



**2nd International Conference on Emergent Converging Technologies and
Biomedical Systems
(ETBS – 2022), September 23 -24, 2022**



2nd Emergent Converging Technologies and Biomedical Systems (ETBS 2022), being organized by the Department of Electronics and Communication Engineering & Department of Physics and Materials Science, Jaypee University of Information Technology, Wagnaghat, Himachal Pradesh, India from September 23-24, 2022. The conference is sponsored by the ***Council of Scientific & Industrial Research (CSIR) and the Biomedical Engineering Society of India (BMESI)***.

The ETBS aims to serve researchers, developers, and educators working in the area of signal processing, computing, control, and their applications to present and future work as well as to exchange research ideas. 2022 ETBS invites authors to submit their original and unpublished work that demonstrates current research in all areas of signal processing, computing, control, and their applications. ETBS 2022 solicits full-length original and unpublished papers, based on theoretical and experimental contributions, related, but not limited to the following tracks, are solicited for presentation and publication in the conference: Engineering in Medicine and

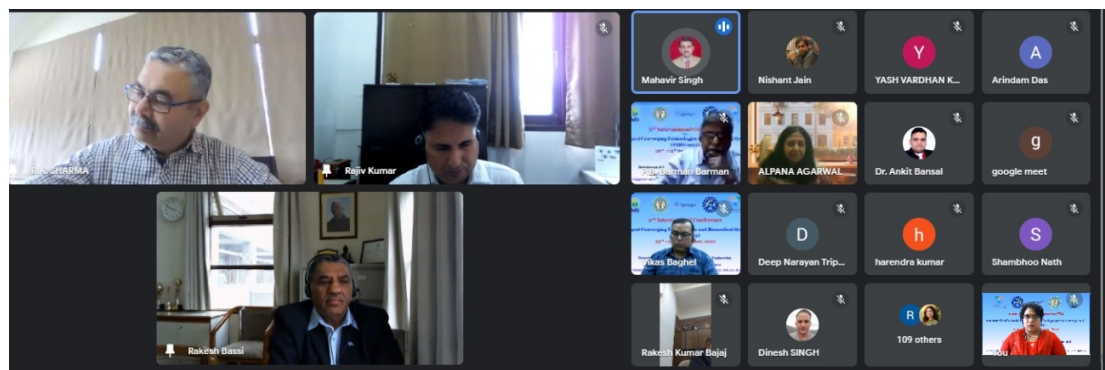
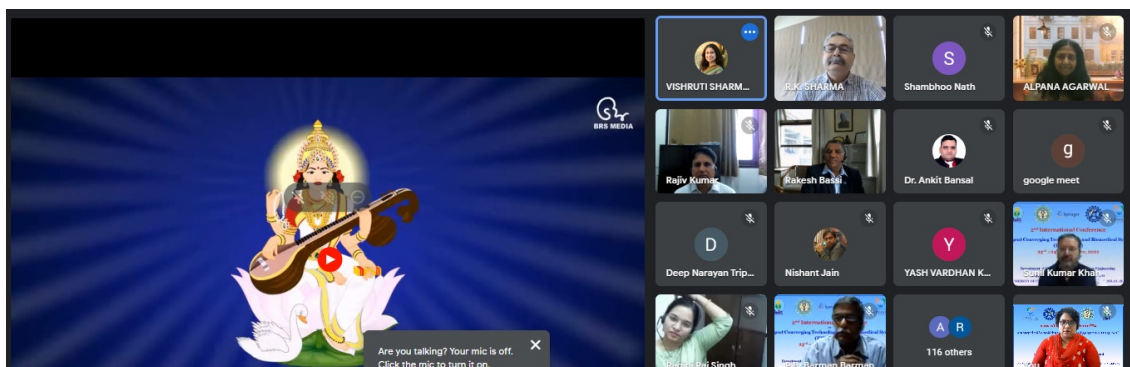
Biology, Signal Processing and Communication, Soft Computing Technologies and Theme Based Special Sessions This conference is one of the premier venues for fostering international scientific and technical exchange across research communities working in multiple domains. The 2nd ETBS 2022 technical program committee put together a program, consisting of 12 technical sessions and 6 invited talks.

