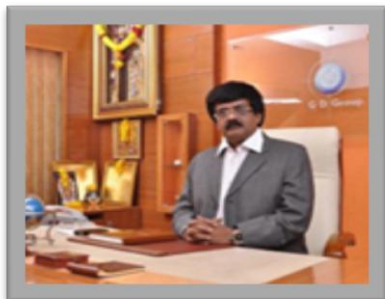


VISION

To be one of the best ECE departments in the university providing globally relevant learning experience for students

MISSION

Enrich learning experience of students with creative and innovative teaching methods. Inculcate societal responsibility in students. Develop entrepreneurial skills of students to make them entrepreneurs rather than employees. Partner with Industry for focusing on real-life problems and make learning more practical.



Chairman: Sri G. Dayanand: The “ECE pulse” newsletter of the department ECE is providing great space for the faculty and students to pen down their innovative ideas, imagination and perceptions to showcase their creativity. So, I take the opportunity to congratulate the department of ECE 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.



Executive Director: Sri G. D. Manoj: I am indeed happy to know that the department of ECE has taken initiative in realizing its monthly newsletter “ECE pulse” and urge faculties and students to make use of the platform to share and educate among themselves in publishing articles pertaining to the emerging domain and articles of interesting. I congratulate the team of editorial community and department of ECE.



Principal: Dr. H Ramakrishna: 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.



Vice-Principal: Dr. M H Annaiah

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.



Head of Department: Dr. H C Sateesh Kumar:

It gives me an immense pleasure to note that ECE Department bringing out department Newsletter. I am sure this newsletter provides an opportunity to the students and the faculties of the department to project their talents through articles, reports of the various academic and technical programs. I congratulate our beloved principal, Vice-Principal and members of editorial board for bringing out this excellent and informative newsletter.

INSIDE THE ISSUE

- Workshop on Ardiuo
- workshop on cadence tool
- Guest lectures
- Faculty Chapter

One day Hands-on Workshop Arduino

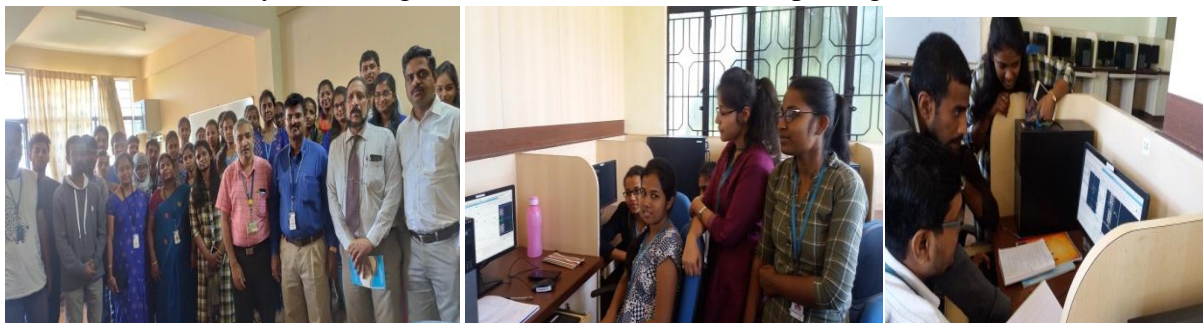
One day hands on work shop was conducted on "**Introduction to Arduino**" by N Vadhar & Mr. Siddhartha Ms.Pooja Davda Zero Point Robotics Pvt Ltd Bangalore on 29th September 2019.



The Arduino Controller and hands on using ARDUINO was demonstrated. The introduction to the various sensors and actuators and their application were described. The details of the Arduino board were discussed. The laboratory sessions included working with various peripherals including Serial Port, DC motors, IR Sensors, Ultrasound sensors and many more.

One day Hands-on Workshop using Cadence Tool

One day hands on work shop was conducted on "**Standard cells design using Cadence tool**" by Mr.Venkatesh N Layout Manager Techno Carve Solutions Llp Bangalore on 2nd October 2019



The morning session was started with VLSI domains such as Standard cells design, Analog layout design, Layout fundamentals and Cadence tools options by expert Mr. Venkatesh M and his colleagues Veena and Nitin, Techno Carve Solutions Llp. In the afternoon session the students were able to design standard cells in the lab. The session continued with topics such as Electromigration, sheet resistance calculation, compacting area and Layout shortcuts.

Guest Lecture for Faculties

A guest lecture was conducted on "Research Methodology and Paper Writing" by Dr. Veerendra Dakulagi, PhD., Post Doc(Malaysia) Dean R&D, Associate Professor, Dept of ECE Guru Nanak Dev Engineering College, Bidar on 03.01.2020



His started his speech by highlighting the topics on how to write research paper and successfully publish in international journals. The common mistakes usually by the researchers while writing the paper and how to emphasise the crucial contents in each section of the research paper sections such as abstract, keywords, introduction, methodology, drawing conclusion and future scope, selecting the good international journal dealing with SCI/SCIE, WOS, SCOPUS indexing. He advised to enroll the scholars to in research communities like Google Scholar, Research gate, Vidwan etc.

Work shop and conference attended by Faculties

1. Prof.Vinay H C attended 5 days FDP at BMSIT Bangalore on Engineering Statics and linear algebra from 31st December 2019 to 4th January 2020.
 2. Prof. Shobha H presented paper titled "Novel approach for centre frequency and bandwidth tuning in MMR based dual mode BPF" in 3rd international conference on computing and network communication IITM-KTrivendrum Kerela on 18th December 2019.
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Editorial Team

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HOD ECE: Dr. H C Sateesh Kumar

Student coordinator: Lavanya N & Nagesh (3A)

Prateek & Divya (3 B)

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