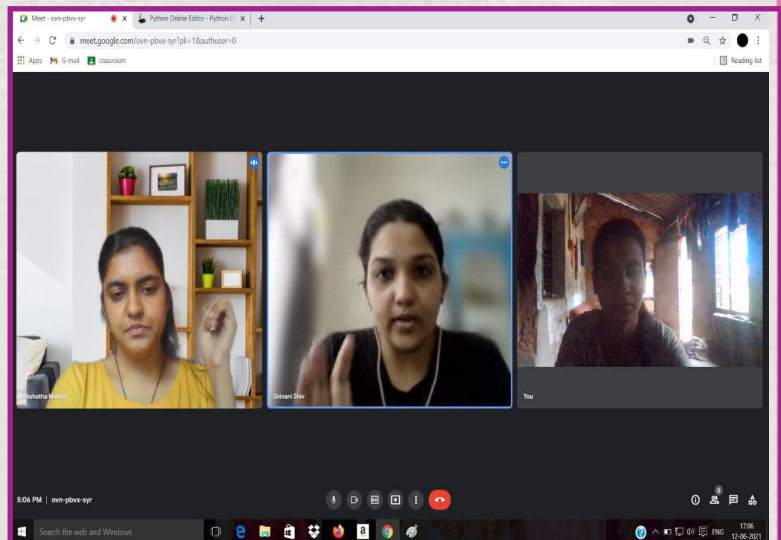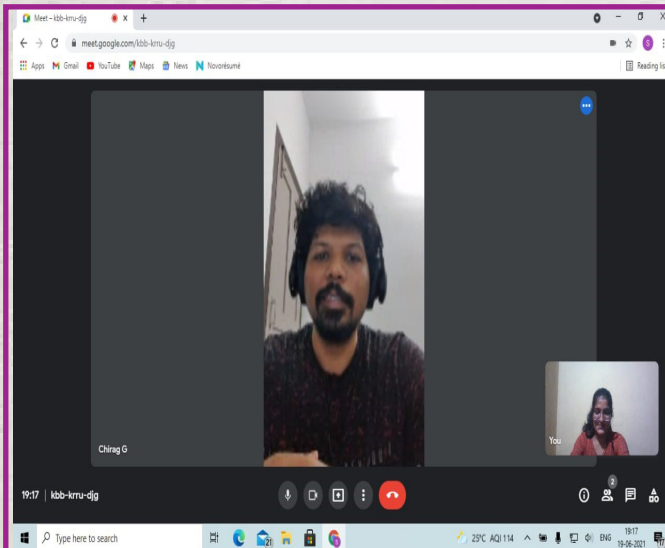
SPARKS

- Online Get-together of ECE department conducted on 10/7/2021 from 5pm to 6.30pm. The program was inaugurated and addressed by Head of the department Dr. Rajalakshmi Samaga. Various activities like singing, dancing, games were conducted by students. Total 115 students attended.
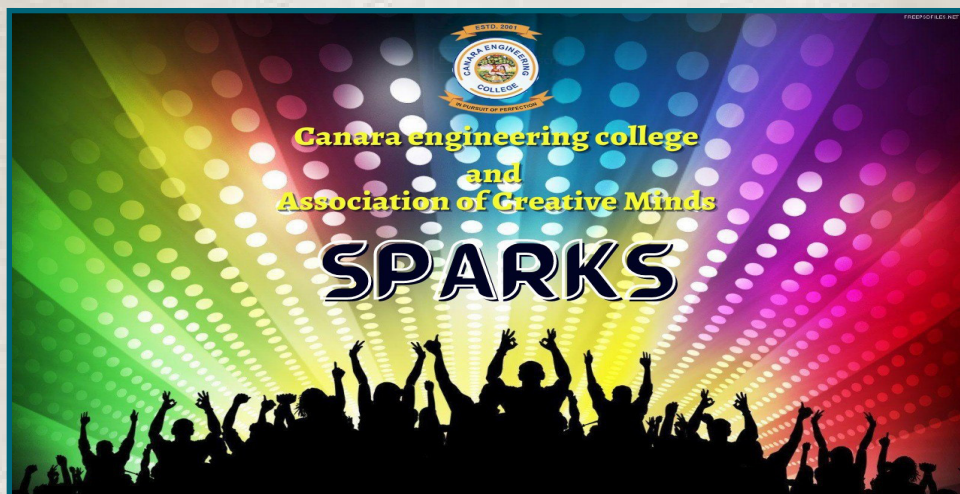
- Faculty and staffs of Canara Engineering College developed a retrofit kit to convert IC engine-based two-wheeler to electric vehicle. This kit is significant development in this field as recently Govt. Of India under Voluntary Vehicle scrapping policy stated to undergo fitness test for IC engine-based vehicles after completion of 15 years.
- Dr. B Krishna Prabhu, HOD, Mechanical was the chief investigator under whom Mr. Divyesh Divakar and Mr. Ajith Kumar B P, Assistant Professors, ECE department worked selflessly and contributed towards successful implementation of the vehicle.