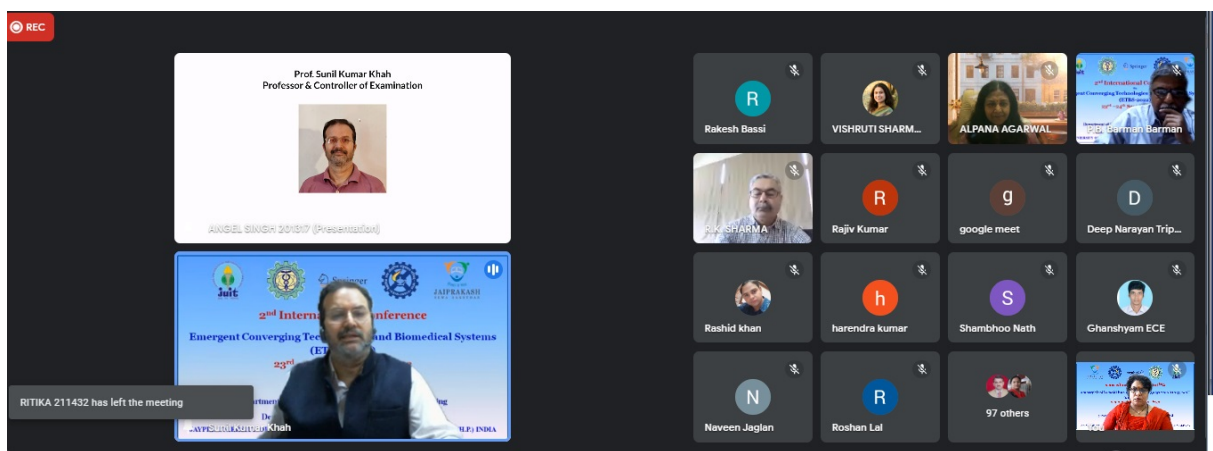


The conference started with the inauguration ceremony with the welcome note and conference overview virtually on September 23, 2022 at 9.30 AM, where the dignitaries, the guests and the speakers were welcomed.



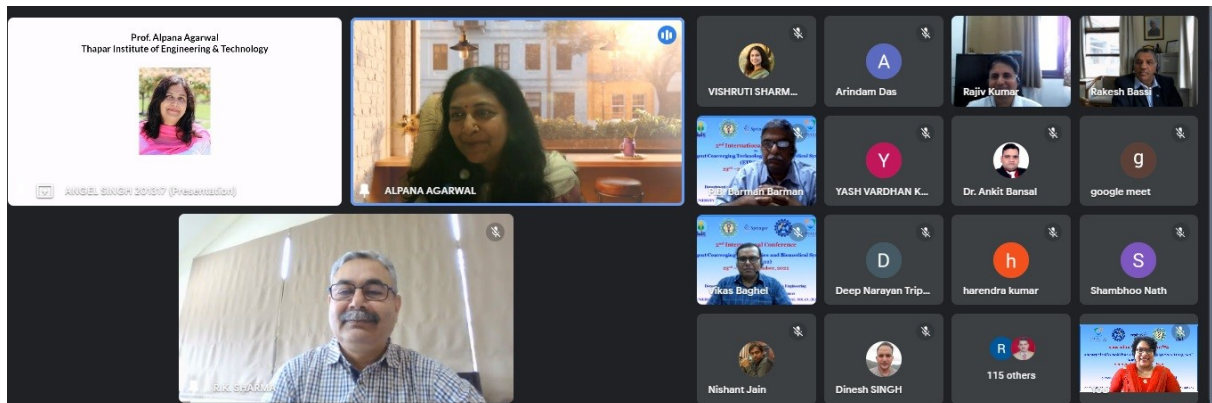
Honorable Vice Chancellor Prof. (Dr.) Rajendra Kumar Sharma of JUIT, Registrar and Dean of Students Welfare Major General Rakesh Bassi, JUIT, General Chair- ETBS 2022 Prof. (Dr.) Sunil Kumar Khah, JUIT, Associate Dean (Innovation), Professor ECE Department and General Chair- ETBS2022, JUIT: Prof. (Dr.) Shruti Jain, and other professors and faculty members expressed how ecstatic they were and shared their views on how such more conferences must be conducted by the university.





