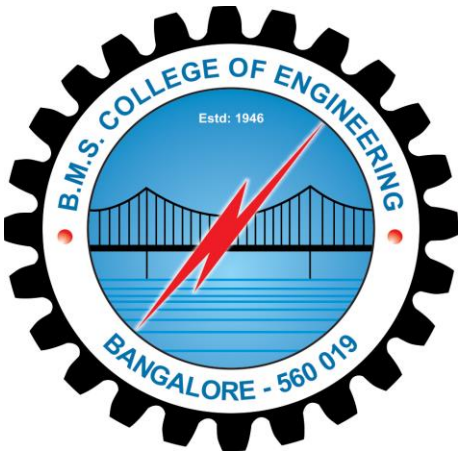
Konnect 2023b

Annual Report

July 2022 – June 2023



Department of Electronics and Telecommunication Engineering

Accredited by NBA for THREE years in the (Tier-I Format)

BMS COLLEGE OF ENGINEERING

Affiliated to VTU, Accredited by NAAC

Bengaluru-560019

CONTENT

Workshops Organized

Sl.No	Title of Workshop	Date(s)	Participants
1	Phase shift 2022-International technical symposium	25th to 26th November 2022	100
2	Antenna testing and measurement	6-04-2023	18
3	Personality,Attitude and Career Outlook development	8-04-2023	12

PHASESHIFT-2022

25th – 26th November, 2022

Participants Statistics

Students: 100 (2 events)

Program Brief

Two events were conducted from the department of Electronics and Telecommunication during Phase Shift 2022. All the events had active participation and the response from the students was overwhelming. The first of the events was a game show-themed event called "Outbid Me". It was held on the 26th of Nov, 2022, in classroom 602, 6th floor of the Platinum Jubilee and went on from 10:00 am to 12:00 pm. The registration fee was 100/- per team and teams of one or two were permitted. A final of 20 teams participated out of a possible 34 registration pool. The winners were awarded with a cash prize of 1000/- and the runners up bagged 500/- with certificates presented to both alike. The whole event was supervised by Sriram, our alumni from the 2020 batch. The second event was a Workshop on Data in Sports Analytics. It was an opportunity for participants to get Hands-on experience working on data analytics. It was held on the 26th of November at 11 am in classroom 605, 6th floor, Platinum Jubilee Building. Registration fee was 150/-(per team). The resource person of the workshop was Mr. Vinay Rao, Co-Founder at Taproots.Ai, an alumnus of the department of the batch 2003-07. A total of nineteen teams (35 participants) participated.

