

The Spintronics NEWSLETTER

J. B. Institute of Engineering & Technology

June 2020

Volume1, Issue 01

Department of ECE

Vision

To be a guiding force enabling multifarious applications in Electronics and Communications Engineering, promote innovative research in the latest technologies to meet societal needs.

Mission

- To provide and strength encore competencies among the students through expert training and industry interaction.
- To promote advanced designing and modeling skills to sustain technical development and lifelong learning



INSIDE HIGHLIGHTS

HOD'S MESSAGE

EVENTS

STUDENTS ACHIEVEMENTS

ARTICLES



Dr. Towheed Sultana
HOD, ECE

Message from HOD

“Congratulations to our exceptional faculty and students for their hard work, dedication, and outstanding achievements! Your commitment to excellence is truly inspiring.”

Events Conducted

- International Conference: DISC2020
- “One day workshop on YOGA culture development in students
- One week FDP on ‘Recent trends in Electronics & Communication Engineering’
- Online Webinar Conducted on “Research Insight of Deep Learning and Scope for ECE and EEE”,

INTERNATIONAL CONFERENCE: DISC 2020

An International conference on the name of “International Conference on Devices, Intelligent Systems on Communications” DISC-2020, is organized in the department of Electronics & communication Engineering. From 9th January 2020 to 10th January 2020. The program is co-ordinated by the faculty members Mr. Bijaya Kumar Muni, Mrs. K Snehalatha, and Mr. N Ramesh Babu of Department of ECE.

Page | 3

DETAILS:

KEY DATES

Date	Action
20 th Nov 2019	Last Date of paper submission
10 th Dec 2019	Acceptance notification
25 th Dec 2019	Last date for camera ready paper submission
2 nd Jan 2020	Last date of conference registration

REGISTRATION FEES

Sl No	Participants	Fees (INR)	Fees (USD)
1.	Registration for Authors (Faculty)	6000	85
2.	Registration for Author (Student)	5000	70
3.	Participants from Industry	4000	55
4.	Participants from Academia	3000	45

Paper Submission
Submit your paper to our Online Submission System via Easy Chair
Visit our website
<http://www.jbiet.edu.in/disc/>

MODE OF PAYMENT
Refer To Conference Website

ORGANISING COMMITTEE

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Dr. Anindya Jana, Associate Professor

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Dr. Md. Salauddin, Associate Professor
Dr. S. Ibrahim Sadhar, Professor
Dr. Himanshu Sharma, Associate Professor
Mr. Rajkumar D Bhure, Associate Professor

Coordinators
Mr. N. Ramesh Babu, Associate Professor
Mrs. K. Snehalatha, Associate Professor
Mr. Bijaya Kumar Muni, Assistant Professor
Mr. P. Ravikiran, Assistant Professor




**INTERNATIONAL
CONFERENCE ON
DEVICES,
INTELLIGENT
SYSTEMS AND
COMMUNICATIONS
(DISC-2020)**

9th -10th Jan, 2020

**DEPARTMENT OF
ECE**

**J. B. INSTITUTE OF
ENGINEERING &
TECHNOLOGY
(UGC AUTONOMOUS)
HYDERABAD**



The conference is headed by Dr. Towheed Sultana, HOD, Department of ECE and our Principal Dr. S Sudhakar Reddy. The Key note speaker Dr. Nguyen THI Dieu Linh of Hanoi University of Industry, Hanoi, Vietnam, delivered a Key note on Artificial Neural Network and its real time

applications in the current scenario. Professor Dr. A. Govardhan is also graced the conference as a chief guest.

More than 100s of papers are received for the conference, out of which 50 papers were selected and published in the conference. The various topics covered in the conference is AI Algorithms, Fuzzy & Neural System, Bioinformatics, Pattern Recognition, Robotics, NLP-KLP, Network Control System, Fault-Tolerant Control System, System Performance & Reliability, Application Controls, Power Instrumentation, Resilient System, Bio Imaging & Signal Processing, Signal Processing & Network Communication, Speech & Language Processing, Adaptive Signal Processing etc.