We are thankful to our Chief Guest **Prof. Mahavir Singh, HPU, Shimla**, and Guest of Honor **Prof. Alpina Agarwal, TIET, Patiala** for gracing the inaugural session of ETBS 2022.

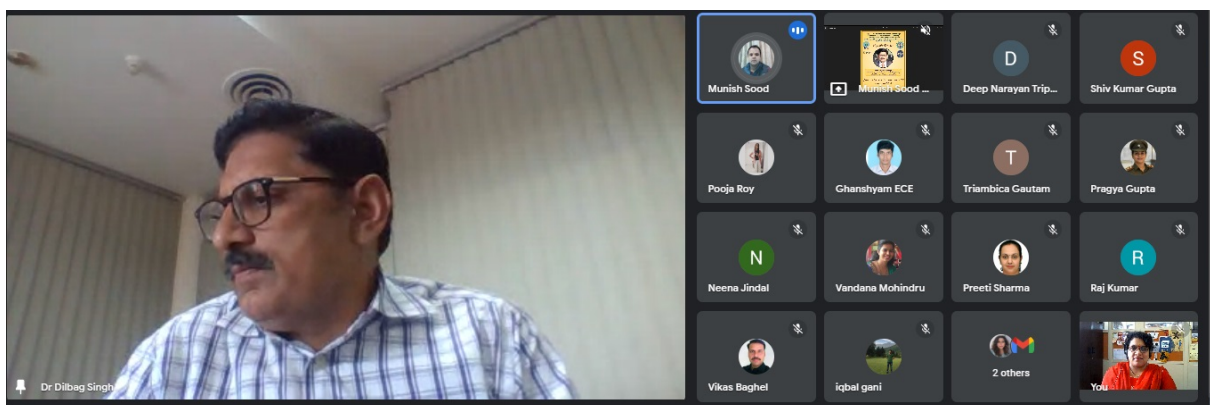




We are also thankful to the speaker **Prof. (Dr.) Dinesh Kumar**, Electrical and Computer System Engineering, RMIT, University, Melbourne, Australia, **Prof. (Dr.) Celia Shahnaz**, Department of EEE, Bangladesh University of Engineering and Technology, **Prof. (Dr.) Dilbag Singh**, Department of Instrumentation and Control Engineering, National Institute of Technology Jalandhar, India, **Prof. (Dr.) Mayank Dave**, Department of Computer Engineering, NIT Kurukshetra, **Prof. (Dr.) Pradeep Naik**, HoD, Biotechnology Department, School of Life Sciences, Sambalpur University, Sambalpur, Odisha, **Ms. Kamiya Khatter**, Editor - Applied Sciences & Engineering who spared time to share their knowledge, expertise, and experience spite their busy schedules.