Coordinator: **Balachandra K**

SKILL DEVELOPMENT PROGRAM ON ANTENNA TEST AND MEASUREMENT

6th April, 2023

Participants Statistics

Faculty: 18

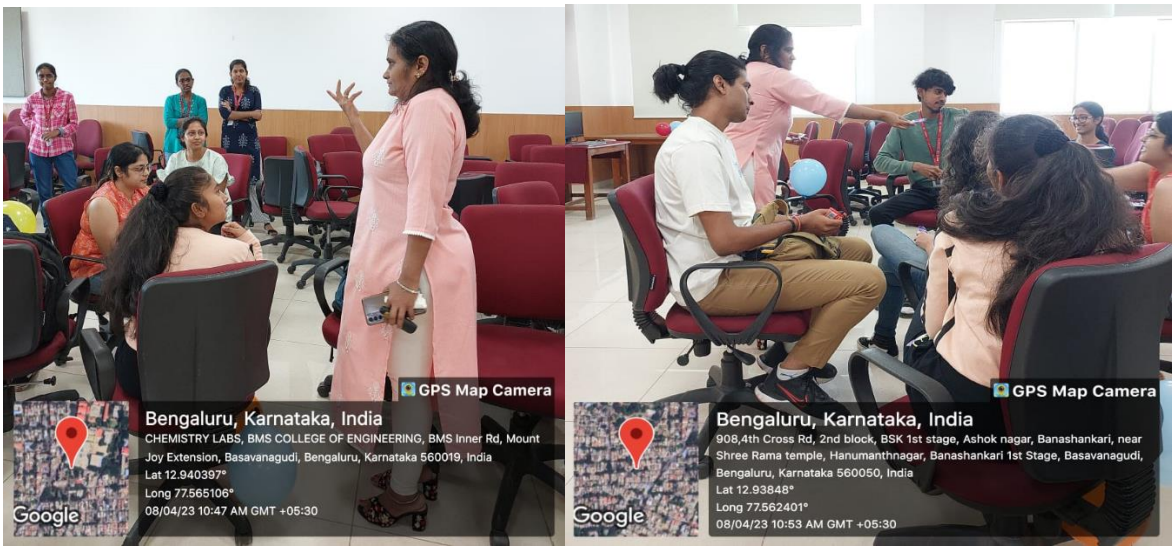
Program Brief

The Skill development session on "Antenna testing and measurement" was handled by Mr. Kritish Dhariwal, Founder, Engineer store, Bangalore in the department of Electronics and Telecommunication Engineering. It was a hand-on session on the antenna testing using the RF micro tech kit. The device detects, stores and presents data analytics of a RF component's strength. This is quite a compact and handy equipment to test an antenna's strength, working and characteristics. A demonstration of the equipment's working capabilities was first shown by Kritesh followed by students forming groups and testing equipment by themselves and performing experiments while doing so. At the end of the course students were able to successfully visualize theory concepts learnt.

Coordinator: Pushpavathi.K.P and T Anusha Lalitha

PERSONALITY, ATTITUDE & CAREER OUTLOOK DEVELOPMENT

8th April, 2023



Participants Statistics

Faculty: 12

Program Brief

Third Year Students of Electronics and Telecommunications attended a session on Personality & Attitude Development with an interesting take on 8th of April, 2023.

The session began with Mrs. Varija, talking about her past experiences as an HR Manager and the situations she's witnessed and resolved. She now trains individuals and companies alike on Career outlooks and the right approach and mindset to have while being a Fresher.

She spoke about what companies look for in fresher's. Students had a brief discussion on it and played a fun game about the same to help visualize it better. She spoke about the right Personality traits to have in order to have a successful career. Students played an interactive and team building game where the goal was to build a balloon that could stand by itself without any support. The emphasis of this game was to show that self-motivation is one of the biggest factors in ones career's growth. Other factors only build upon ones own motivation.

The students learned a lot about the right outlook to have and the personality traits they must inculcate in order to have a bright career with the help of fun and interactive games.

Coordinator: Pushpavathi.K.P and T Anusha Lalitha

Extension Lectures Organized

SNo	Name of the Invited Scholar with full Address	Title of the Lecture Delivered	Date of Lecture
1	Dr Shankar Sathyapal (VU2FI), Director, Indian Institute of HAMS	Role of HAM(Amateur) Radio in today's technologies & disaster management	6-08-2022
2	Krishna Nand Keshavamurthy, Imaging Data Scientist Memorial Sloan Kettering Cancer Center, **USA**	AI in Healthcare	14.11.2022
3	Dr. Suhas Srihari, Scientist, National Oak Research Laboratory, **USA**	Some Perspectives on Short Applied ML Projects	15.11.2022
4	Nithin Mohan, Senior Director, E& Y, **USA**	Career Guidance and Higher Education	3.11.2022
5	Swaminathan Venkataraman (Swami), a Distinguished Technologist in the Communications Technology Group (CTG	Introduction to 5G and its opportunities	23.11.2022
6	Parthasarathi Narasimhan, Lead Architect, Wipro	Integrating Human Values into Life	7-01-2023
7	Staff Research Scientist, Oak Ridge National Laboratory, USA.	Introduction to Roslind Franklin AI+X project series	23.1.2023
8	Dr.K.R.Sudhindra	LTE architecture	24-01-2023
9	Dr. Rajalakshmi Bortharkur, CEO, TerrablueXT	'Addressing Mental health Challenges with Technology-A perspective on innovations in the field'	19-05-2023

THE ROLE OF
HAM (AMATEUR) RADIO IN TODAY'S TECHNOLOGIES &

DISASTER MANAGEMENT

6th August, 2022

Participants Statistics

Faculty: 21

Program Brief

This talk was organised by the Dept. of Electronics & Telecommunications Engineering with Dr Shankar Sathyapal (VU2FI), Director, Indian Institute of HAMS hosting the talk for 4th semester students.

Dr. Shankar started off with a quick introduction on HAMS and how intrigued he was by the technology. He explained the ease with which communication could take place without the use of modern internet with people 1000s of kms away upto even the International Space Station with the right equipment and shared many of his own experiences over the years.He then spoke about his experiences with many past calamities that struck India where he and his team were the sole form of communication between the people and quintessential infrastructure such as banks and emergency supply chains. He also familiarised the students to the fun and creative side of HAM radios where he spoke about the numerous events that the Indian Institute of HAMS has organised over the years such as *Radio direction Finding* (RDF Sports) and radio contests.

