IEEE INAUGURATION PROGRAM REPORT

Embrace Innovation, Navigate with Technology, and Illuminate Tomorrow with IEEE

Introduction

Welcome to the IEEE Inauguration Program Report by Cambridge Institute of Technology, North Campus. It is with immense pride and excitement that we present an overview of our recent IEEE inauguration event, during which we hosted an invigorating Idea Presentation Competition. Our college, a hub of innovation and knowledge, believes in nurturing the sparks of creativity and technological prowess among our students.

This event was a testament to our commitment to fostering intellectual curiosity, promoting innovation, and creating a space for young minds to shine. The Idea Presentation Competition served as a captivating platform where bright ideas were brought to life, and visionary concepts were shared, laying the foundation for a brighter technological future.

In this report, we will journey through the highlights, achievements, and the vibrant atmosphere that characterized our IEEE Inauguration Program. Together, we celebrate the spirit of innovation and the quest for excellence that defines Cambridge Institute of Technology, North Campus.

INAUGURAL CEREMONY OF IEEE STUDENT BRANCH
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CAMBRIDGE INSTITUTE OF TECHNOLOGY, NORTH CAMPUS
Cordially invite you

DATE
Friday, 27th
October 2023

TIME
11:30 AM
04:30 PM

IEEE Bangalore Section

Director	CEO	Principal
Dr. K. Udaya Kumar	Dr. Adviteeya Uday Kumar	Dr. Satyanarayan Reddy

GUEST OF HONOUR

Prakasha G
Registar of SVCE, Live Member of ISTE, IEI and IETE

Prof. Santosh Kumar S
Branch counselor of SVCE, IEEE RTEICT Internation Conference Co-ordinator 2016 - 2021

Srushti N Govindagoudar
IEEE Chair from SVCE, Bengaluru

ORGANIZERS

Avudari Sivasai — Chair
Sairaj Todkar — Vice-chair
Niranjan J R — Secretary
Chandana K S — Treasurer
Rahul Raj — Webmaster
Srijani Mondal — Host
Aastha Naveen — Member
Dharani M — Member
Rimi Kumari Jha — Member
Sanjana Y A — Member
Pavithra K — Member
GM Rakshitha — Member

Guests

Prakasha G
     Registrar of SVCE, Live Member of ISTE, IEI and IETE

Prof. Santosh Kumar S
     Branch counselor of SVCE, IEEE RTEICT International
     Conference Coordinator 2016 - 2021

Srushti N Govindagoudar
     IEEE Chair from SVCE, Bangaluru

Dr. Adviteeya Uday Kumar

Adviteeya Udaya is a professional with a diverse background in technology and finance. He holds a Master's Degree in Computer Science from New York University and a Bachelor's Degree in Computer Science from Dr. Ambedkar Institute Of Technology. With his education and experience, he has a strong foundation in computer science and software development.

During his time at Morgan Stanley, he worked as a Technology Associate, where he was involved in the development of high-performance, low-latency applications for the market risk team. His responsibilities included evaluating the company's risk exposure by considering risk measures like VaR, Stressed VaR, and Systemic Risk. This experience demonstrates his expertise in financial technology and risk analysis.

As a Software Engineer at Accenture in India, he contributed to projects for organizations like the Medicines and Healthcare products Regulatory Agency (MHRA) and the London Stock Exchange (LSE). His work involved developing modules to support infrastructure frameworks, conducting knowledge transfer sessions, and creating test plans and regression test scripts. His diverse experiences at Accenture highlight his versatility in software development across different domains.

His educational background is also notable, particularly his master's project involving the simulation of a stock exchange and his work on concurrency control and recovery mechanisms in a distributed database. These projects showcase his technical proficiency and problem-solving skills.

In summary, Adviteeya Udaya is a well-rounded professional with a strong academic foundation and a range of practical experiences in software development, finance, and technology. His contributions to high-performance applications and his involvement in financial and regulatory projects reflect his expertise in these areas.