<p>Jaypee University of Information Technology Electronics and Communication Engineering & Department of Physics and Materials Science 2nd Emergent Converging Technologies and Biomedical Systems (ETBS 2022)</p> <p>Keynote Speaker</p>  <p>Prof. (Dr.) Celia Shahnaz Department of EEE, Bangladesh University of Engineering and Technology</p> <p>Date: 23th Sep, 2022, Time: 04:00 - 05:00 IST Medium: GoogleMeet</p>	<p>Jaypee University of Information Technology Electronics and Communication Engineering & Department of Physics and Materials Science 2nd Emergent Converging Technologies and Biomedical Systems (ETBS 2022)</p> <p>Keynote Speaker</p>  <p>Prof. (Dr.) Dilbag Singh Department of Instrumentation and Control Engineering, National Institute of Technology, Jalandhar.</p> <p>Date: 23th Sep, 2022, Time: 12:45 - 01:30 IST Medium: GoogleMeet</p>	<p>Jaypee University of Information Technology Electronics and Communication Engineering & Department of Physics and Materials Science 2nd Emergent Converging Technologies and Biomedical Systems (ETBS 2022)</p> <p>Keynote Speaker</p>  <p>Prof. (Dr.) Dinesh Kumar Electrical and Computer System Engineering RMIT, University, Melbourne, Australia</p> <p>Date: 23rd Sep, 2022, Time: 02:00 - 03:00 IST Medium: GoogleMeet</p>
<p>Jaypee University of Information Technology Electronics and Communication Engineering & Department of Physics and Materials Science 2nd Emergent Converging Technologies and Biomedical Systems (ETBS 2022)</p> <p>Keynote Speaker</p>  <p>Ms. Kamiya Khatter Editor - Applied Sciences & Engineering Springer - a part of Springer Nature</p> <p>Date: 24th Sep, 2022, Time: 09:30 - 10:30 IST Medium: GoogleMeet</p>	<p>Jaypee University of Information Technology Electronics and Communication Engineering & Department of Physics and Materials Science 2nd Emergent Converging Technologies and Biomedical Systems (ETBS 2022)</p> <p>Keynote Speaker</p>  <p>Prof. (Dr.) Mayank Dave Department of Computer Engineering NIT Kurukshetra</p> <p>Date: 23th Sep, 2022, Time: 10:45 - 11:30 IST Medium: GoogleMeet</p>	<p>Jaypee University of Information Technology Electronics and Communication Engineering & Department of Physics and Materials Science 2nd Emergent Converging Technologies and Biomedical Systems (ETBS 2022)</p> <p>Keynote Speaker</p>  <p>Prof. (Dr.) Pradeep Naik HoD, Biotechnology Department School of Life Sciences, Sambalpur University, Sambalpur, Odisha</p> <p>Date: 24th Sep, 2022, Time: 11:30 - 12:30 IST Medium: GoogleMeet</p>

