



Hands on session in Mastering Microcontroller Peripherals workshop

Department of Electronics and Communication Engineering (ECE) organized Four-Days workshop on “**Problem Solving Techniques Using C++**” and “**Mastering Microcontroller Peripheral**” from 20th to 23rd November 2024 for the 3rd semester students. The event aimed to enhance students programming skills particularly in C++ and explore its application in mastering microcontroller peripherals for real-world system development.

The Resource person for “**Problem Solving Techniques Using C++**” was **Dr. Ramprasad H C, Head-Academics & Operations, 10 Seconds, Bengaluru**. The Resource persons for “**Mastering Microcontroller Peripheral**” were **Mr. Vinod and Mr. Vybhav. M, Engineers from Pravega Semi Pvt Ltd, Mysuru**.

The event commenced with a warm welcome to the distinguished resource persons as well as the participating students. Dr. Rajendra R. Patil, Professor and Head of the Department of ECE, highlighted the importance of Problem Solving Techniques in C++ and Embedded Systems. He stressed the relevance of these skills in improving the efficiency of device functionality and their role in driving innovation and creating new career opportunities. He emphasized that proficiency in C++ and the use of industry-standard tools are crucial for students to build advanced, efficient systems and contribute to the tech industry.

Dr. Ramprasad H C gave a brief introductory session with the program concepts in C++, an exploration of reference usage for aliasing variables, and a detailed explanation of the “this” pointer's role in storing object addresses. Access specifiers, both public and private, were elucidated, along with the significance of friend functions as access bridges between classes. The session also covered guidelines for default arguments in function declarations and the merits of inline functions



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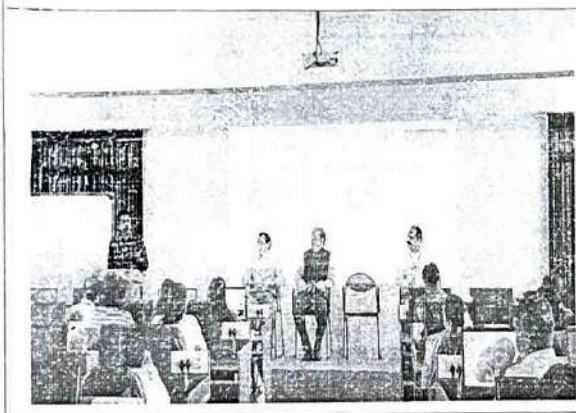
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**Press Report
FDP on Embedded systems and Edge AI-Industry Perspective”
On 24th July 2025**



Glimpses of FDP held on 24th July 2025.

The Department of Electronics & Communication Engineering at GSSS Institute of Engineering and Technology for Women (GSSSIETW) Mysuru has organized a Faculty Development Program (FDP) on “ **Embedded Systems and Edge AI- An Industry Perspective**” on **24th July 2025** under IETE students Forum. The event was conducted with an objective to provide faculty members with in-depth knowledge in Embedded systems design and Edge AI technologies, enabling them to understand hardware-software integration, development of intelligent edge applications, and incorporate emerging trends into teaching, research, and innovative projects.

The Faculty Development Programme (FDP) commenced with a formal inaugural session, marked by the presence of distinguished faculty and industry experts. The session began with a welcome address by **Dr. Latha M.**, Associate Professor, Department of ECE, who warmly greeted the dignitaries and participants.

This was followed by an address by **Dr. Rajendra R. Patil**, Professor and Head, Department of ECE, who provided valuable insights into the FDP's theme. He highlighted the current trends in Embedded Systems and Edge AI, discussing their growing relevance in industrial applications and the importance of integrating these advancements into academic curricula.

The Chief Guest and resource person, **Mr. Ashok Govindarajan, Head of Solutions – Wireless Networks, Zilogic Systems, Chennai**, delivered an insightful keynote. He underscored the critical role of industry-academia collaboration in addressing real-world problems through innovative research and development. His talk provided practical perspectives from the industry, encouraging faculty to bridge the gap between theory and application.

Dr. Shivakumar M., Principal, GSSSIETW, felicitated the Chief Guest and spoke on the importance of attending FDPs. He emphasized that such programs equip faculty members with the latest trends, technologies, and methodologies, ultimately leading to enhanced teaching effectiveness and improved classroom engagement. The FDP coordinators **Dr. Shymala.C.**, Associate Professor, **Dr. Anitha.K.**, Assistant Professor & IETE coordinator and faculties from various departments of the institute were present during the event.

The event concluded with a valedictory function, Mr. Yuvaraju, Assistant Professor, Dept of ECE has rendered vote of thanks for gracing the occasion and the participants were given with participation certificates.

Smt. Anupama B Pandit, Secretary, GSSS(R) and Sri Bharath R K, Member & CEO, GSSS(R) congratulated HoD, Teaching and non-teaching staff of ECE Department for successfully conducting the FDP event.

Bal M
Coordinator

R. Rajendra R. Patil
HoD, ECE 24/07/25
Head of the Department
Dept of Electronics & Communication Engg.
GSSSIETW, Mysuru, India-570016

Dr. Shivakumar M
Principal
Principal 24/07/2025
GSSSIETW, Mysuru-16



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Press Report

The Technical Talk and Quiz Organized by the VLSI Club under the Department of ECE in association with IETE Students' Forum



From left Dr Rajendra R Patil, Professor & HoD, ECE, GSSSIETW, Mysuru and Dr Shivakumar M, Principal, GSSSIETW, Mysuru.

The Department of Electronics and Communication Engineering, under the VLSI Club in association with the IETE Students' Forum, organized a technical talk titled "Road Map to a Future in VLSI", by Student Secretary Moksha Dechamma A V, Sahithya Dechamma & Priyanka, Executive Member of the VLSI Students Club followed by a quiz competition for first-year ECE and EEE students on **9th May 2025** in the Seminar Hall.

The event commenced with a warm welcome extended to the guests. The session was graced by **Dr Rajendra R Patil, Head of the Department of ECE**, along with Professor **Dr Jayanth J** and **Dr Shyamala C, Associate Professor from the Department of ECE**.

The technical presentation was delivered by **Moksha Dechamma A V**, accompanied by **Sahithya Dechamma**, Secretary of the VLSI students Club, and **Priyanka**, Executive Member of the VLSI students Club. The presentation focused on current trends, career opportunities, and technological advancements in the field of VLSI.


Following the presentation, a quiz competition was conducted for the students. The first prize was awarded to **Deekshitha S**, I Sem, from the department of EEE, second prize was bagged by **Spandana S**, I Sem, from the department of ECE, and the third prize was bagged by **Chandana G**, I Sem, from the department of ECE. The distinguished guests **Mrs. Kavyashree B**, Layout Design Manager at Texas Instruments and Principal **Dr. Shivkumar M**, GSSSIETW distributed the cash prizes for the winners.

Placement Officer **Mr. Mahadev Prasad**, GSSSIETW, **Dr Rajendra R Patil**, Professor & HoD, staffs and students from the department of ECE and other branches of engineering has witnessed the prize distribution.

The event concluded successfully, fostering awareness and interest among students in the field of VLSI design and development. It served as a motivational platform for young aspiring engineers to explore opportunities in the semiconductor industry.

Smt. Anupama B Pandit, Secretary, GSSS(R) and Sri Bharath R K, CEO & Board Member, GSSS(R), congratulated HoD, Teaching and non-teaching staff of ECE Department for successfully conducting the event.