IIPC activities

- Details of the activities conducted under the committee and its impact

SL. No	Name of the activity	Date	Status	Remarks
1	Internships	-	Ongoing	201 internships have been undergone under 39 companies.
2	Talk on Job Opportunities in Core Companies	08/05/2021	Completed	By Mr. Sachin Prabhu and team, Manipal Educare, Manipal jointly organized by Department of Training and Placement and IIPC Cell, Department of ECE, Canara Engineering College, Benjanapaduvu, Mangalore. Around 92 students from Final and Pre-Final year attended.

Training and Placement activities

- Training and Placement Department of Canara Engineering College in association with Ethnus conducted Online Soft skill Training program on "Effective email writing". The session was conducted on 13th June 2021 in Google meet platform. Ms. Prathibha, Ethnus was the resource person. 91 students from 3rd and 2nd year benefitted by the program.
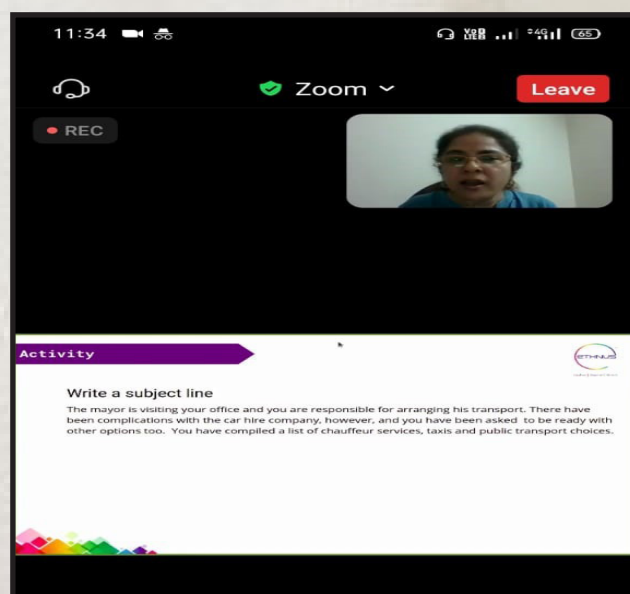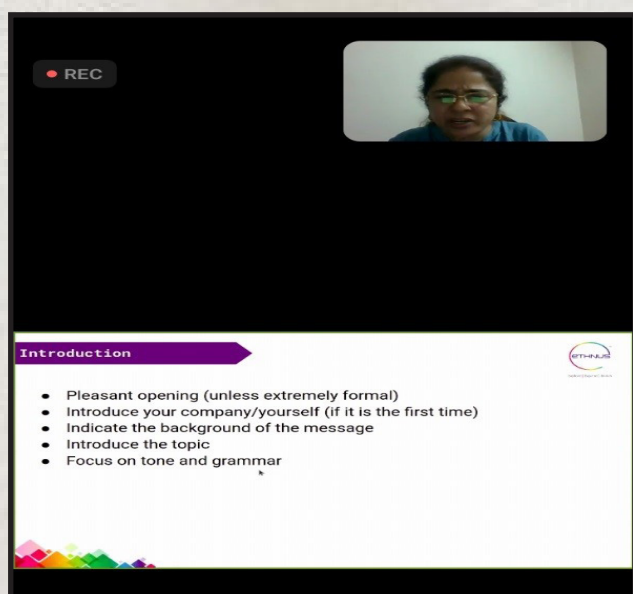
- Training and Placement committee of Electronics and Communication Engineering Department conducted Group Discussion for short listed students under Mock Placement Drive. Google Meet was used as the platform. Our Alumni Nikita Giri, Technical Recruiter and Mahathi Kamath, Delivery lead, both with SSi people, mastered the discussions. 45 students of 6th semester benefited from the drive.