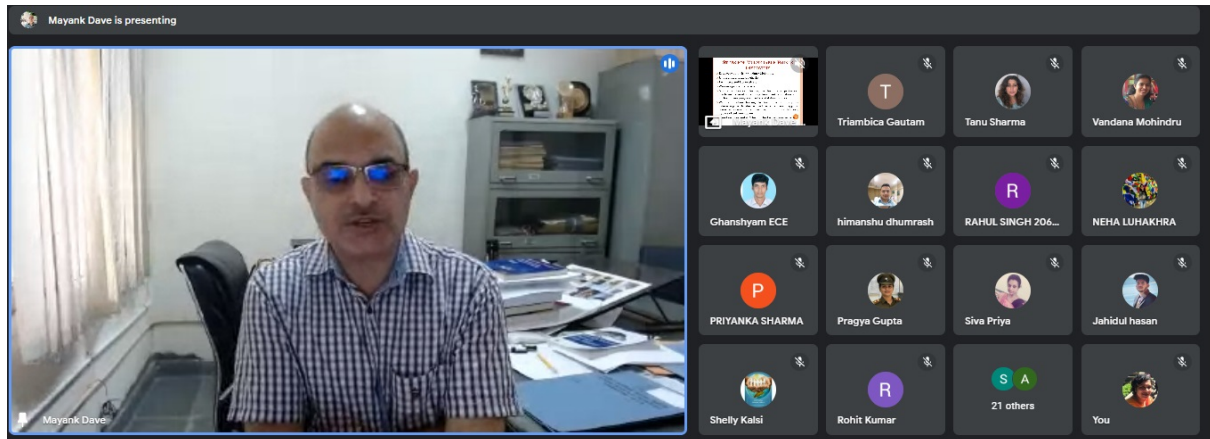


Celia Shahnaz is presenting

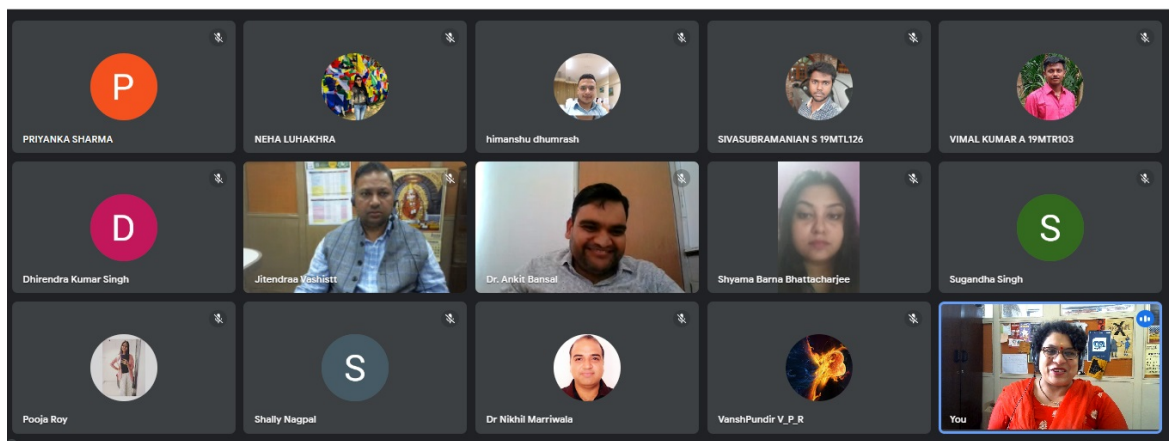
Celia Shahnaz	S Baitya	Deep Narayan Trip...	Deler Singh
Nafis uddin Khan	NEHA LUHAKHRA	KALPANA SHARM...	Kamlesh Mishra
Tanu Sharma	Triambica Gautam	Suhail Masood	Vikas Baghel
Preeti Sharma	iqbal gani	5 others	You

Salman Raju Ta...	Deep Narayan ...	Ram Avtar	RAHUL SINGH ...
Suresh Kumar	Saurabh Srivas...	iqbal gani	ANURADHA 18...
Pooja Roy	Sandeep Thakur	Vikas Baghel	Tanu Sharma
Pragya Gupta	Ajay Kumar Sin...	6 others	108

Sanjiv Kumar T...	AMIT ROY 225...	Tiratha Raj Sin...	Triambica Gau...
Vikas Baghel	Neena Jindal	Monika Sharma	Preeti Sharma
RAHUL SINGH ...	Pooja Roy	Shambhoo Nath	Rohit Sharma
Sunil Kumar K...	KALPANA SHA...	Tanu Sharma	16 others



Despite being ETBS series conferences to be in a fully Online Mode, ETBS 2022 has been able to garner an overwhelming response from researchers, academicians, and industry from all over the globe. We have received the papers from the USA, Nigeria, Iran, Bangladesh, China, etc making it truly International. We received papers pan-India from TamilNadu, Andhra Pradesh, Raipur, Kerala, Uttarakhand, Delhi, Pune, Hyderabad, Rajasthan, Guwahati, and not to mention our neighboring states. The authors are from premium institutes IITs, NITs, Central Universities, PU, and many other reputed institutes.



Ram Avtar is presenting

Maximum value of Learning accuracy across different algorithm in group-1

Algorithm	Signal Ratio	Learning Accuracy (%)
Decision Tree	Signal-30	52.5
	Signal-30	52.5
SVM	Signal-30	57.5
	Signal-28	55
KNN	Signal-30	55
	Signal-30	62.5
	Signal-16	62.5
Signal-30	60	

Activate Windows
Go to Settings to activate Windows.

Participants:

- Rahul Shrivastava
- Kamlesh Kumar Sr...
- Vivek Shrivastava
- Anil Kant
- UMA TOMER
- R S Raja Durai
- mortuza ahmed
- Ram Avtar
- Pooja Roy
- Vikas Baghel
- sonali guglani
- Iqbal gani

