

JSS MAHAVIDYAPEETHA

JSS SCIENCE AND TECHNOLOGY UNIVERSITY

SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING



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## Department of Electronics and Communication Engineering dECibel 2022

dECibel'22 is an annual fest of the Department of Electronics and Communication Engineering. The inaugural ceremony was conducted on 20<sup>th</sup> April 2022 at IS seminar, Golden Jubilee Bhavan, JSS TI campus, Mysuru. Various activities were scheduled in connection with dECibel 2022



Prof. Rohith M N rendered the invocation, seeking the blessings of Almighty. Welcome speech was rendered by Dr. S B Rudraswamy Assistant Professor, Department of ECE. Honorable Sunanda Palanetra, Mayor of Mysuru City Corporation (MCC) was the chief guest of the program. She addressed the students by sharing her experiences and told them to maintain discipline in every job assigned.



Dr. S B Kivade, Principal, SJCE-JSS STU and Dr. M N Jayaram, Head of Department, ECE, SJCE-JSS STU graced the occasion and addressed the gathering. Dr. Gayathri S Associate Professor, Department of ECE, felicitated the chief guest. On this occasion there was a classical dance performed by Final year ECE girl students. Dr. M G Veena Associate Professor, Department of ECE proposed vote of thanks. All the teaching and non-teaching faculties of the department were present.





### **Intention and vision of sports**

The motive for conducting sports as one of the events was to bring faculties as well as students together in a umbrella (team), different mentalities will be facing each other and they blend in to show unity in diverseness. The main intention was fun and entertainment to bring happiness and smiley faces in all participants who attended the ‘dECibel’ event. Sports event brought each and every faculty and student together in spite of busy schedule of EC department and made the event successful.

### **Glimpse of sports event**



### **Day – 0 Sorting Hat Day**

Before the sports events the participants had to be divided into teams or houses. A drafting procedure was followed where the faculties were divided into 4 houses and they would become the panel members who will be choosing the student candidates into their houses. 22<sup>nd</sup> April being the Earth Day , 4 team names were made by taking this into consideration.

**Airy Antennas ( air/ether)**

**2) Frezin FlipFlops (water)**

**3) Natural Satellites (soil)**

**4) Magma MOSFETs (fire)**

## **Day – 1: Cricket**



The first day of sports started with the crowd favourite Cricket game. The day began with Dr M N Jayaram HoD, initiated by batting the first over. Teams were made which included students , teaching and non teaching faculties . The cricket game went on from 3pm to 5 pm after which had the SHOTPUT game. Three categories were made for SHOTPUT game, Faculty category, male student category and female student category.

Now for the final game of Day 1 Lagori the street favourite scheduled .

## **Day – 2**

**Volley ball**

**Throw ball**

**Cricket finals**

**Dizzy relay**

**Lagori finals**

**Tug of war**

Entering Day 2 the emotion filled fun packed day with the most number of events. Volleyball and Throwball games were played parallelly. Throwball was the game which had amplified the feelings and the fighting spirit of every individual. The entire moved to the cricket ground for finishing the cricket finale .

Dizzy relay was the most comical play. Participants had to spin in a bend fashion after which they had to run a distance to pass on the relay stick to their teammates.



Because of the dizziness caused by the spinning it was very hard for the participants to stay on track. The second last event was the Lagori finals.

Last but not the least had the Tug of War game which was a high voltage event. 4 teams used their strength to prove their dominance. Volleyball finals was held on the next day.

All teams played with a winning spirit and the unison say of all the faculties and students was possible only because of the Sports Events. The bonding which developed because of these sports can never be mimicked by any other event.

### **Think-A-Thon**

As a part of the annual fest dECibel'22, a competition Think-a-Thon was conducted on 22<sup>nd</sup> April 2022. The motive of the competition was to unleash students' innovative ideas and appreciate their problem-solving skills.

The competition was conducted in 2 rounds:

Round 1- Students were expected to submit the problem and idea in a pre-specified written format.

Round 2- Based on the presentation of the 1<sup>st</sup> round, top ideas were qualified and given 10-15 minutes to put forward the idea before the jury. Then it was followed by a short Q&A round regarding the proposal. The problem statements were as follows:

Covid affects the patients with different medical history in different ways; severity level is different for different types of patients. Therefore, treatment methods also have to be different. However, almost the same SOP is followed for every patient. If some treatment is successful on some patient with certain medical history, that information is not available to the medical community in other parts of the world. What technology-based solution, will you suggest for quick communication of reliable information across the medical community; so that right treatment is given to patients within appropriate time.