Dr. K. Uday Kumar

Dr. K. Udaya Kumar obtained his Masters degree from Indian Institute of Science, Bangalore and Doctorate degree from Yugoslavia. His knowledge base encompasses a wide gamut of subjects in the field of Computer Science and Electronics & Communication Engineering. With more than 3 decades of teaching experience, Dr. K. Udaya Kumar has authored a number of books that are popular among the staff and students of Visvesvaraya Technological University (VTU) and other universities. He also delivered lectures over EduSat (Educational Satellite) for the benefit of entire student community of VTU and has a number of publications to his credit.

Dr. K. Udaya Kumar has worked as Professor of Computer Science at MSRIT, Dr. AIT and BNMIT. He has also worked as Principal of Dr. AIT and BNMIT. In VTU, he held very responsible positions like Member of Executive Council, Member of Academic Senate and Chairman – Board of Studies (Computer Science). He also has the honor of delivering guest lectures at many universities in India and abroad.

In addition, he is a Rotarian serving the society with the motto *'Service above self'*.

Dr. Satyanarayan Reddy

Dr. K Satyanarayan Reddy is Professor in the Department of ISE. His academic interests include Artificial Intelligence, Software Architecture, Big Data, Database Management Systems, Data Structure & Algorithms and Computer Architecture (taught more than 70 Subjects in the field of Computer Science & Engineering). In addition to his interest in academics, he also focuses on research in the area of AI & ML, Big Data, Network & Cyber Security, WSN.

He holds an M.Tech degree in CSE from the Indian School of Mines Dhanbad (Now IIT, Dhanbad), and completed his Ph.D from School of Information Technology, Dept. of Computer Science, Dravidian University, Kuppam, AP in the Year 2012. He has participated in various workshops and Faculty Development Programmes held by various colleges.

He has around 31 years of overall Teaching Experience and 3 Years of Industrial Experience and is associated with Cambridge Institute of Technology from January 2011.

Guided more than 100 B.E. and 85 M.Tech students in their seminars and Project dissertations.

Currently guiding 7 Students for their PhD in Computer Science & Engineering discipline at Visvesvaraya Technological University (VTU), Belgaum [RSRI: VTU08173513] and 3 Students as Co-Guide [2 under VTU, 1 under Annamalai University, TN].

Dr. Anand Kumar

Dr. Anand Kumar is a distinguished academician with over two decades of experience in both industry and academia, dedicated to delivering top-quality education certified by the Accreditation Board of Engineering and Technology (ABET) in the USA. He holds the esteemed title of Senior Member in the Institute of Electrical and Electronics Engineers (IEEE), underlining his significant contributions and expertise in the field.

As a Senior Member of IEEE, as well as memberships in ACM and CSI, Dr. Kumar holds various international advisory board roles and actively participates in research while mentoring both Ph.D. and postgraduate scholars.

Currently, Dr. Kumar serves as the Dean of Computer Science and Engineering at Cambridge Institute of Technology, Bangalore, a position he has held since 2022. He has also been the Dean at M S Engineering College, Bangalore, since 2011.

With a Ph.D. from Saurashtra University, Rajkot, and an M.Tech degree, Dr. Kumar continually enhances his expertise through certifications, such as Training of Trainers and Google Cloud Computing. His impressive list of accolades includes the prestigious ABET-PEV accreditation and NPTEL Advanced Faculty recognition.

Dr. Kumar's impact extends to serving as an external PhD Adjudicator, actively guiding students, and contributing to professional organizations like ACM, CSI, and IEEE as a Senior Member. His dedication to excellence in education and research makes him a leading figure in the field of computer science and engineering.

