

**IETE NEWSLETTER****Institution of Electronics & Telecommunication Engineers****Kalaburagi Centre, Kalaburagi****VTU Regional Office, Rajapura, Kusnoor Road, KALABURAGI – 585 106.****MESSAGE FROM THE CHAIRMAN**

Dear Members,

It is my great pleasure to extend heartfelt greetings to the readers of the first issue of the IETE Kalaburagi Center's Newsletter for Volume 2, Issue 2, and May - August 2023 edition. To give a recap IETE Kalaburagi center started as the IETE sub center of IETE Hyderabad in the year 2020, and IETE Kalaburagi subcenter is upgraded to the IETE Kalaburagi center in November 2022 with the great efforts of Dr. Basavaraj Gadge, Governing council member, IETE New Delhi and Dr. Shubangi D. C Immediate Past Chairman, IETE Kalaburagi Center and Nominated Governing Council Member, IETE, New Delhi.

IETE Kalaburagi Center was established in November 2022 with the primary responsibility of promoting IETE activities at the regional level and looking after the interests of the Electronics, Computers, and Telecommunications field. One of the main tasks of our committee has been to publish an IETE Quarterly Newsletter and keep the corporate members and member's updates about the latest developments and happenings in the Centre and strive to publish selected articles on Electronics & Computer Sciences Engineering. The Newsletter will be published quarterly, starting in November 2020.

We at IETE Kalaburagi Center will strive to create an environment for nurturing innovation, creativity, and excellence in our members and the student community through this Newsletter. The goal is to provide a common platform for engineers and researchers to face the confidently and competently challenges of competition by keeping them informed about the current situation in technical education and research and wide exposure to state-of-art practices.

We have to the date 05 IETE Student Forums from various engineering colleges located in and around Kalaburagi. Our Centre is helping engineering students to do their internships. IETE is actively participating in conducting various seminars, workshops, training, etc. in association with the ISFs at their colleges and at the IETE Centre. We would like to increase such activities to help the ISFs in the coming months.

I welcome suggestions to enable us to enhance the activities of the Kalaburagi center collectively.

Stay healthy and stay safe!

Warm regards

Dr. Lakshmi Patil
Chairman, IETE Kalaburagi Center

IETE GOVERNING COUNCIL MEMBERS

Dr. Basavaraj Gadge Sir,
GC Member, IETE Delhi

Dr. Shubangi D. C.
Nominated GC Member, New Delhi.

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ACTIVITIES/EVENTS CONDUCTED AT THE CENTER

EVENT 1: “ANEKHA” CLOUD PLATFORM

The One-Day Workshop on the “Anekha” Cloud Platform was successfully conducted on July 15, 2023, at the Intel Unnati Lab, Admin Building of our University. The workshop, organized by Prof. Shruthi S.A, Prof. Shruti S.D, and Prof. Rashmi Bangar, featured Mr. Shivananda R Poojara, a Corporate Trainer from Manjrasoft Pty Ltd., Melbourne, Australia, as the resource person. The event commenced at 10:30 A.M. with a welcome address, an introduction to the guest speaker, and his felicitation. The morning session provided insights into the fundamentals of cloud computing, including its types—Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS)—and an introduction to Anekha Cloud services. The afternoon session was hands-on, where participants engaged in task management, thread management using IP addresses, and implementing image learning concepts through cloud computing. The workshop saw active participation from faculty members across various departments and was highly appreciated for its practical exposure and relevance. The event concluded at 5:00 P.M. with a vote of thanks, leaving attendees enriched with valuable knowledge on cloud computing.

No of participants attended: 30



One day Seminar on “Anekha with cloud Platform”

EVENT 2:5 DAYS FACULTY TRAINING PROGRAM ON ARTIFICIAL INTELLIGENCE , MACHINE LEARNING AND DEEP LEARNING

The Department of Artificial Intelligence & Machine Learning, Faculty of Engineering and Technology (Exclusively for Women), Sharnbasva University, Kalaburagi, successfully organized a Five-Day Faculty Training Programme (FTP) on Artificial Intelligence, Machine Learning, and Deep Learning from 5th July to 9th July 2023, in association with Intel, CADMAXX, and IETE Kalaburgi Center. The primary objective was to equip faculty members with in-depth knowledge and hands-on experience in AI, ML, and Deep Learning, focusing on real-time problem-solving techniques. The sessions were conducted by Mr. Sivaprasath Munusamy, a renowned corporate trainer, with a total of 40 registered faculty members actively engaging in discussions, hands-on exercises, and practical implementations. The structured program covered AI/ML fundamentals, supervised and unsupervised learning, deep learning basics, hands-on algorithm implementation, and advanced topics such as NLP and computer vision. Participants gained practical exposure to AI/ML models, industry applications, and deployment strategies, enhancing their ability to integrate AI/ML techniques into academic curricula and research. The program was a resounding success, with enthusiastic participation and positive feedback, significantly contributing to capacity building in AI/ML education and research at Sharnbasva University. Special thanks to Intel, CADMAXX, and IETE Kalaburgi Center for their support, and to the resource person, organizing committee, and faculty members for making the event a fruitful learning experience. The event was coordinated by Dr. Rashmi K.H and Prof. Swati S.