Manual scavenging is a serious social problem in India; where it is often the job of a poor, lower caste person to climb down the manholes to clean the sewage system;

depriving him/her from opportunities for better education, employment and overall better life conditions. Provide technological solutions for the same.

Climate change is seriously affecting human life on earth. For morally conscientious people, Electric vehicles are an attractive option as a mode of transport. In India, more than 50% of electric energy comes from coal which are heavy pollutants. Mileage anxiety is another problem with EVs; with no charging stations available and current quick charging options still takes a couple of hours at least. Provide a tech-based solution for the above that is both clean and efficient.

Jury panel of the competition composed of

Dr. Shreekanth T, Project Manager L&T technology services,

Suhas Krishna Kashyap, Logic Design Engineer, Intel Corporation, US

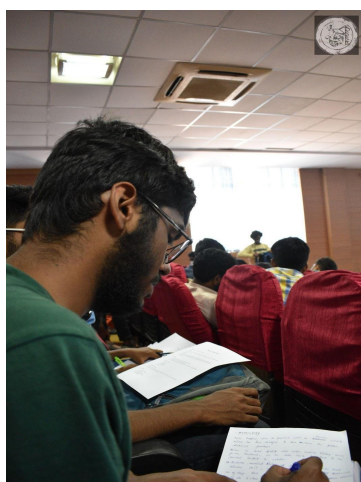
Dr. Sudarshan Patil Kulkarni, Professor, ECE

Dr. M G Veena, ECE

Prof. Thyagaraja Murthy A, ECE

Prof. Halesh M R, ECE

The judgment was made based on a single-blind review. It was a form of peer-review where the team's credentials were not known to the reviewer. Innovative, sustainable and feasible solutions were given more priority. Winner and runner ups were awarded cash prizes.





### **dECibel 2022- Cultural Fest**

Cultural evening ‘dECibel’ was conducted as a part of decibel-2022, a branch festival of the Department of ECE, SJCE, JSSSTU, Mysuru. The ‘dECibel’ cultural evening was hosted on 23<sup>rd</sup> April 2022 at MBA amphitheatre, JSS CMS Block. The event was sponsored by Temper movie (Kannada), Honda Motors, and Gruha Shobha. The Temper movie team sponsored the stage setup with speakers and an LED Screen. They also distributed the wearable caps for the audience present at the venue.

The event began at around 5:30 p.m. The event was hosted by Apeksha, MTech (Automotive Electronics) and Poornachandra Karanth K L, Final year B.E. (ECE). The audience was primarily the students and staff of department of ECE.

The event was inclusive of cultural programs by the students of Department of ECE. It began with a dance performance by Soumya Ann Joseph ( M Tech) followed by Prithvi’s (2<sup>nd</sup> year, ECE) bharatanatyam. There were songs sung by Chandan (3<sup>rd</sup> year ECE), Sanjan B M, Vadiraj, Vandana Angadi, Nikhil Naik, Shreekara, Likith and others. This was well supported by the dances in the middle by Lasitha and group, Bhuvan and group, Prithvi and team, Amrutha and group too. The audience were mesmerized with the unique Veena concert from Vaishnavi T S and team. Gokul Balaji performance with ukulele was one of the highlights of the evening too.

In the mid way of the event, the movie team of Temper arrived and there was a small stage program for the promotion of the movie Temper. The stage program was hosted by the aforementioned comperes. The movie director Manju Kavi, Producer and Hero Aryan Soorya, Heroine Kashima, child artist Master Pavan More and Associate directors were present on the stage. The stage program included the teaser release by one of the student and a symbolical release of lyrical video by the faculty of Department of ECE. The guests on the stage promoted the movie and later drawing curtains on the movie promotion.

The cultural evening not only included the performance from the students, but also had 2 professors performing on stage. Prof. Rohith , Assistant Professor, Department of ECE and Prof. Rakesh Assistant Professor, Department of ECE sang songs of their choice during the cultural evening which received amazing response from the crowd. The evening ended with a musical performance by Vadiraj and team singing “Belageddu Yaara mukhava” for which the crowd joined voices too. The crowd or the audience were fantastic. They were very responsive and maintained high energy throughout the evening. The evening ended with happy faces and charming smiles.



Temper movie team