Prakash G

Prakasha G has 20 years of teaching and 4.8 years of industrial experience. He received B.E degree from U B D T College of Engineering, Davanagere and Masters degree from Malnad College of Engineering, Hassan. His area of interests include Wireless Sensor Networks, Network Communications and Embedded Systems. To his credit prolifically published around 14+ papers in national / international journals and conferences in scopus indexed journal. He has received grants from VTU. He is a Life member of ISTE, IEI and IETE. He is also a member of IEEE. He is a Globally Certified professional in Cloud Infrastructure Services, Cisco certified Networking Professional, Dell EMC certified in Storage Area Network. Member of IEEE TEMS Presently he is pursuing his Ph D in Wireless Sensor networks in the domain of Energy Optimization.

His Teaching Area are:

- Electronics Device & Circuits

- Embedded Systems

- Wireless Communication

- IoT

- Communication Networks

- Microprocessors & Microcontrollers

- Artificial Intelligence
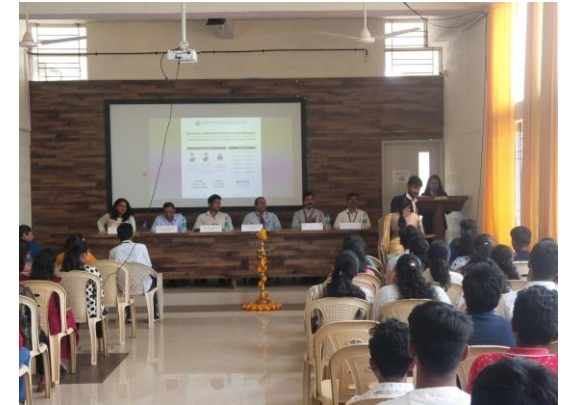
Prakasha GREGISTRAR, SVCE, Bengaluru

Srusthi N Govindagoudar

I am Srushti N Govindagoudar, presently holding the position as IEEE chair from Sri Venkateshwara college of Engineering, Bengaluru. My roots are basically from the Department of Electronics and Communication Engineering. I'm an active IEEE member serving the positions as IEEExtreme 17.0 ambassador, IEEE PES HAS Ambassador 2034, IEEE YPISC-2023 ambassador and also campus ambassador for the last 2 years. Recently i published an IEEE paper on the topic " Crop yields Prediction using AI techniques" with my HoD and other professors.It gives me immense motivation and energy to work with Embedded Systems. My journey of Embedded systems started in my first year when i started my initial projects with my professors and friends. I have been a part of many projects such as Smart car Parking System (Hardware), Cargo-Cycle building challenge (AICTE), Chandrayaan 3 lander and rover working mini models, microcontroller based software programs and currently working on Smart Car Parking system (software) and its mobile application as a part of Smart India Hackathon 2023.As part of non-technical, i have hosted many shows and college fests. Hosted for TVS motors for their bike show. Hosted for Decathlon for their cycle rally. I am very passionate to play basketball and been in the college team and lead as a Captain of the teamHere's my journey as far as today.