Prepared By


HoD, ECE 10/5/25

Head of the Department
Dept of Electronics & Communication, Ee.
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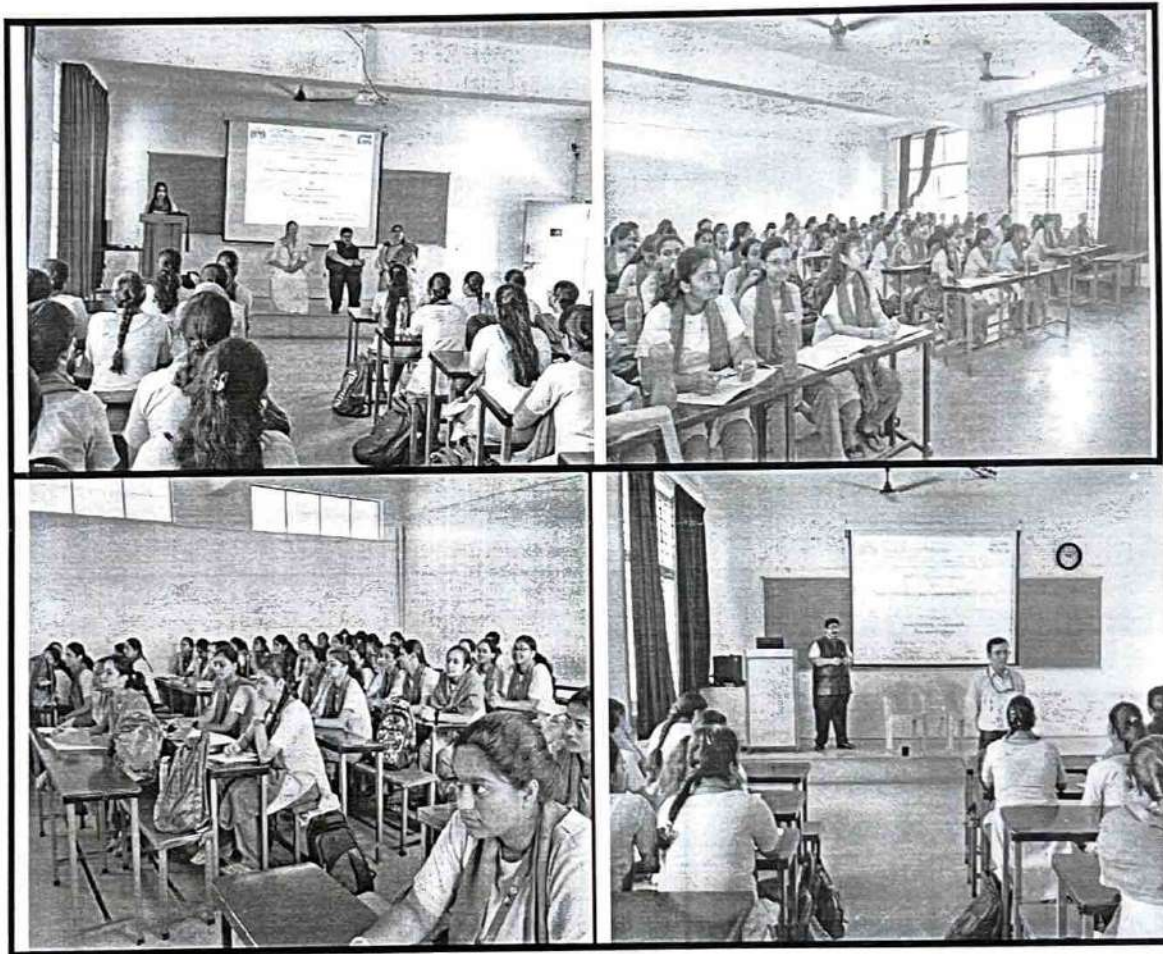


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Press Note

Skill Development Program on “Data Structure and Algorithms using C & C++” for 4th Semester Students held at GSSSIETW, Mysore.



Glimpses of Skill Development Program on “Data Structure and Algorithms using C & C++”.

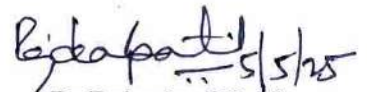
Department of Electronics and Communication Engineering, GSSS Institute of Engineering and Technology for Women, Mysuru, permanently affiliated to VTU Belagavi and Accredited by NBA, New Delhi, under AECES in association with IETE Students Forum organized a Skill Development Program on “Data Structure and Algorithms using C & C++” from 26th April to 4th May 2025 for 4th semester students at GSSSIETW, Mysore

The session commenced with an introduction of resource person, Dr Ramaprasad H C, Head-Academics & Operations, 10 Seconds, Bengaluru followed with welcome address. Dr. Rajendra R. Patil, Professor & Head, Department of ECE, Dr Padmashree S, Professor, Department of ECE, Dr Sushma S J, Associate Professor, Department of ECE highlighted the overview of this SDP. The Skill Development Program (SDP) on "**Data Structure and Algorithms using C & C++**" plays a vital role in equipping participants with essential programming skills and logical reasoning abilities. C++ is a powerful, high-performance language widely used in competitive programming, system development, and software engineering. This SDP emphasizes mastering C++ fundamentals while integrating key data structure concepts such as arrays, linked lists, stacks, queues, trees, and graphs. Students will learn efficient algorithm design techniques, including sorting, searching, and dynamic programming, enabling them to tackle complex computational problems effectively. By focusing on both theoretical understanding and hands-on coding practice, the SDP prepares learners to write optimized code that improves performance and resource management.

Furthermore, this SDP is particularly beneficial for students aspiring to excel in technical interviews, coding competitions, and academic research. Strong problem-solving skills are a crucial asset in the tech industry, where companies prioritize candidates who can devise innovative and efficient solutions. By mastering these skills, students enhance their career prospects in diverse fields such as software development, data science, and system design, making this program an invaluable stepping stone toward technical excellence.

The event was successfully coordinated by Forum Coordinators Mrs. Nalina H D, Assistant Professor, Department of ECE, and Mrs. Spoorthi Y, Assistant Professor, Department of ECE, GSSSIETW, Mysuru, ensuring smooth execution and impactful learning experience.

Smt. Anupama B. Pandit, Secretary, GSSS(R), Sri. R. K. Bharath, Board Member & CEO, GSSS(R), and Dr Shivakumar M, Principal, GSSSIETW, Mysuru commended best wishes for successfully conducting the event and also appreciated the enthusiastic participation of the students.



Dr Rajendra R Patil
HoD, ECE

Head of the Department
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Press Report on

**One day workshop on “Impact of Project/ Internship on Placement” held at
GSSSIETW, Mysuru**



Glimpse of One day workshop on “Impact of Project/ Internship on Placement”

Department of Electronics and Communication Engineering (ECE) had organized one day workshop on “Impact of Project/ Internship on Placement” on 14th February 2025 for the 6th semester students. This workshop aimed at enhancing the understanding of ECE engineering students about the crucial

role of internships and project work in securing placements. The workshop focused on how such experiences contribute to building industry-relevant skills, boosting employability, and improving the chances of getting hired by top companies. This workshop also aimed to provide students with insights into the corporate world and how they can leverage their academic knowledge to meet industry expectations.

The Resource person for the workshop was **Mr. Geethesh N S, Chief Operations Officer at Deshila Technology Research Institute, Mysuru.**

The workshop began with a warm welcome to the distinguished resource person, Principal Dr. Shivakumar M, Dr. Rajendra R Patil, Professor & Head Dept of ECE, as well as the participating students.

An opening address by the Principal Dr. Shivakumar M, who highlighted the importance of internships and projects in bridging the gap between theoretical knowledge and practical applications.

Dr. Rajendra R Patil, Professor & Head, Dept of ECE addressed the students with a strong message about the impact of internships and projects on enhancing the employability of ECE students. Sir emphasized that practical exposure not only boosts technical skills but also plays a crucial role in building a strong network that can help in securing placements.

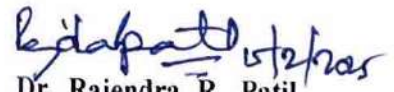
This session was focused on demonstrating the value of internships and projects in a student's academic and career journey. The speaker Mr Geethesh N S, a seasoned industry professional, emphasized:

- **Skills Enhancement:** How internships provide practical exposure to real-world problems, enabling students to apply theoretical knowledge and develop problem-solving skills.
- **Industry Exposure:** Internships allow students to interact with professionals, observe the latest trends, and gain insights into the working of various sectors in the ECE industry.
- **Portfolio Building:** Real-world projects offer students a chance to work on industry-level problems, which can later be showcased as part of their portfolio to potential employers.
- **Communication Skills:** Internships allow students to refine both verbal and written communication as they often need to report on their progress, collaborate with team members, and present findings.
- **Teamwork and Collaboration:** ECE engineering work is rarely solitary; teamwork skills developed during internships prepare students to work in multidisciplinary teams.
- **Problem-Solving and Critical Thinking:** Interns are often required to solve complex engineering problems, which hones their analytical and decision-making abilities

- **Problem-Solving and Critical Thinking:** Interns are often required to solve complex engineering problems, which hones their analytical and decision-making abilities
- **Technical Competence:** The importance of solid technical knowledge that can be applied in real-world situations.
- **Work Ethics and Adaptability:** Emphasis was placed on the importance of students showing strong work ethics, a willingness to learn, and the ability to adapt to the dynamic nature of the industry.
- **Overcoming Challenges:** How internships helped them understand and navigate the challenges in the ECE industry.
- **Learning from Failure:** Lessons learned from failed projects or internships that helped them improve and succeed in their careers.
- **Networking for Opportunities:** The importance of leveraging internship connections to gain job offers and industry recognition.

The workshop concluded with closing remarks from the workshop coordinator, who thanked the speakers, faculties, and students for their active participation. Key takeaways from the workshop were summarized, and students were encouraged to take action and pursue internships and projects with a focused and enthusiastic approach.

Mrs. Anupama B. Pandit, Secretary, GSSS (R), Sri. R K Bharath, CEO & Board Member, GSSS (R), and Dr. Shivakumar M, Principal, GSSSIETW conveyed their best wishes for the success of the workshop.


 Dr. Rajendra R. Patil
 HoD ECE

Head of the Department
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Press Report on Intercollegiate “Project Expo-2024” held at GSSSIETW, Mysuru



Glimpses of “Project Expo-2024” Valedictory function held on 20th December 2024.

The Department of Electronics & Communication Engineering at GSSS Institute of Engineering and Technology for Women (GSSSIETW), Mysuru hosted **Project Expo-2024**, an intercollegiate competition, on 20th Dec-2024, under the IETE Students Forum. The expo aimed to enhance and motivate students by providing an opportunity to select topics of interest, develop their own scientific investigations and models, and highlight the opportunities and challenges in the field of engineering. It also offered insights into future procurement plans and examined various technology options and strategies.

The primary objective of the competition was to create a forum for showcasing technical challenges in Electrical, Electronics, Communication, Information Technology, and related fields. This event allowed students to present their innovative projects and demonstrate their learning experiences.

The project expo-2024 received 71 Project titles from various institutes across Karnataka, to name a few like PESCE Mandya, ATME Mysuru, VVCE Mysuru, VVIT Mysuru, JSSSTU, MYSORE, MIT, Mysore, RIT, Hassan, and also participants from GSSSIETW are taken part

in this event. The projects were assessed by external industry experts, with attractive cash prizes and appreciation certificates awarded to the top-performing groups based on evaluation criteria.



Glimpses of Jury members evaluating participants' Projects

The Project Expo-2024 concluded with a valedictory function. The event began with welcome address by Ms. Sahithya Dechamma, V semester ECE student. Further Dr Anitha K, IETE STUDENT FORUM Coordinator, Assistant Professor, ECE Dept provided the IETE students forum details to the gathering. The Jury members for the program were **Sri Pankaj Sancheti, Deputy General Manager, Birla Opus, Chamarajanagar** and **Sri Vinod H R, Senior Embedded Engineer at Pravega Semi Pvt Ltd, Bangalore**. They emphasized the importance of applying theoretical knowledge to develop unique solutions for projects and advised students to think like product engineers, which would benefit them during placements. Following the judges' addresses, prizes were distributed to the winners. **Dr. Shivakumar M, Principal of GSSSIETW**, highlighted the importance of undertaking ~~mini~~ projects, noting that the experience and knowledge gained during their implementation are invaluable. He stressed that better team coordination often leads to success and that participation in competitions helps students upgrade their knowledge and skills. He congratulated all the winners and participants of the Project Expo-2024. **Dr. Rajendra R. Patil, Prof. & Head, Dept. of ECE** was present in the function. Program ended with vote of thanks by Ms.Reddy Sushma, VII semester ECE student and Master of ceremony done by Ms. Moksha Dechamma A V.

Smt. Anupama B Pandit, Secretary, GSSS(R) and Sri Bharath R K, Member & CEO, GSSS(R) congratulated HoD, Teaching and non-teaching staff of ECE Dept. for successfully conducting the Project Expo-2024.

Rajendra R Patil
HoD, ECE 28/12/24
Head of the Department

Dr. Shivakumar M
Principal 28/12/2024
Principal
GSSSIETW, Mysuru-16



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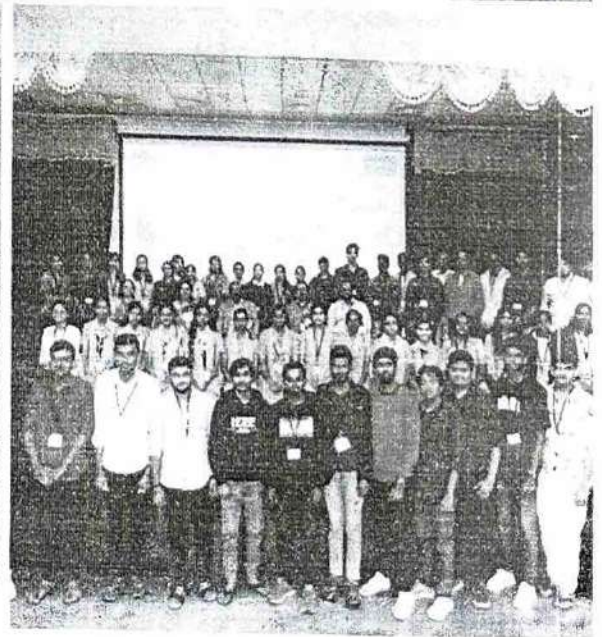


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Press Report on

28 hours National Level E Minds Hackathon held at GSSSIETW, Mysuru



Glimpses of Inaugural of 28 hours E Minds Hackathon on 10th December 2024.

certificates. The best All Women Team award was given to Team Eastern
Mysuru. This was...

The four ECE Students' Clubs under Department of Electronics and Communication Engineering, GSSSIETW organized 28 Hours National Level **E-Minds Hackathon**, an inter-collegiate event on 10th and 11th December 2024 at M Govinda Rao Memorial Hall, GSSSIETW in association with IETE, IEEE Students Branch and DST-CURIE. The hackathon began at 10:00 AM on 10th December 2024 with an inaugural program and concluded at 3:00 PM on 11th December 2024. This was followed by a Valedictory Program and prize distribution.

E-Minds Hackathon 2024 is a 28-hour national-level hackathon where student teams from various colleges participated and exhibited their technical skills in prototyping innovative solutions under four domains pertaining to the 4 clubs: Signal and Image Processing Club, VLSI Club, Embedded Systems and Robotics Club, and Wireless Communication Club. **E-Minds Hackathon** aims to enhance practical knowledge in specialized domains with exposure to industry-grade tools like Xilinx, MATLAB, Ansys and Cadence to bridge theoretical knowledge with practical applications boosting technical skills and creative thinking. Fun activities and mini-challenges were added for an engaging experience during the hackathon.

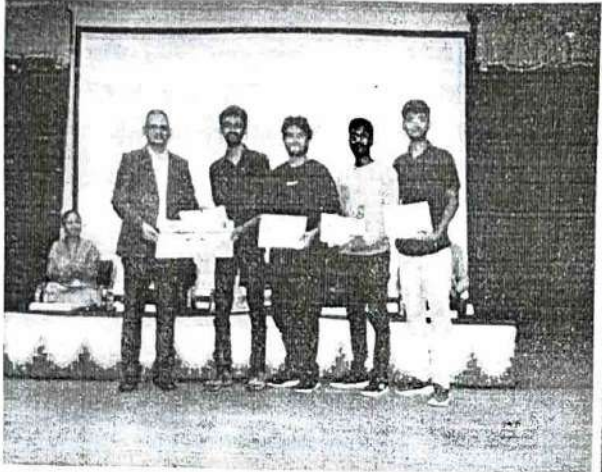
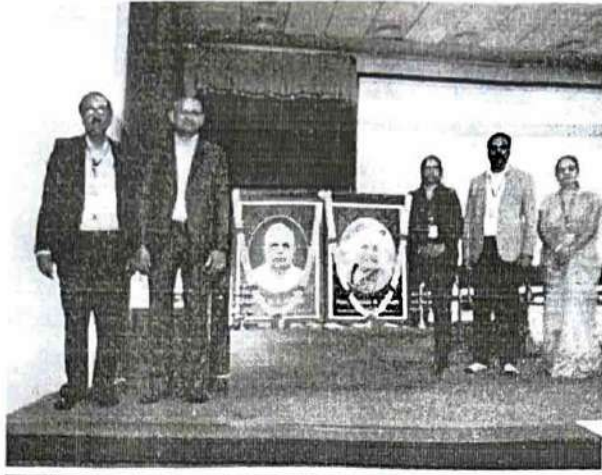
The Inaugural event was graced by Principal, Dr. M. Shivakumar and HoD, Dr. Rajendra R. Patil. In his address, Principal highlighted the significance of such initiatives and emphasized the importance of innovation and problem-solving in the field of electronics and communication engineering. A total of 51 teams from various colleges in Karnataka registered for the event. Participants included students from Cambridge Institute of Technology-Bangalore, NMIT-Bangalore, PES-Mandya, SJCE, VVCE, ATME and GSSSIETW-Mysuru.

The evaluation was carried out in 3 phases. In phase 1, the teams presented their problem-solving approaches/ideation and received valuable feedback and suggestions from the jury members, which included external and internal jury members. In phase 2 evaluation was held between 6.30 pm to 8.30 pm on 10th Dec 2024, by an internal jury member. Finally, phase 3 evaluation was carried out on 11th Dec 2024 from 12.30 pm to 2.30 pm by both external and internal jury members. The esteemed external panel of judges comprised industry experts: Mr. Abhijit CV, Senior Engineer at DTRI Mysore for Wireless Communication Domain, Mr. Vybhav M N, FPGA Engineer, Maxilinear Technologies, Bangalore for VLSI Domain, Dr. Thotringam Kasar, Founder & Director, EDspire Research for Signal and Image Processing Domain, and Mr. Stafford Michahial, Chief Technology Officer, PRS Neurosciences, and Co-founder, Neuro Kaaya for Embedded Systems and Robotics Domain. These interactive sessions allowed the jury members to assess ideas, provide requirements, and guide the teams in refining their solutions. Additionally, the judges scrutinized the industry readiness of the projects, considering their potential for real-world application.



Jury Members evaluating the teams during the 28 hours E Minds Hackathon.

Based on these inputs, the participants worked diligently for 28 hours non-stop to develop appropriate solutions to the given problem statement. After evaluation by Jury Members, the results were announced during the Valedictory Program.



Glimpses of Valedictory Program conducted on 11th December 2024.

The hackathon event concluded with a Valedictory function. The chief guest of the program was Sri Sri. J Hariharamahadevan, Director-Manufacturing, Schneider Electric India Pvt. Ltd., Mysuru and Guest of Honour was Miss Ms. Susan Wilson, Business Unit Head- Industrial Products, L & T Technologies Services, Mysuru. In his address, the Chief Guest underlined the importance of bridging Industry -Academia Gap with such events. He appreciated the participating students and the organizing team for providing a platform for students. Ms Susan Wilson was overwhelmed with the participation of students in a hardware hackathon, the first of its kind. She insisted the students to continue this ideation to the next product level.

Following the address, winners of the hackathon were announced and prizes were distributed. The winners of Signal & Image Processing domain were Team Passion Pro from SJCE, Mysuru. In the VLSI domain, Team VI Warriors from PES, Mandya were the winners. Team Quadruples from SJCE, Mysuru came out as the winners in Robotics and Embedded System domain. While Team Holy Mackerel from Cambridge Institute of Technology, Bangalore was the winner in Wireless Communication domain. The winning teams were presented a cash prize of Rs. 10,000 - and

certificates. The best All Women Team award was given to Team Fantastic Four from GSSSIETW, Mysuru. They were awarded with a cash prize of Rs. 5,000/- along with certificates. All the participants were provided a certificate of participation. The sponsors for the Cash Prize pool is - Ayur Brahma Wellness Centre, Mysuru; Other sponsors for the event includes - Desiraju Associates, Canara Bank, etc.

Smt. Anupama B Pandit, Secretary, GSSS(R) and Sri Bharath R K, Board Member & CEO, GSSS(R) congratulated all the participants and ECE department for the successful conduction of 28 Hours National Level E-Minds Hackathon.

B. Anupama B. Pandit

HoD, ECE 17/12/24

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION

A one-day workshop on “IBM Skills Build Developer Initiative” held at GSSSIETW, Mysuru

PRESS NOTE



Glimpses of the one day workshop on “IBM Skills Build Developer Initiative”

Department of Electronics & Communication Engineering, GSSS Institute of Engineering & Technology for Women, Mysuru, organized a one day workshop on “**IBM Skills Build Developer Initiative**” for the III semester ECE students at M Govinda Rao Memorial Hall, GSSSIETW Campus on 31st Aug 2024 under the AECES (Association of Electronics and Communication Engineering Students) forum in association with IETE students Forum. **Ms. Bharathi Murthy**, Quality Consultant and Agile Coach, IBM along with **Ms Shrilakshmi Nair**, Skill Educator, Entrepreneur, Associate Manager, CSR and Skills, IBM were the resource persons for this workshop. **Dr. S Padmashree**, Professor, Dept. of ECE, GSSSIETW, Mysuru was present during the inaugural of the session.

The main objective of this workshop was to create awareness among the students about the various courses that are available under **IBM Skills Build Developer Initiative**. Ms Shrilakshmi gave an overview of these trainings and their importance in building one's skillset. The students were informed to upgrade themselves with the latest technology using these initiatives. These will ensure a better position in the job market. Later, Ms Bharathi Murthy gave a brief introduction about AI-enabled and rule-based chatbots. She guided them in creating their chatbots and visualizing their applications. The session was very informative to the students.

Smt. Vanaja B Pandit, Hon. Secretary, GSSS(R), Sri Bharath R K, Member & CEO GSSS(R), Smt. Anupama B Pandit, Board member and AO, GSSS(R) and Dr. Shivakumar M, Principal, GSSSIETW congratulated all the participants and the ECE department for the successful conduction of the event.


HOD, ECE 31/8/24
Head of the Department
Dept of Electronics & Communication Engg
GSSSIETW, Mysuru, India-570016

Report on awareness program on “Waste Management & Sustainable Menstruation”



Glimpses of the event

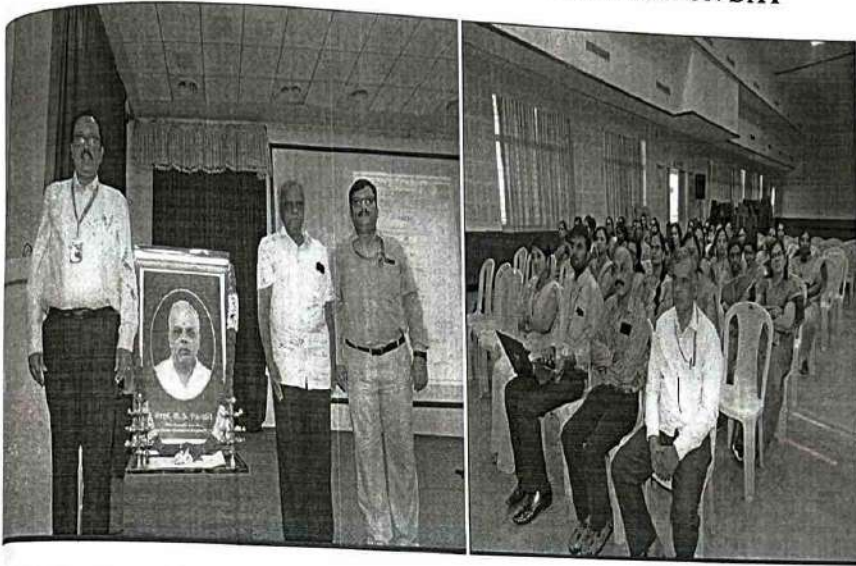
Science Club in association with ISTE Students Chapter & NSS Unit of GSSSIETW, Mysuru organized an awareness program on “Waste Management & Sustainable Menstruation” for First year B.E Students (All branches) in three sessions, on 30.11.2024. An awareness program on waste management was conducted to educate participants about the importance of responsible waste handling and its impact on the environment. The program aimed to instill sustainable practices, promote recycling, and reduce waste generation in the community. The resource person for the program was Dr. Soumya Raghavan, Founder member, Solid Waste Management Round Table (SWMRT), Bangalore who discussed the critical need for sustainable waste practices and shared insights on global waste challenges. A detailed presentation on waste segregation and its benefits was conducted. Visual aids, including slides and videos, demonstrated the step-by-step process of handling waste responsibly.

R. Deepa
30/11/2024

Head of the Department
Dept of Electronics & Communication Engg
GSSSIETW, Mysuru, India-570016

10/10/2024

PRESS NOTE OF TEACHERS APPRECIATION DAY



GSSS Institute of Engineering and Technology for Women, Mysuru had recently organized "Teachers Appreciation Day". Sri. Chakravarthy S. Sridhar, Teacher and Philanthropist, Mysuru graced the occasion as a chief guest. Dr. Shivakumar M, Principal, Dr. Yogesh M, Associate Professor & Head, Dept. of Mechanical Engineering, GSSSIETW also graced the occasion.

R. Kalpataru

Head of the Department
Dept of Electronics & Communication Engg
GSSSIETW, Mysuru, India-570016



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IEEE
BANGALORE SECTION



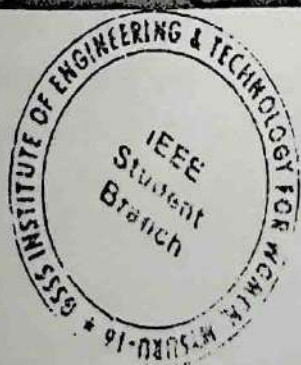
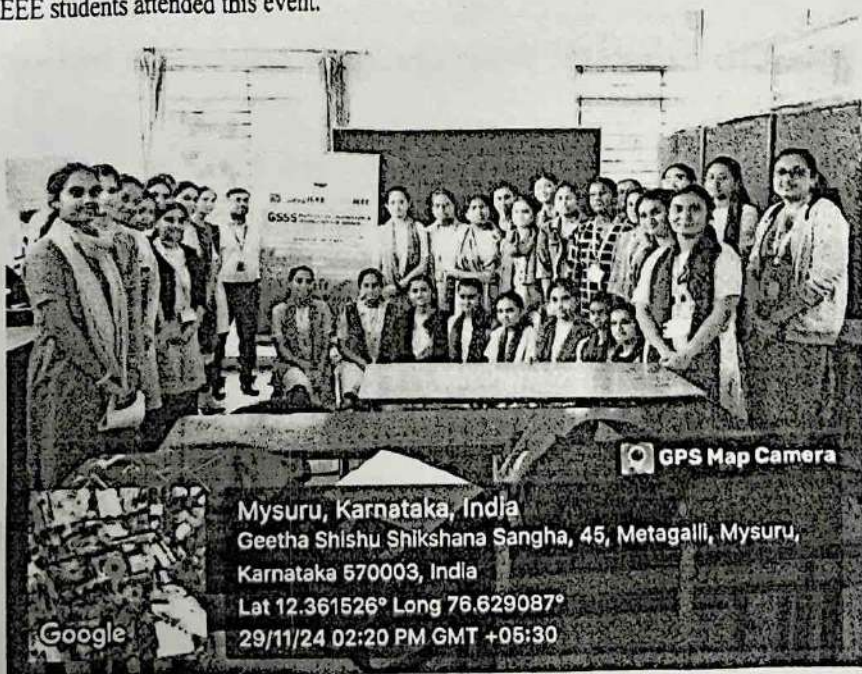
IEEE
MYSORE SUBSECTION

IEEE STUDENT BRANCH GSSSIETW, MYSURU

29/11/2024

Report on IEEE Membership Awareness Activity on 29/11/2024

IEEE membership awareness activity was organized on 29/11/2024, in room no:A114, at 2PM for I Semester EEE students of GSSSIETW under the guidance of Dr. Raghvendraprasad Deshpande, IEEE SBC, GSSSIETW, Mysuru. IEEE student coordinators assisted IEEE SBC during the awareness program. Anjali K, student of VI semester EEE, Chair GSSSIETW IEEE SB EXECOM (STB17861) and active IEEE members of 2024 along with office bearers of various student chapters attended event. Dr. Raghvendraprasad Deshpande and Ms. Anjali K highlighted the numerous benefits of IEEE to students, emphasizing how these advantages help them excel academically, develop professionally, and prepare for successful careers in technology and engineering. They elaborated on access to extensive knowledge resources, professional networking opportunities, and platforms for skill development. Additionally, they discussed the availability of scholarships and awards, leadership opportunities, and avenues for career advancement. Students were also informed about the global recognition IEEE membership offers, discounts on events and products, and the chance to participate in prestigious competitions. 10 IEEE student members and 20 Non IEEE students attended this event.



Raghendra 29/11/2024
Dr. Raghvendraprasad Deshpande
IEEE, SBC
Associate Professor, EEE
GSSSIETW, Mysuru
Branch Counselor
IEEE Student Branch
GSSSIETW Mysuru-16



GSSS | GEETHA SHISHU SHIKSHANA SANGHA (R)
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IEEE
 BANGALORE SECTION



IEEE
 MYSORE SUBSECTION

IEEE STUDENT BRANCH GSSSIETW, MYSURU

18/12/2024

Report on IEEE Membership Awareness Activity on 18/12/2024

IEEE membership awareness activity was organized on 18/12/2024, in room no:D202, at 11 AM for III Semester CSE (AI&ML) and CSE (AI&DS) students of GSSSIETW under the guidance of Dr. Raghvendraprasad Deshpande, IEEE SBC, GSSSIETW, Mysuru.

Mamatha M, Asst. Prof., CSE (AI&DS) and Jeevitha Asst. Prof., CSE (AI&DS) along with IEEE student coordinators assisted IEEE SBC during the awareness program. Anjali K, student of VI semester EEE, Chair GSSSIETW IEEE SB EXECOM (STB17861) and active IEEE members of 2024 along with office bearers of various student chapters attended event.





GSSS

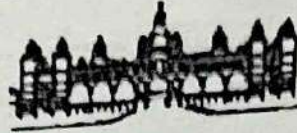
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IEEE
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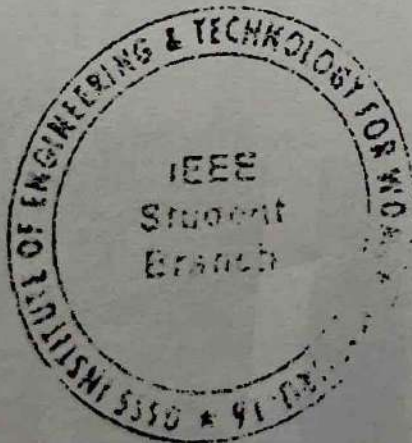
Dr. Raghvendraprasad Deshpande and Ms. Anjali K explained following benefits of IEEE to students which help them to excel academically, develop professionally, and prepare for successful careers in technology and engineering:

- Access to Knowledge Resources
- Professional Networking
- Skill Development.
- Scholarships and Award
- Leadership Opportunities
- Career Advancement
- Global Recognition
- Discounts on IEEE Events and Products
- Participation in Competition
- Community Building
- Research and Publication Support
- Exposure to Cutting-edge Technologies

10 IEEE student members and 80 Non IEEE students attended this event.

Reshi Prade - 18/12/2024
Dr. Raghvendraprasad Deshpande
IEEE, SBC
Associate Professor, EEE
GSSSIETW, Mysuru

Branch Counselor
IEEE Student Branch
GSSSIETW Mysuru-16





GSSS | GEETHA SHISHU
SHIKSHANA SANGHA(R)

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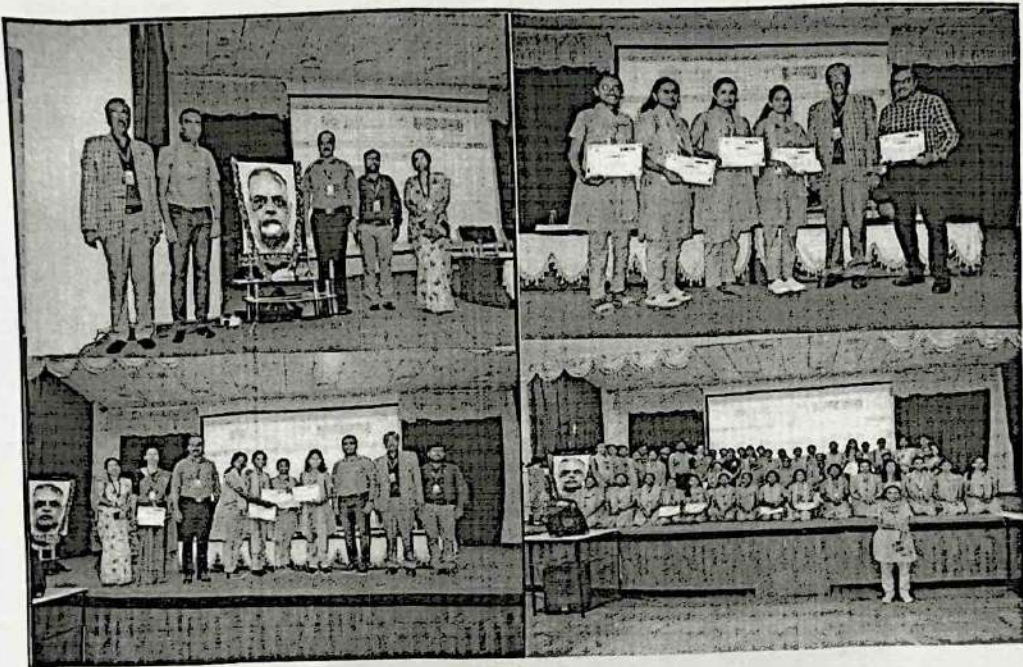


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 10/07/2024

Report on

Three days "IoT Innovate-a-Thon" held at GSSSIETW, Mysuru



Glimpses of Valedictory Program conducted on 10th July 2024.

The IoT Innovate-a-Thon, a 3-day hackathon, was organized by the Dept. of Electronics and Communication Engineering under GSSSIETW IEEE CAS Society Student Chapter in Association with IEEE CAS Bangalore Chapter from 8th to 10th July 2024. The proposal of this event was selected for Financial Assistance under IEEE CAS BLR accelerator fund. The event was open for registration to 4th -semester ECE and EEE GSSSIETW students. A total of 26 teams from both departments registered for the event. A preliminary screening test was held on 29th June 2024 to shortlist the participants for the hackathon. Based on performance in this screening test, 11 teams were selected for the main hackathon event. Which was scheduled from 8th to 10th July 2024.

Day 1: The first day focused on introducing participants to IoT and various types of Microcontroller boards. This session provided a comprehensive overview of IoT, its features,

and real-time applications. The forenoon session was handled by resource persons Mrs. Sharanya A R and Dr. Arpitha Shankar S I, Assistant Professors in the ECE Department, GSSSIETW. In the afternoon, a hands-on session was conducted, covering various sensors such as touch sensors, soil moisture sensors, alarm sensors, and IR sensors. Participants also learned to program Arduino and ESP32 in Arduino IDE, concluding the first day. The afternoon session was handled by resource persons Mr. Keerthi Kumar and Mr. Nagesh M S, Assistant Professors in the ECE Department, GSSSIETW.