Zeeshan Naseem is presenting

Results

Received E-Mail After the Panic State Detection

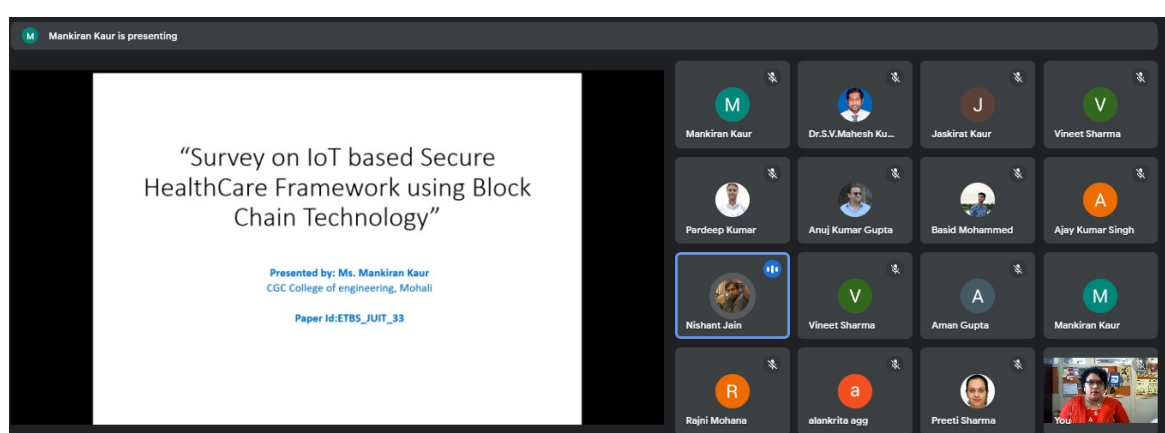
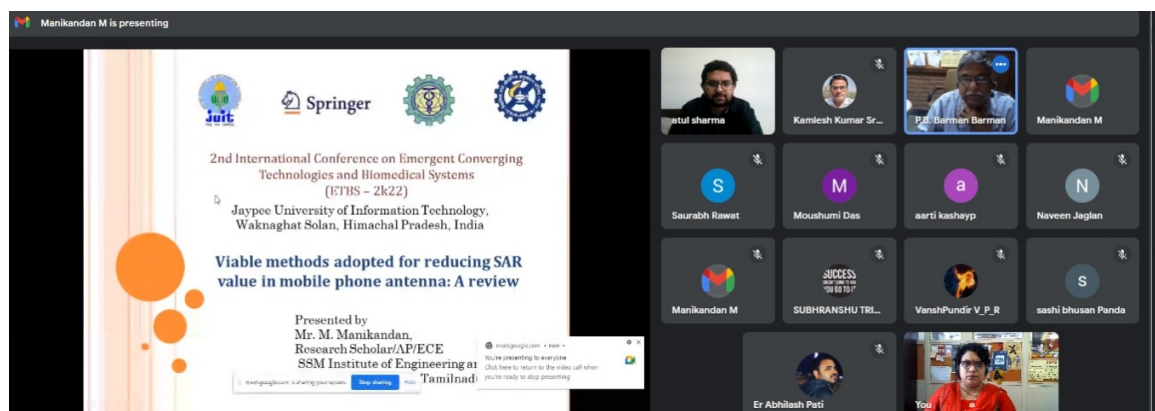
Co-Ordinates of The Victim

Participants:

- Tejbir Rana
- S Baidya
- Amit Singh
- Dr. Garlapati Vijay ...
- Tejbir Rana
- Deep Narayan Trip...
- Zeeshan Naseem
- Sunil Datt Sharma
- deepak singla
- Vishnu Sai
- Garlapati Vijay Ku...
- Amit Singh

Participants:

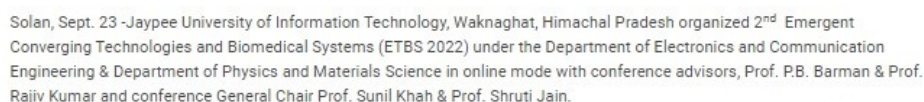
- Kamlesh Kumar Srivastava
- Manikandan M
- aarti kashayp
- Saurebh Bower
- SUBHRANSHU TRIPATHY
- P.B. Barman Barman
- Moushumi Das
- Manikandan M
- atul sharma
- You



We have received over 195 research papers, out of which 56 papers are accepted and registered, and presented their research papers during a two-day conference, acceptance ratio is 28.7%. Each session had a Chair and Co-chair, who were experts in the domain. Each author was given 10 minutes for the paper presentation, which was followed by a question and answer session for 5 minutes. The conference was structured to foster discussion between participants. Each theme started with a keynote lecture by an eminent personality in the domain.