J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY
INTERNATIONAL CONFERENCE ON DEVICES, INTELLIGENT SYSTEMS AND COMMUNICATIONS (DISC-2020)
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

9th-10th Jan, 2020

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Paper Submission link
 Submit your paper to our Online Submission System via Easy Chair
<https://easychair.org/account/signin?i=yUXdC87vgBC63sYnu6Y3gk>

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Contact Us
 Phone Nos: 6301778114, 8639261075
 Website: <http://www.jbiet.edu.in/disc/> Email: disc2020.ec@jbiet.edu.in

Program Chair
 Dr. Towheed Sultana, HOD, ECE, JBIET
 Dr. Anindya Jana, Associate Professor

Conveners
 Dr. Prasanta Kumar Pradhan, Associate Professor
 Dr. Md. Salauddin, Associate Professor
 Dr. S. Ibrahim Sadhar, Professor
 Dr. Himanshu Sharma, Associate Professor
 Mr. Rajkumar D Bhure, Associate Professor

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 Mrs. K. Snehalatha, Associate Professor
 Mr. Bijaya Kumar Muni, Assistant Professor
 Mr. PRAVIKIRAN, Assistant Professor

PRINCIPAL
 DUNEERAJ UPADHAYAYA

Glimpse of Conference:

JBIEET Secretary: Sri J V Krishna Rao lightning the Lamps



**Principal Dr. S S
Sudhakar Reddy
Lightning the
Lamps**

*Dr. Nguyen Thi Dieu Linh
Delivering the Key Note*



Webinar Conducted on “Research Insight of Deep Learning and Scope for ECE and EEE”,

Page | 6



Names of Resource Persons	Topic Covered
Dr. Arindam Biswas Kazi Nazrul University (Public University)	THz Solid State Source
Dr. Anuj Kumar oel, CMRIT	MEMS Devices & Micro sensors
Dr. Sanjay Gowre, BKIT Bhalki	Advances in Photonics
Dr. Md. Salauddin, JBIET	ADSD with HDL using Xilinx
Dr. G.Prasad NRSC/ISRO	Advances in Electronics
Dr. Towheed Sultana, JBIET	Molecular electronic Devices
Dr. G.Prasad NRSC/ISRO	Advances in Communication
Dr. Prasanta Kumar Pradhan, JBIET	Convex optimization
Dr. Himanshu Sharma, JBIET	4G Communication
Dr. Roushan Kumar UPES, Dehradun	Fundamental of automotive Electronics
Dr. Ibrahim PatelBVRIT Narsapur	Speech Processing
Dr. B. Khaleelu ehman, Nalla Malla Reddy Engineering College	Xilinx IP cores & it's applications
Mr. Rajesh Pershd, JBIET	Effective Teaching
Mr. Rajkumar D Bhure, JBIET	Cellular concept in communication

Broucher

Registration
For registration send Name, Designation & affiliation to hodecc@jbiet.edu.in or whatsapp @ +919432824701

About the FDP
The Online Faculty Development program has been planned to review the latest trends in Electronics and Communication Engineering for effective utilization of lock down period of COVID-19.

The FDP aims to cover all the related advancements in Electronics as well as communication industry of todays world which will be helpful for the faculty, researchers and the scholars persuing PhD.

This one week FDP also covers skill based learning with tools like xilinx for advanced VLSI design and Matlab for signal and Image processing.

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Mr. Rajkumar D Bhure

Coordinators
Dr. Md. Salauddin
Dr. Himanshu Sharma



One Week Faculty Development Program on 'Recent Trends in Electronics & Communication Engineering'

26th April- 2nd May, 2020

Dept. of Electronics & Communication Engineering



J. B. Institute of Engineering & Technology (UGC Autonomous)
Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana, 500075

Students Participation

- E.Rishika Reddy attended Online Quiz On “Electronic Core Engineering Up skilling Test Series”, At GNITS, Shaikpet in association with IETE Hyderabad, on 05-06-2020.
- T.Navya Participated in An “Analog Communication” at JBIET, Moinabad on 30-06-2020.
- L.Hari Kumar attended National Level online technical Quiz in ECE at Netaji Institute of Engineering & Technology, Toopranpet on 19-06-2020.
- M.Bhasker Reddy ,Participated in the International Webinar on the “Artificial Intelligence in Neurology” At VELS Institute of Science Technology,Chennai,on 05-06-2020
- K.Lokesh participated in Workshop on ”Emerging Trends in Artificial Intelligence” At Bhimavaram Institute of Engineering & Technology, Kakinada, on 25 to 31st May 2020

Page | 8

Projects Sanctioned

- Institute granted **Rs 45000/-** to Mr. Bijaya Kumar Muni for the project titled Portable ECG and EMG Module.
- Dr. Mohd. Salauddin was granted Rs 50,000/- for the project IOT based garbage monitoring system