Five-Day Faculty Training Programme (FTP) on Artificial Intelligence, Machine Learning, and Deep Learning

EVENT 3: ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

The Department of Artificial Intelligence and Machine Learning at Sharnbasva University, Kalaburagi, successfully organized a One-Week Workshop on Artificial Intelligence and Data Science from 11th July to 16th July 2023 in association with IETE Kalaburagi Center, Under IETE ISF. The workshop was conducted by Bannamma G Patil and Supriya Bagewadi, Assistant Professors from the Department of AIML, and featured expert sessions by Sivaprasath Munusamy, a highly experienced corporate trainer with over 10 years of experience in AI, Data Science, Python, and related domains. The event aimed to provide participants with a comprehensive understanding of AI and Data Science concepts, covering methodologies, processes, and techniques from statistics, cognitive science, and computing. The six-day session, attended by 100 participants from AIML, Computer Science, and other departments, included hands-on practical training, interactive discussions, and real-world applications. The event commenced with an inauguration speech by the Dean, who elaborated on the practical applications of AI and Data Science in the field of computer science. Each day of the workshop featured insightful lectures followed by hands-on sessions, concluding daily at 5:00 PM. The event wrapped up with a Vote of Thanks and a short feedback session, where participants expressed appreciation for the knowledge gained and the practical exposure provided during the workshop.

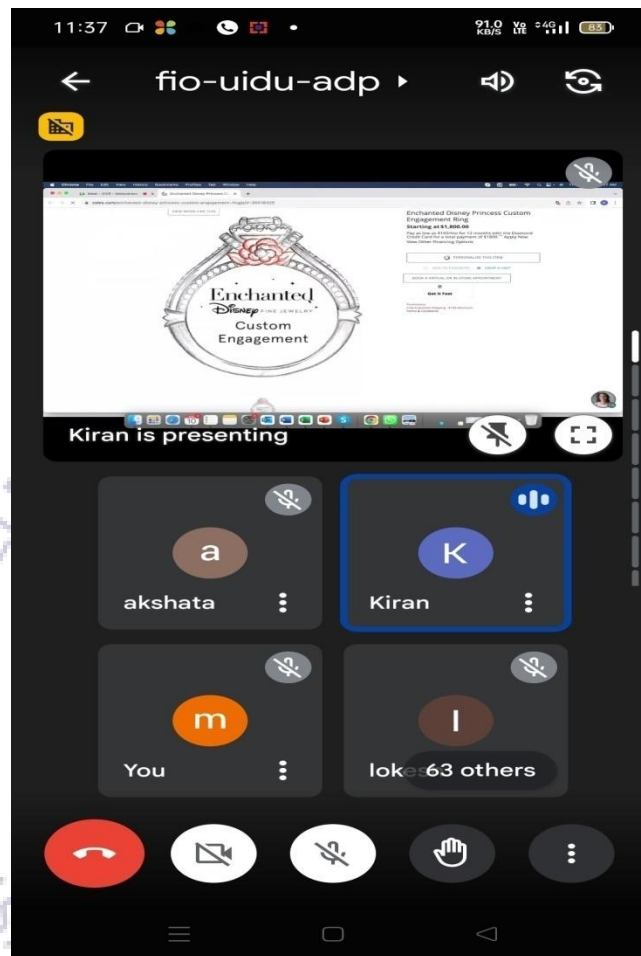


Workshop on Artificial Intelligence and Data Science

EVENT 4: ONE-DAY WEBINAR IN “AUGMENTED AND VIRTUAL REALITY”

The Department of Computer Science and Engineering successfully conducted a One-Day Webinar on "Augmented and Virtual Reality" on 10th August 2023 from 10:00 AM to 01:00 PM via online mode. The webinar was led by Mr. Kiran, Manager at Metaverse, Bengaluru, Karnataka, with an objective to provide insights into Augmented and Virtual Reality and present a proposal for setting up the Metaverse Lab for Engineering students. The session was attended by 30 students and 50 staff members from various departments, making it an engaging and informative event. Mr. Kiran discussed the role of Virtual Reality and Augmented Reality in the metaverse, explaining how these technologies, along with Mixed Reality (MR) and blockchain, contribute to creating immersive

digital environments that enhance user interactions by mimicking the real world. The webinar proved to be an enriching experience, offering valuable knowledge on emerging technologies and their applications in modern education and research. The event was organized by the Department of CSE and was well-received by participants, emphasizing the importance of integrating AR and VR in academic curricula.



One-Day Webinar in “Augmented and Virtual Reality”

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