



JAIN COLLEGE OF ENGINEERING, BELAGAVI

Department of Computer Science and Engineering



E-Newsletter

**AUGUST – DECEMBER
2023**

In Association with



“FACE”

**Fraternity of Astute Computer
Engineers**



**CHRONICLES
2023**

About the Department

The Department of Computer Science and Engineering has been successfully functioning since 2010. Department is committed to encourage students/researchers to carry out innovative research in the field of Computer Science & Engineering, keeping excellence in focus and deliver quality services to match the needs of the technical education system, industry and society. Our graduates have distinguished themselves in higher studies at the top Universities. They also occupy positions of eminence in the computer industry. Our Alumni remain in constant touch with us and are contributing to the development of the department. Placements for our graduates are the best.

The Department of CSE takes care of the Software & Hardware requirements of the entire Institute. The strength of the CSE Department is its Alumni, which adds a good amount of perception rating to the department by being most illustrious.

Vision

To create a Centre of excellence in teaching, learning and professional environment in the discipline of Computer Science and Engineering addressing emerging and existing challenges striving to meet the requirement of both industry and society.

Mission

- To provide value-based quality technical education and training with continuous improvement in the discipline of Computer Science and Engineering.
- To develop professionals to meet the requirements of industry and society.
- To promote innovation, dedication, and hard work with ethically and professionally responsible behavior.

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- Faculty Desk

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ADMINISTRATION

Dr. J. Shivakumar

Principal & Director

Dr. Uttam Patil

HOD, CSE

Prof. Shweta Mugalihal

FACE Co-Ordinator

Student Co-Ordinators

Mr. Pratham Patil

VII Sem

Ms. Sakshi Sadalge

VII Sem

Ms. Prachi Kamate

V Sem

Mr. Vinayak Govanakop

V Sem

Student Editor

Mr. Pranav P Thorushe

VII Sem



DEAR READER'S

It is with great pleasure that we bring "CHRONICLES", the half yearly newsletter of JCE, CSE. With faculty that consists of bright minds and students who are keen to leave a mark, our future is in safe hands indeed. I am thankful to my students for coming up with the name of the newsletter. The current newsletter highlights the activities of our students and the achievements of faculty during the past six months. It also features visits by resource persons. The intent of this newsletter is to disseminate information about our Institute, and I hope that the readers find the issues informative and useful.

I am thankful to the faculty and staff of Department of CSE for their valuable inputs, and welcome suggestions and feedback that will help improve further.

HOD DESK



Dr. Uttam Patil
Professor & HOD



EDITOR'S DESK



Prof. Sudhir Wakude
Asst. Prof CSE



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Offline Alumni Meet (13th August 2023)

On 13th August 2023, the Department of Computer Science and Engineering has organised Alumni Meet. Objective of this meeting was to build alumni network and maintain endless relationships.



