



J.B. INSTITUTE OF ENGINEERING AND TECHNOLOGY

(UGC AUTONOMOUS)

**Bhaskar Nagar, Yenkapally Village, Moinabad Mandal, R.R. District, Hyderabad -
500075**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

One week FDP

On

‘Recent trends in Electronics & Communication Engineering’

26th April- 2nd May, 2020

Coordinators:

Dr. Anindya Jana, Assoc.Professor

Mr. Rajkumar D Bhure, Assoc. Professor

HOD- ECE

Dr. