

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Press Report on

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



Glimpses of Inaugural Program conducted on 10th December 2024.

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: Signal and Image Processing, VLSI, Embedded Systems and Robotics, and Wireless Communication. **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. Thotreingam 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.



Glimpses of the E Minds Hackathon event conducted on 10th and 11th Dec 2024.

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. A best All Women Team award was given to Team Fantastic Four from

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.

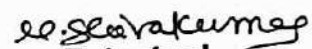
Smt. Anupama B Pandit, Secretary, GSSS(R) and Sri Bharath R K, Board Member & CEO, GSSS(R) congratulated all the participants and ECE department for the successful conduction of 28 Hours National Level E-Minds Hackathon.



HoD, ECE 17/12/24

Head of the Department

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Principal

Principal

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