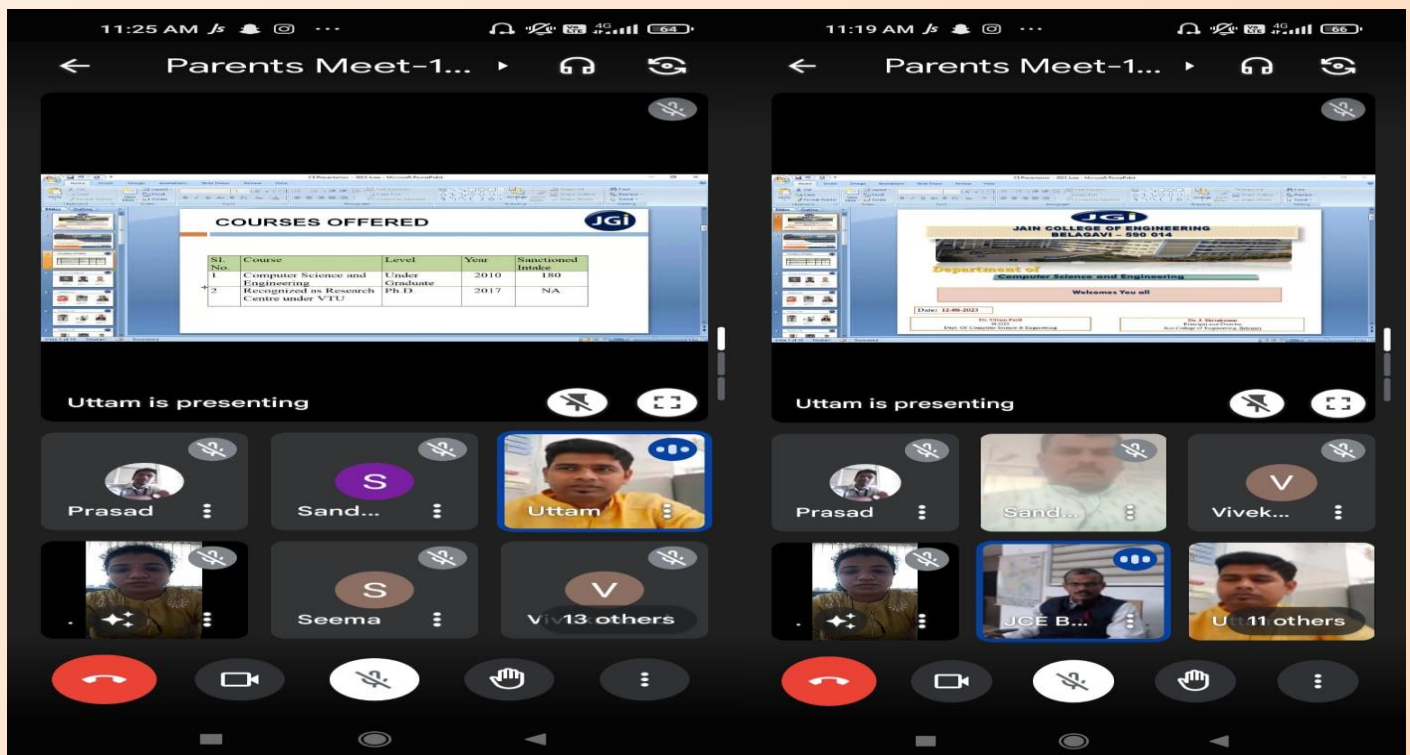
AICTE MERI MATI (5th August 2023)

As part of the AICTE MERI MATI JCE initiative, a planting saplings in college campus was organized on 5th August 2023. The students of Computer Science Department and NSS Volunteer where participated.



Online Parents Meet (15th August 2023)

On 15th August 2023, the Department of Computer Science and Engineering at Jain College of Engineering, Belagavi organised Parents Meet. Objective of parents meeting was to communicate the students' progress in the college and to solve any difficulties the student is facing. This facilitates to develop relationships among parents and with teachers.



76th Independence Day Celebration (15th August 2023)

On 15th August 2022, the Department of Computer Science and Engineering celebrated Independence Day. "Let's celebrate the diversity of our incredible nation this Independence Day! The Department of Computer Science representing Uttar Pradesh, Jharkhand, Chhattisgarh different states of India, and let our unity in diversity shine brightly. Embrace the rich tapestry of cultures that make our country unique and vibrant. Together, let's honor our heritage and stride forward as one proud, united family.



NSS Activity (12th August 2023)

Charity cannot be a solution to fighting hunger. At a time when India is fighting malnutrition and poverty, it's sad to see people wasting food while eating out at restaurants. On 12th August Team Yamuna and Team Kaveri volunteers reached out to various restaurants here at Belagavi City Using awareness stickers on tissue holders and hotel walls to inform customers about the disposal of table waste is a creative and effective way to raise awareness. This strategy not only engages customers but also encourages them to reflect on their impact on waste management.



Visit to KSRP High School Macche (16th August 2023)

The NSS Volunteers of Computer Science Department had been to 'Marathi SCL: Karmaveer Vidhya Mandir High School' and 'Kannada SCL: KSRP High School Macche on 16/08/2023

They discussed the proactive and impactful initiatives taken to promote menstrual cycle awareness and tackle PCOD/PCOS awareness among students.



Visit to Ashraya Foundation (16th August 2023)

The NSS Volunteers of Computer Science Department. The 'Team Arjuna' visited Ashraya Foundation who care for HIV children, which is in Mahantesh Nagar. We indulged in Singing, Dancing, Musical Chair and had a magnificent time with those enthauistic children. Moreover we also donated groceries and personal hygiene items to Ashraya Foundation.