The two-day Conference ended with a valedictory session. We truly believe the participation of researchers from different universities and institutes, working on applications of thematic areas of the conference across the domains in this conference and deliberating their research issues and outcomes resulted in fruitful and productive recommendations.

🕒 4 hours ago ✎ admin



Jaypee University of Information Technology
Department of Physics and Materials Science
2nd International Conference
Emergent Converging Technologies and Biomedical Systems
ETBS-2022



सोला जेपी युनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी, वाकनाथा, हिमाचल प्रदेश ने इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग विभाग और भौतिकी और सामग्री विज्ञान विभाग के सहित सम्मेलन साहकारों, प्रो. पी.बी. बर्मन और प्रो. राजीव कुमार और समेलन के जनरल चेयर प्रो. सुनील खाह और प्रो. ध्रुति चैन। सम्मेलन को वैज्ञानिक और औद्योगिक अनुसंधान परिषद (सीएसआईआर) और बायोमेडिकल इंजीनियरिंग सोसाइटी ऑफ इंडिया (बीएमईएसआई) द्वारा वित्तीय रूप से प्रायोजित किया गया था। कार्यक्रम का उद्घाटन दीपप्रज्वलित कर जेपू आईटी के कुलपति प्रो. राजेंद्र कुमार भार्गवा, मुख्य अतिथि प्रो. महावीर सिंह, एचपीयू, विशिष्ट अतिथि प्रो. अत्मान अग्रवाल, टीआईआईटी, मेजर जनरल (सेवानिवृत्त) राधेश्या ने किया। बस्ती, रजिस्ट्रार और डीन ऑफ स्टूडेंट्स वेल्फेयर, JUIT, और प्रो. सुनील खाह, जनरल चेयर ETBS2022। ETBS 2022 के उद्घाटन समारोह का समापन डॉ. विकास बघेल द्वारा धन्यवाद शापन के साथ हुआ। इस कार्यक्रम में कुल 12 सत्र थे, जिसमें दुनिया भर के 6 मुखा वक्ता थे।

Post Views: 650

Recent Comments

No comments to show.

जेपी यूनिवर्सिटी में सम्मेलन

दिव्य हिमाचल ब्यूरो-सोलन

जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी, वाकनाघाट, हिमाचल प्रदेश ने इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग विभाग और भौतिकी व सामग्री विज्ञान विभाग विषय पर अंतरराष्ट्रीय सम्मेलन का आयोजन किया गया। इसमें प्रोफेसर पीबी बर्मन और प्रोफेसर राजीव कुमार और सम्मेलन के जनरल चेयर प्रोफेसर सुनील खाह और प्रोफेसर श्रुति जैन ने भाग लिया। सम्मेलन को वैज्ञानिक और औद्योगिक अनुसंधान परिषद (सीएसआईआर) और बायोमेडिकल इंजीनियरिंग सोसायटी ऑफ इंडिया (बीएमईएसआई) द्वारा वित्तीय रूप से प्रायोजित किया गया था। कार्यक्रम का उद्घाटन दीप प्रज्वलित कर जेयूआईटी के



कुलपति प्रोफेसर राजेंद्र कुमार शर्मा, मुख्य अतिथि प्रोफेसर महावीर सिंह, एचपीयू, विशिष्ट अतिथि प्रोफेसर अल्पना अग्रवाल, टीआईईटी, मेजर जनरल (सेवानिवृत्त) राकेश ने किया। बस्सी, रजिस्ट्रार और डीन ऑफ स्टूडेंट्स वेलफेयर, जेयूआईटी, और प्रोफेसर सुनील खाह, जनरल चेयर ईटीबीएस 2022। ईटीबीएस 2022 के उद्घाटन समारोह का समापन डाक्टर विकास बघेल द्वारा धन्यवाद ज्ञापन के साथ हुआ। इस कार्यक्रम में कुल 12 सत्र थे, जिसमें दुनिया भर के 6 मुख्य वक्ता थे।