- The Training and Placement Department in association with Ethnus, conducted an "Online training program on Resume Building" for second- and third-year students on 1st May 2021. 130 students from ECE department actively participated.
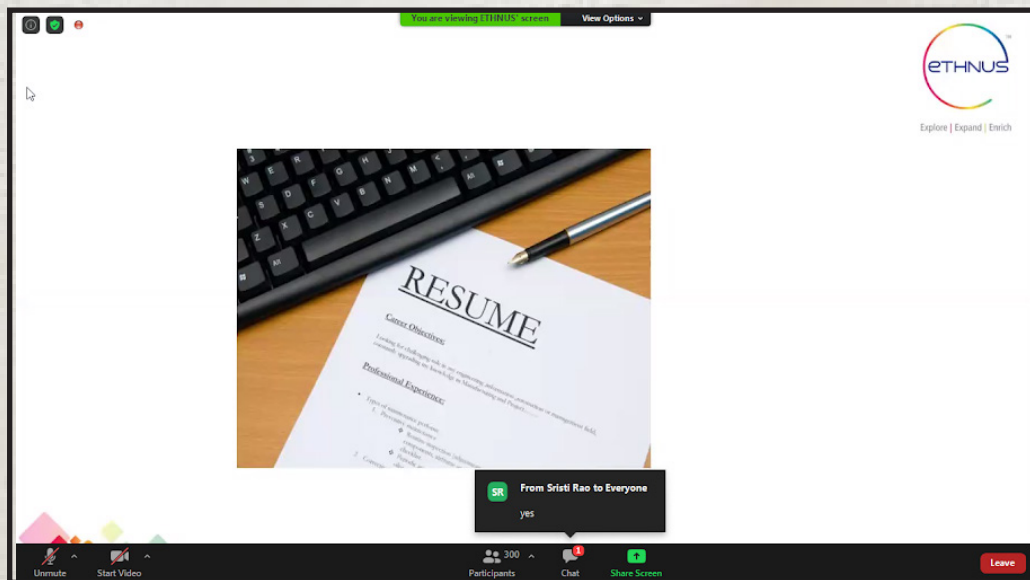
- Training, Career Guidance and Placement Cell of Department of Electronics and Communication Engineering organized aptitude and technical coding assessments for non-placed students of the department (till date) on 18/3/2021. 37 students competed.

Samsung Quad Camera
SAHADHYAYANA

- Training and Placement Committee in association with AIMZ conducted "Apti 4 Fun", an aptitude contest for 4th sem students on 29/06/2020. 80 students participated in the contest. Mr. Nithin R Nayak and Ms. Nagaveni were the winners of the contest.

Alumni activities

Alumni Interactions conducted by the Department

Sl. No	Name of the Alumni	Date of the Event	Company name	Designation	Interaction Category	Topic of the Interaction
1	Ms. Mahathi Kamath Ms. Jyothi Hiremath	05/03/2020	SSI People, Bengaluru	Delivery Manager Associate Technical Recruiter	Placement Guidance	Both the speakers gave an introduction about the company and tips to prepare for the placement drive.
2	Mr. Gopalkrishna Bhat Mr. Nishanth V K Ms. Anusha B Mr. Sundeep	19/03/2021	Entrepreneurs		Entrepreneurs meet	Conducted an entrepreneur meet in order to build good relationship with institution and create awareness about entrepreneurship.
3	Ms. Jinshi	08/05/2021	Ribbon Communication	Verification Engineering Tech Analyst/ Designer	Placement Guidance	Alumni gave an introduction about the company and tips to prepare for the placement drive. Students cleared their queries regarding the placement preparations.
4	Ms. Mahathi Kamath Ms. Nikita Giri	20/06/2021	SSI People, Bengaluru	Delivery Manager	Improving Communication Skills	Session was conducted to improve oral and written communication skills. Students gained knowledge regarding the importance of communication skills in the present-day industry.

5	Aishwarya kini Aarathi pai Divya Maria Crasta Tejaswini Holla K Vidyadhara Mallya B Madhava Shenoy Varadraj Bhat Radhika shenoy Paresh varik Madhav Mallya Sachin shenoy k Akash Vithaldas Revankar Prajwal Kalnad Mahathi Kamath Nikita Giri Megha U Shenoy vidyalakshmi Kammath Sharrel Veigas Saideep Ullal Nishanth VK Shantanu Bhatt Shreya S Prabhu Bhavatha Baliga Vignesh Pai Chirag G Gopal Prasath Anusha B Nandeesh Kamath Shreeraksha Karthik Karanth	May and June 2021	Mock Interview Process	Mock interview process was conducted for the students of sixth semester students. They guided the students regarding resume writing, present industry requirements and preparation for the interview process too.