Institutional Innovation Council

Institutional Innovation Council has organized Startup/ Idea competition through Yukti. The Winner of Computer Science and Engineering Department are Sakshi Sadalge and Akshata Chougule from VI sem

Project Title: GST Billing Application



Poster Presentation competition

Poster Presentation competition on "Biology for Engineers" for 4th Semester students of CSE departments on 26th August 2023.

Dr. J. Shivakumar, Principal and Director, appreciated the involvement and enthusiasm of the students and faculties to make this event successful. Also, he mentioned the importance of Engineers to play the roles in Biotechnology.



Alumni of JCE CS

Congratulations to Ms. Rajashri Chitti (Alumni) for securing First Rank in M.Tech(DSA) from MIT World Peace University Pune.



Cleanliness Drive (4th September 2023)

As part of the clean and Green JCE initiative, a cleanliness drive was organized on 4th September 2023. The students of Computer Science Department and faculty members participated in the drive and cleaned the college premises.



Smart India Hackathon 2023



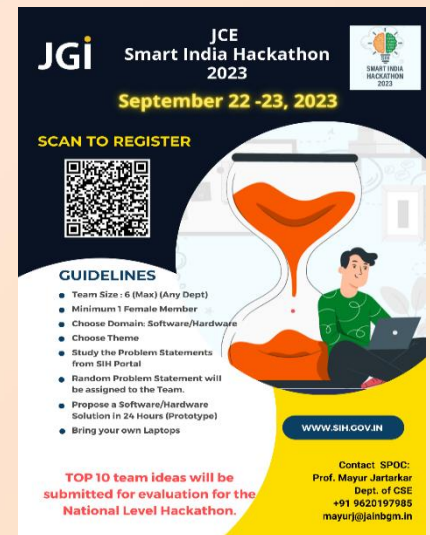
JCE Smart India Hackathon Report

The JCE Internal Hackathon for SIH 2023 was held at the Jain College of Engineering (JCE), Belagavi on the September 22-23, 2023. The event was organized to evaluate the SIH submissions of the various student teams. Teams from all branches of the institute participated in the hackathon. The hackathon was organized at the Computer Lab in the Department of Computer Science.

Students were first asked to register their teams with team names, themes and problem statement code. Registration links and SIH guidelines were shared using the registration poster. Students scanned the QR code and submitted all the information on the google form.

Students were also provided an SIH overview through a virtual meeting on Google Meet where the SPOC introduced the hackathon and the prizes for the winning teams.

Faculty coordinators from each department helped the students with their ideas to prepare a more polished prototype to be presented at the hackathon.



Presentations for the JCE Internal Hackathon were held on September 22 - 23, 2023. Several teams participated at the Hackathon. Each team was given 15 minutes to present their idea and demonstrate their prototype to the judges. Judges provided their valuable inputs to improve the solutions and the SIH presentations.

The Judging panel consisted of the following members:

- 1. Dr. Vidya Dandagi, Ph. D.**
HOD, Dept of MCA, JCE Belagavi.
- 2. Prof. Apurva S. Angadi, M. Tech (Construction Management)**
Assistant Professor, Dept. of Civil Engineering, JCE Belagavi.
- 3. Prof. Shahak Patil, M. Tech (Digital Electronics and Comm Sys)**
Assistant Professor, Dept. of Electronics and Communication, JCE, Belagavi
- 4. Prof. Siddharth Bhatkande, M. Tech (Computer Science)**
Assistant Professor, Dept. of Computer Science and Engineering, JCE, Belagavi

The selected teams were asked to identify mentors for their teams and also provided further instructions for submitting their solution to the SIH portal.

Judges Evaluating the Presentations

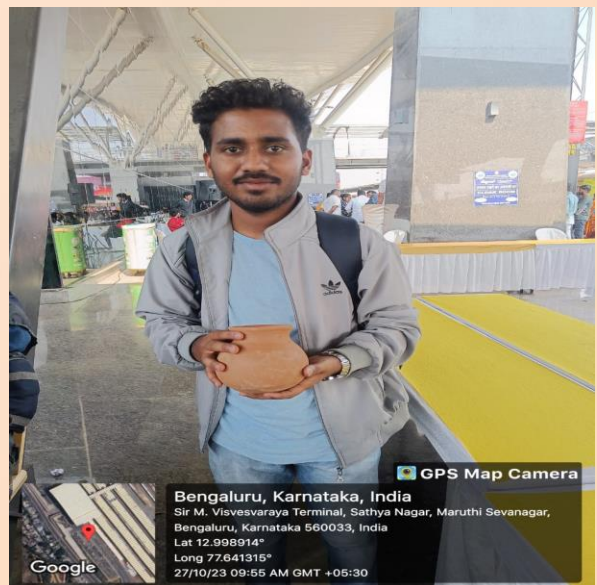


Student Teams at the Hackathon



Meri Maati Mera Desh (27th Oct 2023)