Dr. Shankar also mentioned how he and his team train amateurs interested in becoming certified as HAMs and beginning their journey into the vast exploration that communication has to offer. He also spoke in depth about the process to get certified and how he provides training for the same.He concluded the talk by giving an example of communication between HAM operators in the vicinity. By the end of the event, the students were made aware of HAM and its advantages and the need for more awareness in India. The students were very intrigued by the talk and found it to be very knowledgeable and may proceed with getting trained as HAMs in the future.

Coordinator: Pushpavathi.K.P and Archana K

AI in Healthcare

By. Dr. Krishna Nand Keshavamurthy, Imaging Data Scientist , Memorial Sloan Kettering Cancer Center, USA

14th November 2022

Participants Statistics: Faculty and Students: 80

Brief summary of the Programme

The AI in Healthcare seminar was a pre-Phaseshift event conducted on 14th November, 2022 from 11am to 3pm and was conducted by Dr. Krishna Nand Keshavamurthy, a data scientist. The seminar focused on providing an insight on the current state and future potential of artificial intelligence in the healthcare industry.

Dr. Keshavamurthy began the presentation by providing an overview of the current use cases of AI in healthcare, including image analysis, natural language processing, and drug discovery. They also discussed the challenges and ethical considerations of implementing AI in healthcare, such as data privacy and ensuring fair access to the technology.

Dr. Keshavamurthy then delved into the use of AI in diagnostics and how it can aid physicians in making more accurate and efficient diagnoses. They highlighted the potential of AI to improve diagnostic accuracy, particularly in areas such as radiology and pathology. They also addressed the challenges of integrating AI into clinical workflow and the need for further research and validation of AI-based diagnostic tools.

He also discussed the use of AI in drug development and personalized medicine and its potential to speed up drug discovery and development by analyzing large amounts of data. They also discussed the potential of AI to personalize treatment plans for individual patients based on their genetic and medical data.

As a data scientist, Dr. Keshavamurthy shared his experiences and insights on implementing AI in healthcare. He discussed the benefits and challenges of using AI in his specific areas of expertise. The attendees had a good interaction with the speaker, they had the opportunity to ask questions and gain insights on the topic.

Coordinator: Dr. Rajeshwari Hegde

Some Perspectives on Short Applied ML Projects

By. Dr. Suhas Srihari, is an AI and Computational Imaging Scientist, National Oak Research Laboratory

15th November 2022

Participants Statistics

Faculty and Students: 45

Brief summary of the Programme

On November 15th, 2022, a talk on "Some Perspectives on Short Applied ML Projects" was held at the ISE Seminar Hall. The speaker, Dr. Suhas Srihari, is an AI and Computational Imaging Scientist, National Oak Research Laboratory, USA who is also an alumnus of the Department of Electronics and Telecommunication Engineering, BMSCE.

The talk began with an overview of the current state of applied machine learning projects, highlighting the growing importance of these projects in various industries and the increasing demand for professionals with ML skills. Dr. Suhas Srihari then presented several case studies of short applied ML projects that he has worked on in the past, including a project that used machine learning to improve the efficiency of a manufacturing process and another that used ML to optimize the performance of a financial trading algorithm.

Dr. Suhas Srihari concluded the talk by discussing some of the challenges that are often encountered in short applied ML projects, such as dealing with limited data and the need for rapid iteration. He emphasized the importance of being flexible and adapting to changing requirements as the project progresses.

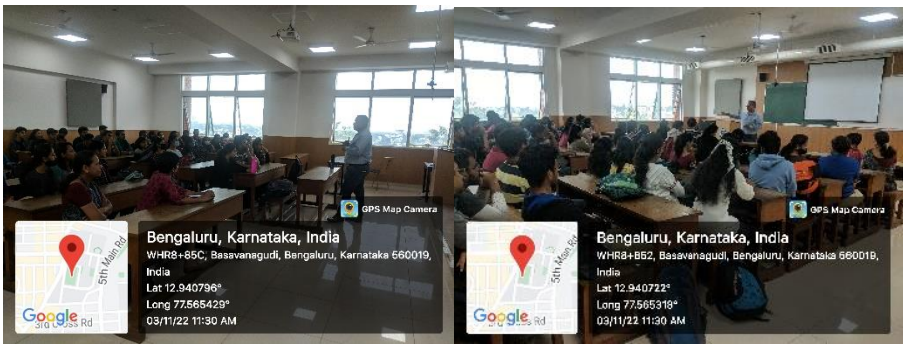
The talk was well-received by all 45 attendees in the audience, who appreciated the practical insights and real-world examples provided by Dr. Suhas Srihari. Overall, the talk provided valuable perspectives on the challenges and opportunities of short applied ML projects, and provided valuable insights for professionals and researchers in the field.

Coordinator: **Dr. Rajeshwari Hegde**

Career Guidance and Higher Education

By. Nithin Mohan, Alumni, Dept. of TCE, BMSCE, Senior Director, E& Y, USA

3rd November 2022



Participants Statistics

Faculty: 45

Program Brief

Nithin Mohan, an esteemed alumnus of the Department of Telecommunication Engineering, commenced his talk by reflecting on his personal journey and experiences within the department. Drawing from his own trajectory, he underscored the significance of laying a strong foundation in the fundamentals of telecommunication engineering. Mohan emphasized that a solid understanding of core concepts serves as the bedrock for success, particularly in securing placements within core companies operating in the telecommunications industry.

In alignment with the rapidly evolving landscape of technology, Mohan emphasized the increasing importance of coding skills in the field of telecommunication engineering. He elucidated how proficiency in programming languages such as Python, Java, or C can greatly enhance students' capabilities and marketability in the job market. By mastering coding skills, students can not only streamline processes and tasks but also contribute to innovation and problem-solving within the telecommunication sector.

Furthermore, Mohan stressed the value of practical experience and project-based learning in preparing students for real-world challenges. He advocated for the implementation of industrial standard projects, which provide students with hands-on exposure to industry-relevant technologies and methodologies. Moreover, Mohan encouraged students to leverage their project work as a springboard for research endeavors, emphasizing the importance of documenting findings and insights in the form of research papers.In conclusion, Nithin Mohan's talk served as a rallying call for students to prioritize fundamental knowledge, coding proficiency, and practical experience in their academic pursuits.

Coordinator: **Dr. Rajeshwari Hegde**

Introduction to 5G and its opportunities

By Swaminathan Venkataraman, Distinguished Technologist in the Communications Technology Group (CTG) organization of Hewlett Packard Enterprise (HPE)

23rd November 2022

Participants Statistics

Faculty and Students: 45

Brief summary of the Programme

An insightful tech talk, as a Pre- Phase Shift event on Introduction to 5G and its opportunities was held on 23rd November, 2022 from 11:30 AM to 1:30 PM at ISE Seminar Hall. 5G Technology is the dawn of the new era and also the network on top of which virtual reality and opportunities can be built. The event began with a formal welcome address by Vaishnavi Acharya along with the introduction of the speaker. The keynote speaker for this event was Mr. Swaminathan Venkataraman- a distinguished technologist in the Communications Technology Group (CTG) organization of Hewlett Packard Enterprise.

The session encompassed a variety of subjects that explained the intricacies of the topic to the participants. It also provided a sharp technical acumen to the audience and Mr. Swaminathan elucidated the importance of the advent of 5G, which caters to be a revolutionary service experience and an indispensable technology.

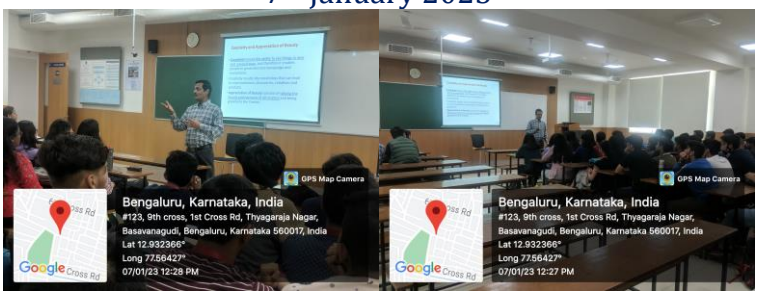
The floor was then open to questions where the participants avidly interacted and raised their queries and engaged in an intense Q&A. The formal vote of thanks was rendered by Gunjal Kothari which concluded the event. A massive participation of 90 enthusiastic students was observed. In conclusion, the event educated the participants about 5G Technology which is the network on top of which virtual reality and opportunities can be built.

Coordinator: **Dr. Rajeshwari Hegde**

Universal Human Values

By Parthasarathi Narasimhan, Lead Architect at Wipro Technologies, Bangalore

7th January 2023



Participants Statistics

Faculty and Students: 45

Program Brief

Mr. Parthasarathi Narasimhan, Lead Architect at Wipro Technologies, Bangalore, delivered a captivating presentation on fostering a healthy lifestyle and embracing heart-based living in harmony with nature. Kicking off his talk with a poignant excerpt from a letter penned by a Holocaust survivor, Mr. Narasimhan underscored the profound importance of nurturing the heart and cultivating empathy, compassion, and resilience in individuals, transcending the mere acquisition of knowledge.

Drawing inspiration from the teachings of luminaries such as Swami Vivekananda, Mr. Narasimhan emphasized the primacy of educating the heart over the mind. He articulated how prioritizing emotional well-being and inner harmony lays the foundation for a fulfilling and purposeful life.

Central to Mr. Narasimhan's presentation was the promotion of holistic health practices rooted in ancient wisdom traditions. Leveraging his expertise in yoga and pranayama, he guided students through practical demonstrations, encouraging them to actively participate and experience the rejuvenating effects of these ancient practices firsthand.

Furthermore, Mr. Narasimhan enlightened students on the circadian rhythms of the body, shedding light on the optimal times during which different organs function most efficiently. For instance, he elucidated that the early hours of the morning, specifically between 3 am to 5 am, are conducive to the optimal functioning of the lungs. By aligning lifestyle choices with natural rhythms and biorhythms, individuals can optimize their health and vitality, thereby fostering a harmonious relationship between mind, body, and spirit.

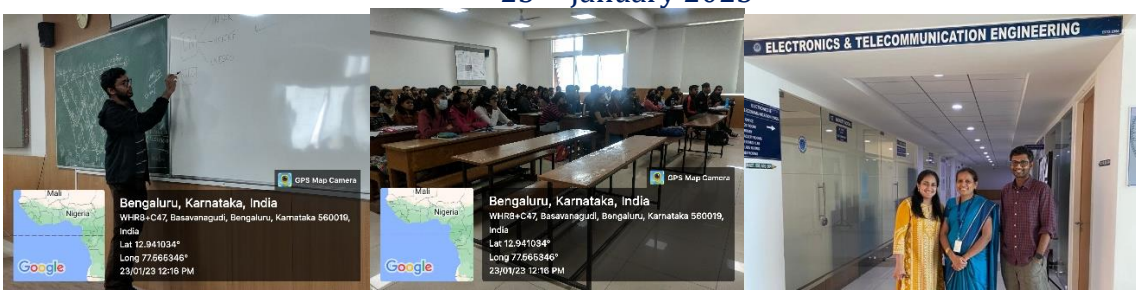
In essence, Mr. Parthasarathi Narasimhan's presentation served as a catalyst for students to embark on a journey towards holistic health and heart-centered living.

Coordinator: Dr. Rajeshwari Hegde

Introduction to Roslind Franklin AI+X project series

By. Dr. Suhas Srihari, is an AI and Computational Imaging Scientist, National Oak Research Laboratory

23rd January 2023



Participants Statistics

Faculty and Students: 40

Program Brief

During Dr. Suhas's talk, he provided an overview of the prevalent real-life problems encountered by people in and around Bangalore. He encouraged students to work collaboratively in teams to identify these challenges, highlighting it as the initial step towards undertaking projects related to real-life issues.

Dr. Suhas emphasized the division of labor among students based on their academic years. He suggested that 2nd-year students focus on recognizing the problems, while 3rd-year students should delve into identifying methods to solve these problems and work towards providing technical solutions. This approach enables students to progressively enhance their problem-solving skills and technical expertise as they advance through their academic journey.

Furthermore, Dr. Suhas mentioned the potential for UN funding if students can develop viable solutions to the identified problems. This incentive underscores the importance and impact of the projects on a broader scale.

Additionally, a team of three students from the 5th semester engaged in a discussion with Dr. Suhas regarding their project on Nutrition recommendation using AI/ML. This indicates active student involvement in addressing real-life challenges through innovative technological solutions.

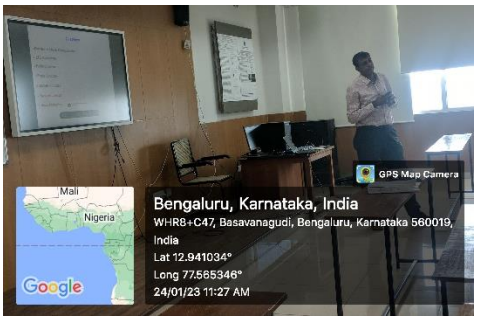
In summary, Dr. Suhas's talk provided a framework for students to engage with real-life problems, delineated their roles based on academic progression, highlighted potential funding opportunities, and showcased ongoing student projects aimed at addressing these challenges, such as the nutrition recommendation project utilizing AI/ML.

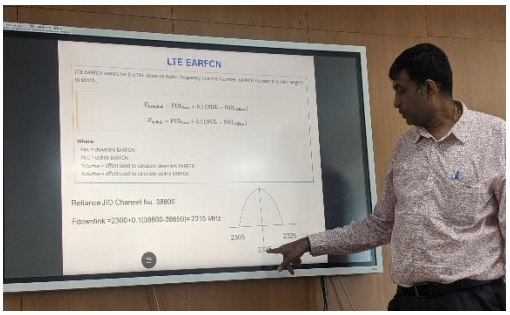
Coordinator: Dr. Rajeshwari Hegde

LTE Architecture

By Dr. K R Sudhindra, Associate Professor, Department of Electronics and Communication Engineering, BMS College of Engineering , Bangalore

24th January 2023





Participants Statistics

Faculty and Students: 45

Program Brief

As part of the curriculum for the 7th semester students, an insightful and informative talk on "Wireless Communication" was delivered by Dr. K R Sudhindra. Dr. Sudhindra commenced his presentation by tracing the evolutionary journey of mobile communication technologies, spanning from the first generation (1G) to the cutting-edge 5G networks. This historical overview provided the students with a comprehensive understanding of the advancements and innovations that have shaped the field of wireless communication over the years.

Transitioning from the historical perspective to a more practical focus, Dr. Sudhindra delved into the architecture of Global System for Mobile Communications (GSM), a widely used standard for cellular networks. He elucidated the intricate mechanisms involved in bandwidth allocation, detailing how different service providers such as Reliance Jio, Airtel, Vodafone, and BSNL are accommodated within the GSM framework. Drawing from his personal experience working with Vodafone, Dr. Sudhindra offered valuable insights into the operational aspects and challenges faced by telecommunications companies in managing and optimizing their networks.

Continuing his discourse, Dr. Sudhindra elucidated the architecture of Long-Term Evolution (LTE), a significant advancement beyond GSM. He elucidated the distinctions

between LTE and GSM, highlighting the technological enhancements and benefits offered by LTE networks. Emphasizing the need for LTE in addressing the evolving demands of modern communication, Dr. Sudhindra underscored the role of LTE in facilitating higher data rates, improved spectral efficiency, and enhanced user experience.

The talk progressed seamlessly as Dr. Sudhindra navigated through the evolutionary trajectory of LTE, elucidating the key milestones and technological breakthroughs that have propelled its adoption and deployment worldwide. In particular, he shed light on the concept of cell search in LTE, a critical procedure for establishing and maintaining connectivity within LTE networks.

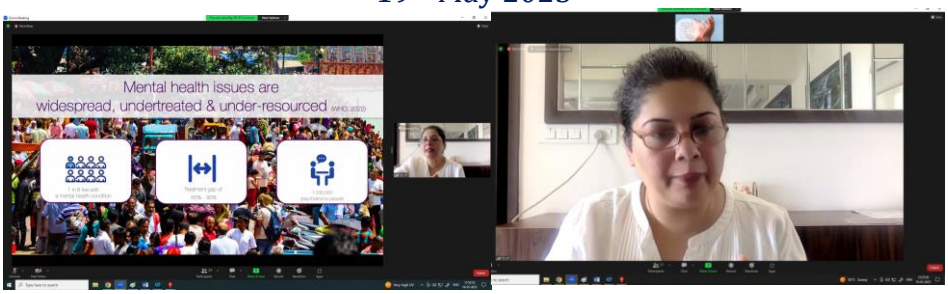
Concluding the session with a question and answer segment, Dr. Sudhindra provided students with the opportunity to seek clarification, delve deeper into specific topics, and engage in meaningful dialogue regarding wireless communication technologies. Overall, the invited talk served as a valuable platform for students to gain insights from an industry expert, enriching their understanding of wireless communication concepts and applications.