Mail id: srushting999@gmail.com

Participants

Keynotes

Speech by Guests

Prakash G

    Topic : Presentation on IEEE Activities

Srushti N Govindagoudar

    Topic : Student activities at IEEE and opportunities

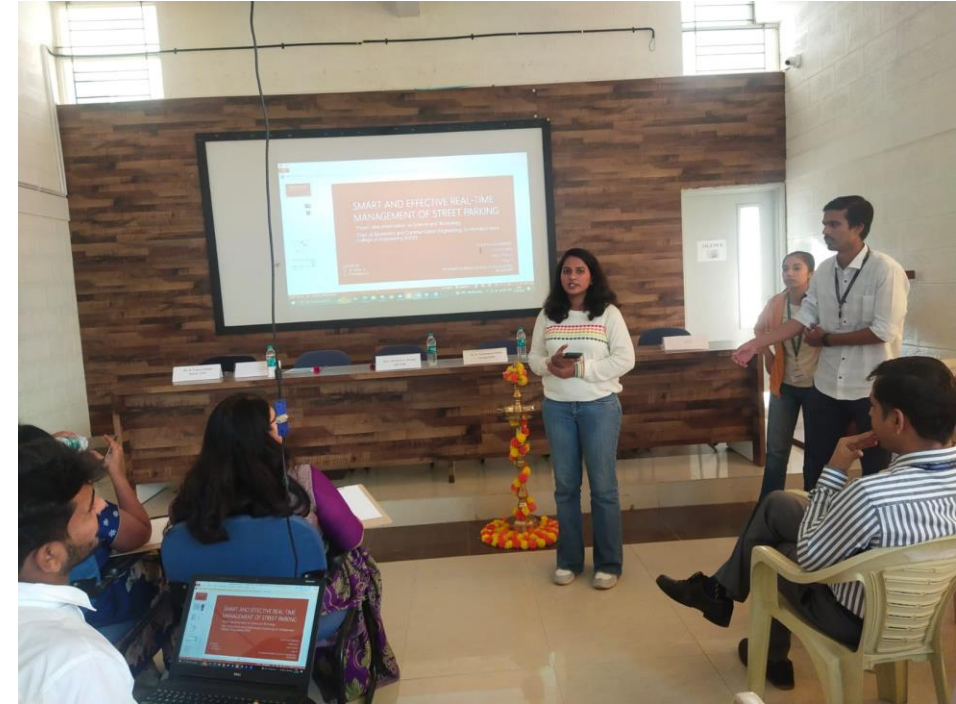   for student

Events

•   Idea Presentation Event

Idea Presentation Event

BENEFITS OF IDEA PRESENTATION EVENT

1. **Sharing Knowledge:** Idea presentations allow individuals to share their insights, expertise, and knowledge on a particular topic, which can help educate and inform the audience.

2. **Effective Communication:** Presenting ideas hones communication skills. It requires the presenter to articulate thoughts clearly, improving their ability to express themselves effectively.

3. **Promotes Critical Thinking:** Developing an idea for presentation often involves deep research and critical analysis, enhancing problem-solving and critical thinking abilities.

4. **Feedback and Improvement:** Presenters receive feedback from the audience, which can help them refine and improve their ideas. Constructive feedback is invaluable for personal and professional growth.

5. **Enhances Confidence:** Successfully presenting an idea can boost one's self-confidence and public speaking skills, making them more comfortable and effective communicators.

6. **Knowledge Application:** Idea presentations encourage the application of theoretical

Idea Presentation Event

PROCEDURE OF IDEA PRESENTATION

1. **Registration and Preparation:**

- Teams register in advance with topics.
- Organize a schedule with randomized time slots.
- Ensure equipment is set up and tested.

2. **Presentations (15 Teams, 10 Minutes Each):**

- Teams present their ideas within 10 minutes.
- Q&A for 5 minutes after each presentation.

3. **Evaluation:**

- Judges score and provide feedback.
- Organizers record scores.

4. **Breaks:**

- Short breaks for networking and refreshments.