The student of Vth Sem Computer Science Department MALLIKARJUN KULLOLLI travelling to Delhi for Meri Maati Mera Desh: Amruta Kalasha Yatra with Amrit Kalasha from Machhe Pattana Peeranwadi Panchayat



Bengaluru, Karnataka, India
Sir M. Visvesvaraya Terminal, Sathy Nagar, Maruthi Sevanagar,
Bengaluru, Karnataka 560033, India
Lat 12.998914°
Long 77.641315°
27/10/23 09:55 AM GMT +05:30

Visited Sumruddha Foundation 21st Nov

Student of final year Miss ROJA SANDIMANI were felicitated by North MLA Raju Sait for volunteering as Scribes for Blind Students of Sumruddha Foundation.



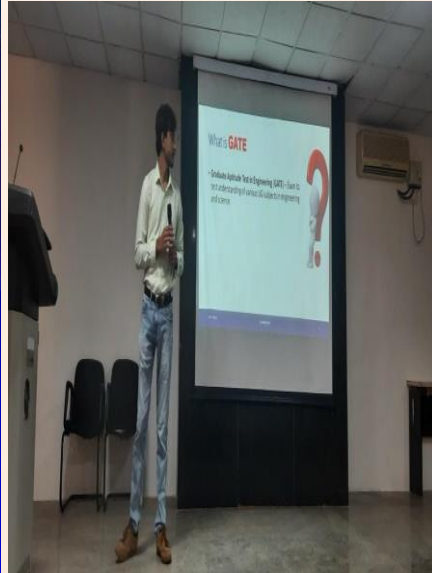
Cybersecurity Hackathon

Students of Final Year secured 3rd place in National level 24 hours Cybersecurity Hackathon held at MIT Mysore on 23rd and 24th November 2023. Team Members are Sohan Sattigeri , Kennith Shinde , Ritesh Sungar , Prem Jituri.



Gate Awareness Program on 28th Nov 2023

Session on Gate Awareness Program guest By Dr Sushant Mutagekar for 3rd Semester Students.



Poster Competition (25th Nov 2023)

Comparative Analysis of Leaf Disease Datasets and Identification methods for application in Precision Agriculture for Commercial Grass Crops

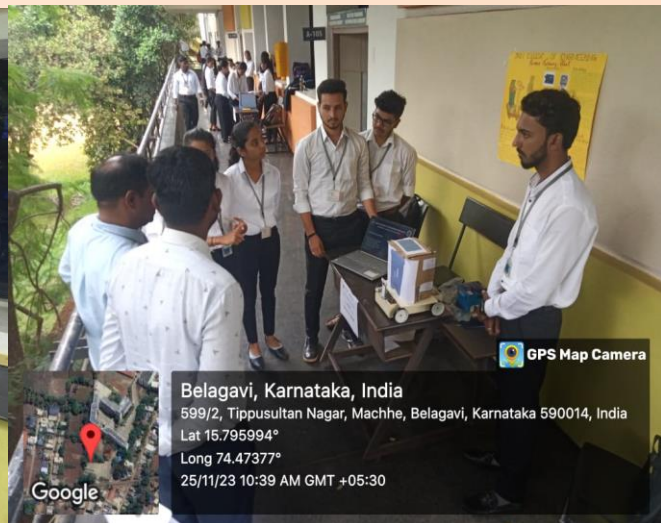
Nikita Kittur

Omkar Budruk

Prachi Kamate

Sahana Addanagi

Under the guidance of Dr. Uttam Patil, Prof Mayur Jartarkar Department of Computer Science and Engineering.