Coordinator: Dr. Rajeshwari Hegde

Addressing Mental health Challenges with Technology-A perspective on innovations in the field

By Dr.Rajalakshmi Borthakur, Founder & CEO, Terrablue XT

19th May 2023



Participants Statistics

Faculty and Students: 30

Program Brief

The department of ETE and MEE in association with ISRC BMSCE is organized a webinar on "Addressing Mental Health Challenges with Technology - A perspective on innovations in the field" by Dr. Rajlakshmi Borthakur, Founder & CEO - TerraBlue XT On 19th May 2023 from 11.30 am. There were about 30 participants attended the webinar.

The faculty coordinators were Dr. Rajeshwari Hegde from ETE Dept. and Dr Vijayalakshmi K from Medical Electronics Engg.

The intersection of mental health and technology has witnessed a surge in innovative solutions aimed at addressing prevalent challenges. From mobile applications to AI-driven interventions, these advancements are reshaping the landscape of mental health care. Technology-driven solutions are revolutionizing mental health care, offering accessible and innovative approaches to address prevalent challenges. This report explores key technological innovations and their impact on mental health and the research activities at TerrabuleXT.

Coordinator: **Dr. Rajeshwari Hegde**

Faculty as Resource Persons

Sl.	Name of Faculty	Nature of Program	Title Program	Date	Venue
1	Dr. B Kanmani	One week FDP	Outcome based Education	25-07-2022	Shoolini University,Himachal Pradesh
		One week FDP on OBE	Formulating student learning outcomes and CO-PO mapping	19-08-2022	ISTE-BMSCE chapter of BMS Evening College of Engineering
		One week Shikshak Parv	NEP 2020	8-09-2022	Department of ETE,Sir M Visvesvaraya Institute of Technology,Bengaluru
		One week FDP on Outcome based Education	Role of Faculty in the OBE and NEP Framework	19-09-2022	Malnad College of engineering,Hassan
		Tenth International conference on Transformations in Engineering Education	Pre-conference workshop on 'Engineering Mathematics concepts using Python'	05-01-2023	Vidyavardhaka College of engineering,Mysuru
		One week FDP on outcome based Education	Outcome Based Education:Adopting Effective Pedagogy	2-02-2023	Jyothi Engineering College,Thrissur, Kerala
		One day workshop	'Effective implementation of OBE leading to accreditation	02-06-2023	Dr. Mahalingam College of engineering and technology, Pollachi,Tamil nadu
		One day workshop	'Effective implementation of	14-06-2023	PSG College of Engineering,

			Outcome Based education'		Peelamedu, Coimbatore, Tamil nadu
2	Dr. Rajeshwari Hegde	IEEE CONECCT-Reviewer	The 8th international conference on Electronics,Computing and communication Technologies	5-07-2022	IEEE Bangalore section
		IEEE CONNECT-session chair	IEEE CONECCT 2022	10-07-2022	IEEE Bangalore section
		Statistics Enthusiastic Asia student paper Competition 2022	Advances on applied Statistics and data science,Yogyakarta	March-July 2022	Bangalore
		IEEE MYSURUCON 2022(Reviewer)	Certificate of appreciation as a reviewer	16th to 17th October 2022	SJCE,Mysuru
		Invited talk	Science of meditation	19-10-2022	KSIT,Bengaluru
		Session during the induction program	Power of Thoughts	28-11-2022	BMSCE,Bengaluru
		Session during the induction program	Science of meditation	2-12-2022	KSIT,Bengaluru
		FDP	Integrated Well-being and Mental Health	22-02-2023	KLS Gogte Institute of Technology,Belagavi
		IEEE International conference-Reveiwer	The IEEE International Conference on the paradigm shifts in communication, Embedded systems, Machine learning and Signal processing	14th April 2023	Visvesvaraya National Institute of Technology,Nagpur
		IEEE International conference-	IEEE International Conference on	26-05-2023	Nitte Meenakshi institute of