Day 2: The second day began with a detailed explanation of the key features of each type of sensors used as smart objects. Also included session on interface of sensors with Arduino boards. Participants then installed software like Azure, AWS, Thingspeak, and Blink-IoT. The forenoon session was handled by resource persons Dr. Shyamala C and Dr. Sushma S J, Associate Professors, along with Smt. Padma R, Assistant Professor in the ECE Department, GSSSIETW. In the afternoon, participants were engaged in a hands-on session on operating relay motors with ESP32, which included discussions on applications, connections, and coding in ESP32. The afternoon session was handled by resource persons Mr. Keerthi Kumar and Mr. Nagesh M S, Assistant Professors in the ECE Department, GSSSIETW.

Day 3: The final day was the Hackathon Day with the theme “**Hackathon - Transforming Ideas into Reality.**” Teams were given a common problem statement based on the topics covered in the first two days. Participants worked diligently to develop appropriate solutions to the problem statement. After completing their tasks, they were evaluated by Jury Members and the results were announced during the Valedictory Program.



Glimpses of Hackathon event conducted on 10th July 2024.

The hackathon event concluded with a Valedictory function. The chief guest of the program was Sri Chandrashekaraiyah B R, Delivery Head, Digital Healthcare, Medical Devices, Life Sciences, L&T Technology Services Limited, Mysuru. In his talk, he emphasized the importance of mentors and parents in building a students' career and discussed how students can utilize their knowledge effectively. He advised students on the beneficial use of social media, such as LinkedIn, and the importance of regularly visiting company websites to update their knowledge in their respective fields. He also gave examples of IoT applications like smart lighting, smart badges for kids, and 5G remote surgeries. He highlighted the critical challenges of security and data privacy in the IoT field.

Following the address by chief guest's, prizes were distributed to the winners and runners-up along with the mentors who assisted in the hackathon event. Dr. Shivakumar M, Principal, GSSSIETW, emphasized the importance of calibration for display devices in any product and congratulated all the winners and participants of the Hackathon. He stated that such platforms help students to innovate & think out of the box, which is beneficial for attending placements and becoming entrepreneurs. He also suggested conducting more hackathons in the fields of healthcare and agriculture to provide solutions to societal problems, as GSSSIETW has an incubation centre. Overall, the 3-day hackathon provided a valuable and enjoyable learning experience for all participants. The program ended with a group photo and a vote of thanks.

Smt. Vanaja B Pandit, Hon.Secretary, GSSS(R), Sri Bharath R K, Member & CEO GSSS(R) and Smt. Anupama B Pandit, Board member and AO, GSSS(R) congratulated all the participants and ECE department for the successful conduction of IoT Innovate-a-Thon, a 3-day Hackathon.

Reddapatil
13/07/2024
Head of the Department
Dept of Electronics & Communication Engg
GSSSIETW, Mysuru, India-576016

Dr. Shivakumar
Principal
Principal
GSSSIETW, Mysuru-16

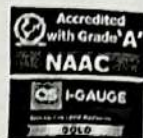


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Date: 18.12.2024

GSSSIETW IEEE CAS Society Student Branch

Chapter, IEEE SB and VLSI club

Report on Quiz, Semi-con on 18th December 2024

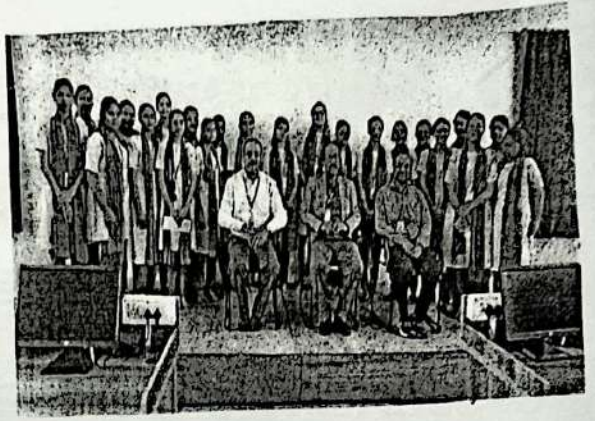
GSSSIETW IEEE CAS Society Student Branch Chapter, IEEE SB, in association with VLSI Club successfully organized a Quiz, Semi-con 2024 on 18th December 2024. Understanding the significance of VLSI (Very Large Scale Integration) is crucial in today's technology-driven world so this event was organized for second year engineering students of ECE and EEE branch to emphasize the importance of VLSI Technology. The Event was held on 18th December 2024 at 02PM in room number A312, GSSSIETW campus.

Over 25 teams from ECE and EEE branch participated in the quiz competition and the team who scored maximum marks was awarded with a cash prize of Rs 2000/- and the runner up team was awarded with a cash prize of Rs 1000/-

Smt. Anupama B Pandit, secretary GSSS (R), Sri R.K Bharath, CEO & Board Member, GSSS (R) conveyed their best wishes for the grand success of this event. Their encouragement and support were deeply felt, inspiring everyone involved to strive for the highest standards of achievement and collaboration.

Dr.M Shivakumar, Principal, GSSSIETW addressed the gathering. He highlighted the importance of VLSI to the students. He also said that working in a core company can provide valuable insights into career development.

Dr. Shivakumar M, Principal, GSSSIETW, Mysuru, Dr Rajendra R Patil, Head, Department of ECE, Dr. Thilagavathy R, IEEE CASS Faculty Advisor, Dr. Raghavendraprasad Deshpande, IEEE Student Branch Counselor, Dr Shyamala C, Faculty incharge of VLSI club, Volunteers and student participants were present for the event.



The list of winners for this competition is provided herewith:

I Place			II Place		
Students Name	USN	Branch	Students Name	USN	Branch
Moulya M	4GW23EC091	ECE	Nisarga S	4GW23EC101	ECE
N D Pannaga	4GW23EC089		Pavana K S	4GW23EC105	

Thilagavathy
 IEEE CASS Faculty
 Advisor
 Dr. Thilagavathy R

Raghavendraprasad
 IEEE Student Branch
 Counselor
 Dr. Raghavendraprasad
 Deshpande

Shyamala
 VLSI Club
 Dr. Shyamala C

Rajendra R Patil
 HoD, ECE
 Dr. Rajendra R Patil
 Head of the Department
 Dept of Electronics & Communication, Enyy
 GSSSIETW, Mysuru, India-570016

Shivakumar M
 Principal
 Dr. Shivakumar M
 Principal
 GSSSIETW, Mysuru-16



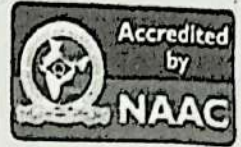
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SHIKSHANA SANSTHA

INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

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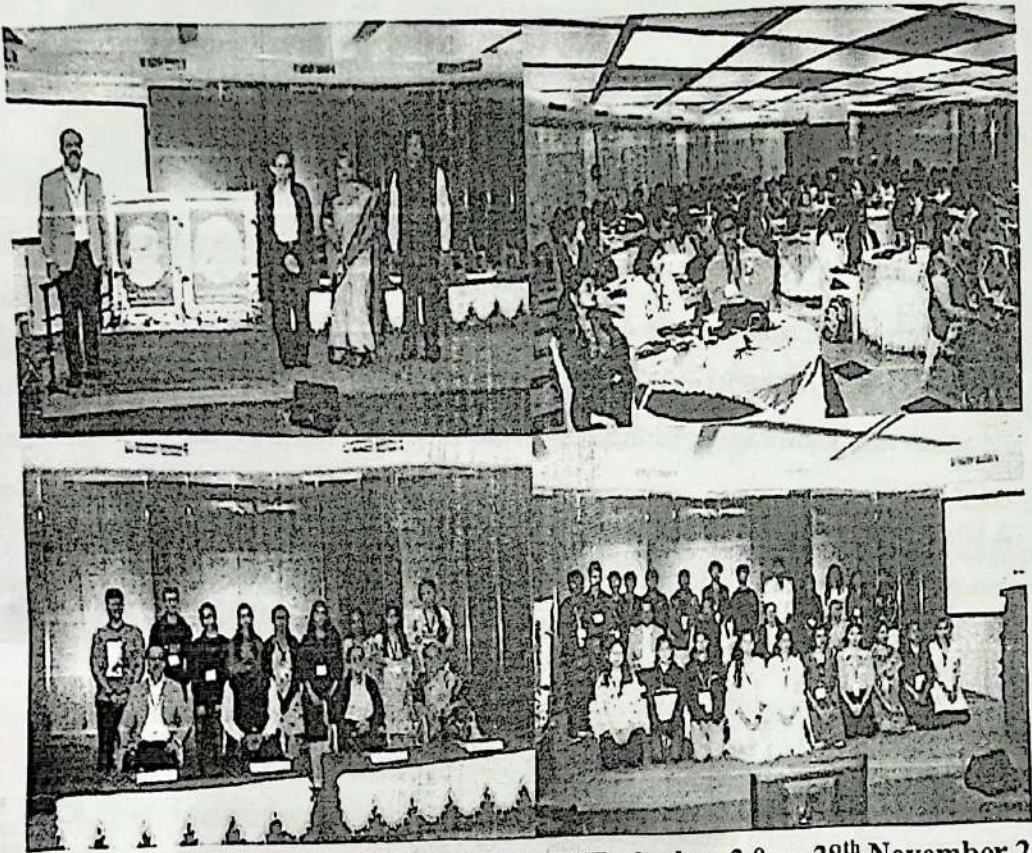
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Phone: (0821) 258 304 420 7834 2477 306 Fax: 0821 2581335 Email: gssseingg@rediffmail.com info@gssse.edu.in Web: www.geethashishu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

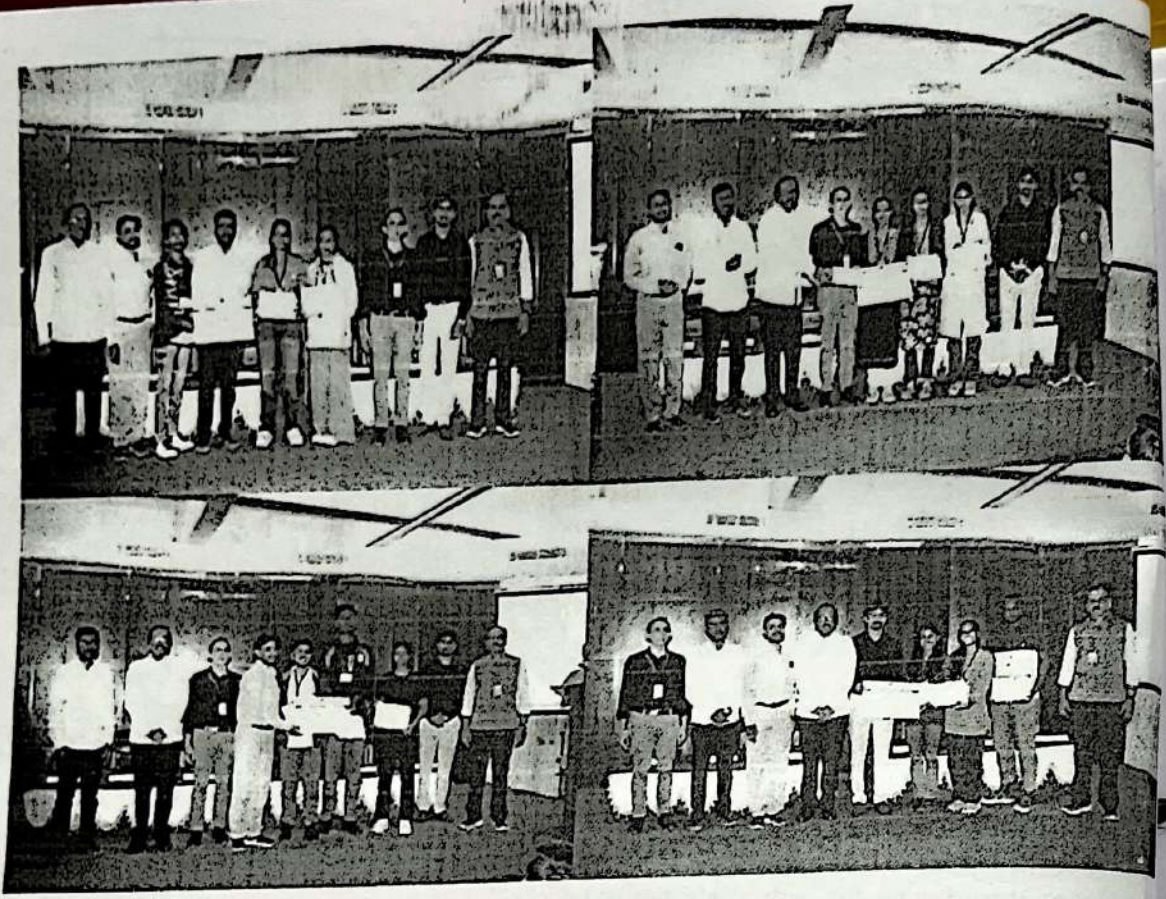
Press Report on 28-hour National Level E-Minds Hackathon 2.0 held at GSSSIETW, Mysuru



Inaugural Program of 28-hour E-Minds Hackathon 2.0 on 28th November 2025.

The four Students' Clubs under the Department of Electronics and Communication Engineering, GSSSIETW organized a 28-hour National Level E-Minds Hackathon 2.0, an inter-collegiate event on 28th and 29th November 2025 in the Seminar Hall, GSSSIETW. The hackathon began at 10:30 AM on 28th November 2025 with an inaugural program and concluded at 2:00 PM on 29th November 2025.

The second edition of 28-hour national-level E-Minds Hackathon 2.0 provided student teams from various colleges to participate and exhibit their technical skills in prototyping innovative solutions under four domains pertaining to the 4 clubs: Signal and Image Processing Club, VLSI Club, Embedded Systems and Robotics Club, and Wireless Communication Club. E-Minds Hackathon aimed to enhance



Prize Distribution to the winners during the Vaedictory Program

The Principal, Dr. M Shivakumar concluded the session by congratulating all the students for their active participation. He reminded the students that consistent involvement and hands-on experience can help them secure good roles in the industry. He advised students to approach each problem statement as a mini-project and to aim at becoming developers of technology rather than mere users. The event was generously sponsored by DST-iTBI GSSSTBIF, IEEE Students Branch, GSSSIETW, Surabhi Interiors, Canara Bank, Leo Axis and Shivaprakash Stationeries.

Smt. Anupama B Pandit, Secretary, GSSS(R) and Sri Bharath R K, Member & CEO, GSSS(R), congratulated the ECE Dept. for successfully conducting the 28-hour E-Minds Hackathon 2.0.

P. Anupama B Pandit
 HoD, ECE 11/12/2025
 Head of the Department
 Dept of Electronics & Communication Engg
 GSSSIETW, Mysuru, India-570016

Dr. M. Shivakumar
 Principal
 Principal
 GSSSIETW, Mysuru-16