Student Achievements

- Mr. Vignesh Uday Hegde has securing First Position in an Online Debug Competition "Fix-the-bug" held on April 23, 2021 organized by IEEE Photonics Society Student Branch Chapter Jeppiaar Engineering College
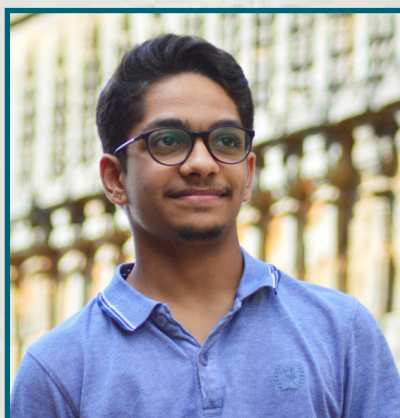
- Mr. Shridhar J P of 6th semester has secured Second in the Just music competition on Independence Day 2020

FACULTY ACHIEVEMENTS

- Mr. Sujit S Pai, Assistant Professor presented a Paper titled "Smart Shoes" at 6th International Conference on Electronics, Computing and Communication Technologies, Bangalore, India from 02-07-2020 to 04-07-2020 with ISBN: 978-1-7281-6828-9

- Ms. Ashwini Holla V R, Assistant Professor presented a Paper titled "Smart Shoes" at 6th International Conference on Electronics, Computing and Communication Technologies, Bangalore, India from 02-07-2020 to 04-07-2020 with ISBN: 978-1-7281-6828-9
- Ms. Ashwini Holla V R, Assistant Professor presented a Paper titled "Sign and Analysis of Optical Sensor for Detection of Cancer Biomarkers", at a Conference on Design and Analysis of Optical Sensor for Detection of Cancer Biomarkers held from 02-07-2020 to 04-07-2020

- Mr. Sandeep Prabhu M, Assistant Professor published a Patent IOT AND CLOUD BASED AGRICULTURAL MONITORING SYSTEM with Journal Number - 27/2021, Journal Date - 02/07/2021 – IPO
- Mr. Sandeep Prabhu M, Assistant Professor published a Paper in Scopus International Journal (Design Engineering – Toronto) titled "P-V and I-V Characteristics of Solar Cell" ISSN 0011-9342, Volume 2021, Issue 6, June 2021, Page No 520-528
- Mr. Sandeep Prabhu M, Assistant Professor published a Paper in Scopus International Journal titled "Plant Disease Detection Using Intelligence of Things" ISSN: 1583-6258, Volume 25, Issue 5, May 2021, Page No 4604-4609
- Mr. Sandeep Prabhu M, Assistant Professor published a Patent Women Safety using Intelligence of Things with Journal Number - 17/2021, Journal Date - 23/04/2021 - IPO
- Mr. Sandeep Prabhu M, Assistant Professor published a Paper in Springer Journal and presented it at 4th International Conference on Intelligent Sustainable Systems (ICISS 2021) titled "Computer Aided Detection for Early Detection of Lung Cancer using CT Images" organized by SCAD College of Engineering and Technology, Tirunelveli, Tamil Nadu during 26th and 27th February 2021
- Mr. Sandeep Prabhu M, Assistant Professor published a Patent Motorcycle pitch with non-linear control and accident-avoidance system using IOT with Journal Number - 05/2021, Journal Date - 29/01/2021 - IPO
- Mr. Sandeep Prabhu M, Assistant Professor published a Patent Industrial Safety Monitoring and Accident Reporting System Using IOT with Journal Number - 52/2020, Journal Date - 25/12/2020 – IPO

- Dr. Dayananda G K, Associate Professor published a Patent System for Hardware acceleration for embedded flash memory based on machine learning with Journal Number - 19/2021, Journal Date - 07/05/2021 – IPO

WORKSHOPS ATTENDED

- Dr. Rajalakshmi Samaga B L, Professor & Head has successfully completed 12 weeks (Jan – Mar 2021) online course "Programming, data structures and algorithms using Python" conducted by NPTEL
- Ms. Jayashree K, Assistant Professor attended AICTE Training and Learning Academy Online elementary on "Robotic automation process" conducted by National Institute of Electronics and Information Technology from 17/05/2021 to 21/05/2021
- Mr. Sandeep Prabhu M, Assistant Professor attended AICTE Training And Learning (ATAL) Academy FDP on "Building Smart Things by Leveraging IOT Technology" conducted by JNNCE, Shimoga from 04/01/2021 to 08/01/2021
- Mr. Sandeep Prabhu M, Assistant Professor attended the International webinar series on Sustainable Road Safety titled "Role of Infrastructure Design in achieving Sustainable Road Safety" presented by Dr. Mavromatis, National Technical University of Athens, on 5th May 2021 organized by the Department of Civil and Environmental Engineering, College of Engineering, National University of Science and Technology, Sultanate of Oman
- Mr. Manjunath I R, Assistant Professor attended the FDP on "Cyber security" conducted by Vidyavardaka College of Engineering, Mysore from 22/03/2021 to 26/03/2021
- Mr. Divyesh Divakar, Assistant Professor completed a course from Coursera on "A Life of Happiness and Fulfillment" between 01/11/2020 and 25/01/2021