ANNUAL SPORTS FEST

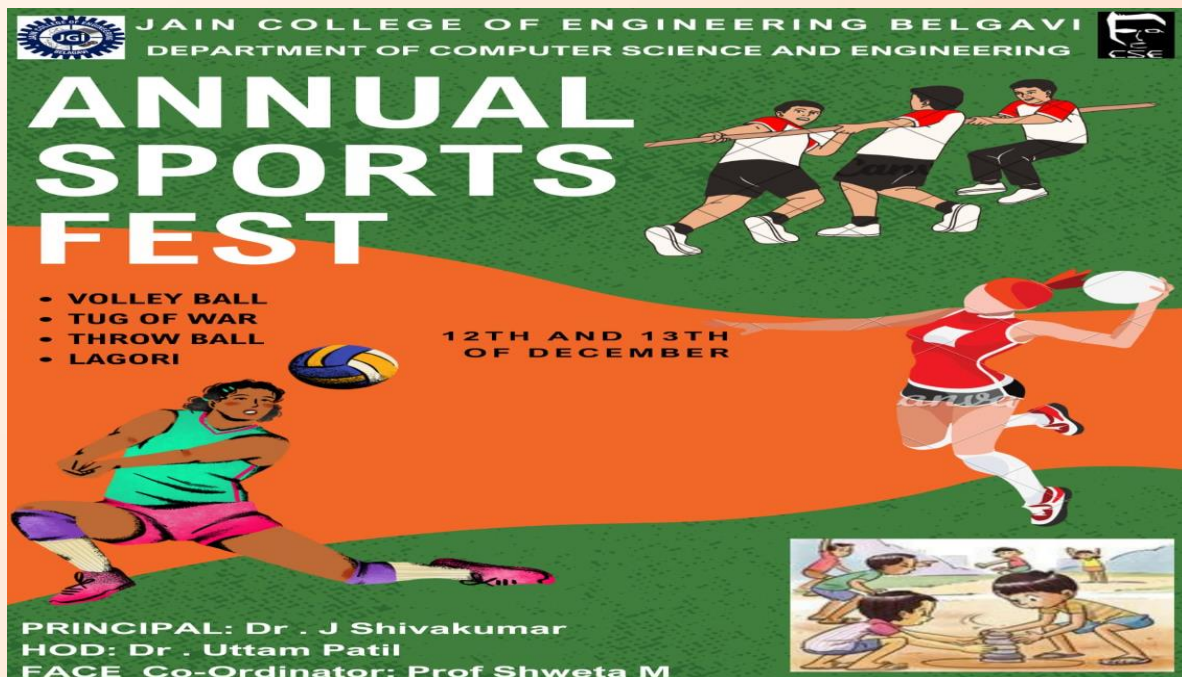
This event was organized by Department of Computer Science and Engineering on 12th and 13th of December 2023. The event mainly focused on Outdoor games such as Throw ball, Tug of war, Volley ball, Lagori, cricket etc. It was organized to the students of Computer Science and Engineering Department by the students of our department in which many students actively participated in all the games.

Day-1 Events:

- Treasure Hunt
- Throw Ball
- Tug of war

Day-2 Events:

- Volley Ball
- Lagori
- Box Cricket



Technical Talk

“Technical Talk on Unveiling the Power of Generative AI”

We, CSE Department in collaboration with ISTE Student Chapter, JCE Belagavi are organizing a “Technical Talk on Unveiling the Power of Generative AI” on **19th December 2023**.

Resource Person: Ms. Chetana Sarang Founder & CEO of Dattamsh Edtech LLP.



ORPHANEAGE VISIT

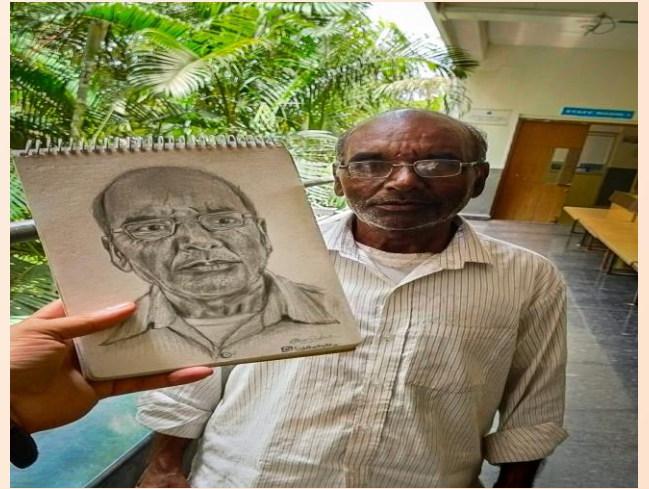
5th sem students had organized Christmas event in ANMOL TANGUDHAMA orphanage on 25th December 2023, they provided shelters to 45 students. It is located in Santi Bastwad. Dr. Uttam Patil HOD joined with us for the celebration. The organization also expressed their gratitude to us and thanked us.