5. **Awards Ceremony:**

- Announce winners and recognize exceptional presentations.
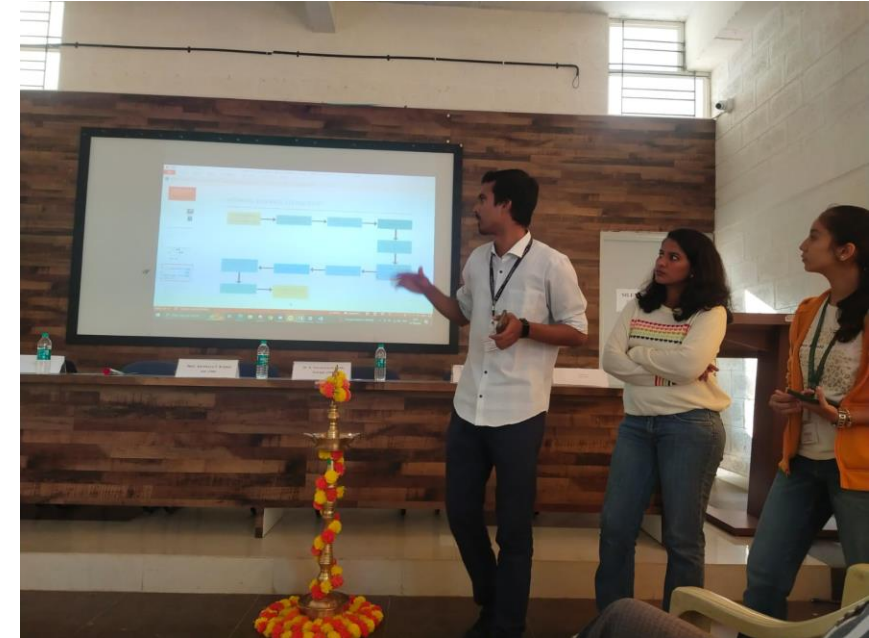
6. **Closing and Networking:**

- Thank participants and encourage networking.

Idea Presentation Event

TAKE BACKS FROM THE COMPETITION

- **Improved Communication Skills:** Presenting your idea in a competition setting hones your verbal and non-verbal communication skills. You become more adept at conveying complex concepts clearly and persuasively.

- **Confidence Building:** Successfully presenting in front of an audience and judges boosts self-confidence. This newfound confidence can extend to other aspects of your personal and professional life.

- **Critical Thinking and Problem Solving:** Developing and presenting an idea often requires extensive research, analysis, and critical thinking. This skill is transferable to various areas of your life.

- **Feedback and Learning:** Judges and audience feedback provides valuable insights. You can learn from constructive criticism and adapt your ideas for improvement.

- **Networking:** Idea presentation competitions offer opportunities to network with peers, judges, and audience members who share similar interests, which can lead to valuable connections.

Idea Presentation Event

WINNERS

Conclusion

In conclusion, our Idea Presentation Event has been an incredible journey of innovation, creativity, and intellectual exchange. We witnessed 15 remarkable teams step forward with their unique ideas, each presentation a testament to the power of human imagination and knowledge.
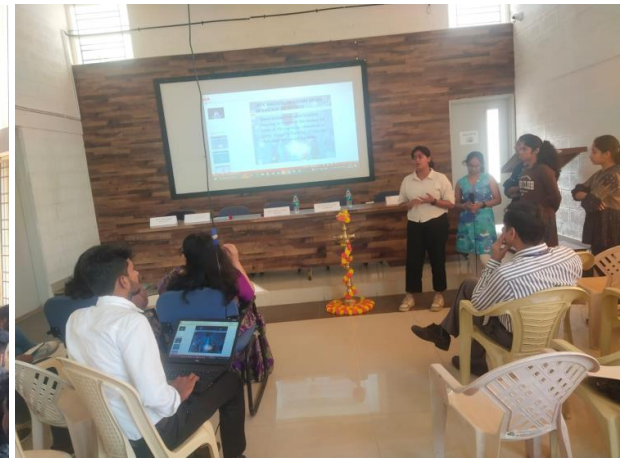
Throughout this event, we have seen the transformative impact of effective communication, the cultivation of critical thinking skills, and the profound growth of our participants. The camaraderie and networking opportunities that arose were instrumental in building connections and fostering collaboration among like-minded individuals.

We applaud the dedication and hard work of all participants, the thoughtful feedback from our esteemed judges, and the unwavering support of our audience. It is your collective enthusiasm that has made this event a resounding success.

As we move forward, let this event be a stepping stone toward further exploration and innovation. May the ideas shared here continue to evolve, creating ripples of change and advancement in the field of technology and beyond.

Thank you for being a part of this journey, and we look forward to more such inspiring events in the future. Together, we are shaping a brighter, more innovative tomorrow.

Thank you!