		Reveiwer	Networks, Multimedia and Information Technology		Technology,Bengaluru
3	Prof. T Anushalalitha	FDP	EMI Shielding concepts and Electro-static Devices(ESD)	25-02-2023	CPRI,organized by CCAR,Bangalore
4	Dr Balachandra K	Value added course	Signal processing: Research and documentation	3 to 15th April 2023	BMSCE
5	Dr.C Gururaj	International Conference-session chair	International conference on Data Science and Information System	30-07-2022	Malnad College of engineering,Hassan
		Value added course	Signal processing: Research and documentation	3 to 15th April 2023	BMSCE
		Open House project competition	Judge	29-04-2023	JSS Academy of Technical Education,bengaluru
		Conference Session Chair	The 2nd International IEEE Conference on distributed Computing,Electrical Circuits and Electronics	30-04-2023	BITM,Ballari
6	Dr.M.Vasanthalakshmi	Value added course	Signal processing: Research and documentation	3 to 15th April 2023	BMSCE
7	Dr.Prasanna Kumar.M.K	Value added course	Signal processing: Research and documentation	3 to 15th April 2023	BMSCE
		Conference Session Chair	The 2nd International IEEE Conference on distributed Computing,Electrical Circuits and Electronics	29-04-2023	BITM,Ballari

Faculty Training Program Participated

Sl. No	Name of Faculty	Program attended	Date	Venue
1	Dr.Rajeshwari Hegde	The basic requirement,including practical and theoretical coursework to serve as a Heartfulness trainer.	05-07-2022	Heartfulness Center
		One day national level (online) seminar on “Digital transformations under NEP 2020”	15-07-2022	IQAC,BMSCE
		"Nurturing excellence Through Self Exploration"	7th to 11th Oct,2022	Heartfulness Institute,Hyderabad
		Quantum healing Foundation Course	17-05-2023	Heartfulness Institute,Hyderabad
		“Sustainability-Aligning External & internal drivers,A Heartfulness approach”	1st-7th June 2023	Heartfulness Institute,Hyderabad
2	Dr. K.P Pushpavathi	One day national level (online) seminar on “Digital transformations under NEP 2020”	15-07-2022	IQAC,BMSCE
		Online two week GIAN Course on "Sensing and related Technologies for the grand Challenges of the 21st Century:Climate,Energy,Water,Food,Health and Mega-Cities"	11th to 22nd July 2022	BMSCE
		Online FDP on "Advancement in RF,Microwave,Antenna and 5G Application"	27th to 31st March,2023	Atria Institute of Technology,Bangalore
3	Dr. M. Vasantha Lakshmi	Online two week GIAN Course on "Sensing and related Technologies for the grand Challenges of the 21st Century:Climate,Energy,Water,Food,Health and Mega-Cities"	11th to 22nd July 2022	BMSCE
4	Prof. T.Anushalalitha	Online two week GIAN Course on "Sensing and related Technologies for the grand Challenges of the 21st	11th to 22nd July 2022	BMSCE

		Century:Climate,Energy,Water,Food,Health and Mega-Cities"		
		Microsoft India & SAP India on "Artificial Intelligence"	16th to 20th Jan,2023	Bangalore
		Financial Awareness Program	10-12-2022	Centre for investment Education and Learning in association with BSE investor protection fund,Bangalore
		"Recent trends in Power Electronics Applications to Renewable Energy,smart grids and Electric vehicles"	27th to 31st March,2023	BMSCE
		"Sustainability-Aligning External & internal drivers,A Heartfulness approach"	1st-7th June 2023	Heartfulness Institute,Hyderabad
5	Dr.Ambika, K	"Recent trends in Power Electronics Applications to Renewable Energy,smart grids and Electric vehicles"	27th to 31st March,2023	BMSCE
6	Prof.Archana.K	"Recent trends in Power Electronics Applications to Renewable Energy,smart grids and Electric vehicles"	27th to 31st March,2023	BMSCE

Events Organized by the department

Sl. No	Name of Faculty	Event details	Date
1	Dr. Rajeshwari Hegde, Dr.Balachandra.K,	An online National Level project contest "TELECOMBAT" in association with IEEE BMSCE student branch	16-7-2022
2	Dr.Rajeshwari Hegde	A meeting with Dr.Rajalakshmi,Founder and CEO,TerraBlueXT to sign MOU	8-03-2023
3	Dr.Rajeshwari Hegde	Signed an MOU with TerraBlue XT	13-05-2023

Faculty Publications

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2. Feroz Morab, Rajeshwari Hegde, Veena N. Hegde, High Resolution Detection, Estimation and Location Using GTF DoA Method for Smart Antenna System, Traitement du Signal Vol. 39, No. 3, June, 2022, pp. 1051-1060 WoS, Q2 journal (Scopus indexed), 30/7/22

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