Student Contribution & Achievements

Fine Art by Student

Omkar is CSE 4th sem lateral entry student, he got first prize at the Belgaum Art Fest 2021 exceptional talented boy. He was honored by Mangala Angadi Mam, Member of Parliament, for his remarkable contributions to the world of art.



SAVISHKAR

3rd Semester Computer Science & Engineering students won the first prize in Hack verse event at SAVISHKAR. A national level techno cultural fest, which was organized by Jain College of Engineering and Research, Belagavi.

- 1) Avishkar Yallurkar
- 2) Atharva Subhedar
- 3) Hiren Patel



7th Semester Computer Science & Engineering students student's won 🏆 prize in yukti Project idea competition, organized by Jain College of Engineering

Project Title: College placement management system with AI resume analyzer

Project Members:

- Kapil D Gurav
- Prajwal Gurlhosur
- Pranav P Thorushe
- Sejal Sanjay Kundekar

Under the Guidance of: Prof. Shweta Mugalihal



Faculty Achievements

Prof. Ryan Dias, affiliated with Jain College of Engineering in Belagavi, was awarded with a Ph.D. during the VTU convocation held on 1st August 2023.

Prof. Ryan Dias, who is a member of the Computer Science Department at Jain College of Engineering has successfully obtained his Ph.D. from VTU on 1st August 2023. His research topic, 'Performance Measurement and Comparison of Localized GPS using Machine Learning for Wireless Networks,' was guided by Dr. Sayed Abdulhayan.

In total, the thesis includes three Scopus-indexed papers that have been published in peer-reviewed journals. Additionally, the research work has been patented in the year 2022. Apart from his research contributions, he has been involved in the publication of papers in reputable journals and has contributed to patents as well.

Over his 11 years of teaching and research experience at JAIN University Bangalore, he has actively participated in Faculty Development Programs (FDPs) and has organized various workshops. Furthermore, he has gained practical experience in the IT industry, having worked at IBM Bangalore and UTL.

The research is centered around creating localized positioning mechanisms that leverage machine learning algorithms to precisely identify and locate previously unknown target locations within wireless networks. The prototype model devised in this study has proven effective in resolving this challenge.



NPTEL Course

Dr Uttam Patil, Professor in Department of Computer Science and Engineering completed a NPTEL course on Python for Data Science during August 2023.

Dr Ryan Dias, Associate Professor in Department of Computer Science and Engineering completed a NPTEL course on Introduction to Machine Learning during June-July 2023.

DEPARTMENT TOPPERS

4th SEM TOPPERS



SAKET RAJ



SAHANA PATIL



SHRUSHTI PATIL



ROHINI R



RADHIKA MITHARI

6th SEM TOPPERS



TEJAS GURAV



ANIL LAMANI



SHAHIST NADAF



RUCHITA P KARAV



DEEPESH SHENOY

8th SEM TOPPERS



ADITI PATIL



AKANKSHA R



ANIKET HUNDRE



ISHA S PATIL



SHEJAL VERNEKAR

PLACEMENT HIGHLIGHTS

➤ Oracle [12.7 LPA]



| KIRTHI KOTRASHEETI

➤ Persistent Systems Pvt Ltd [5.2LPA]



| AMRUTHA R

➤ Doshahen Solutions Pvt Ltd [6 LPA]



| TEJAS GURAV



| SURAJ KAREPGOL



| GIRIDHAR PATIL

FROM THE PLACEMENT BOARD

For the academic year 2023-2024 more than 22 companies have participated for the recruitment drive and a total of 52 students have got the job offers from Engineering/MCA/MBA of 2023 - 2024 batch. Highest salary of **12.7 LPA** was given by Oracle. More than 15 IT and 5 Core Mechanical companies have participated in the recruitment process.

WE WANT TO SAY
Thank you
FOR YOUR SUPPORT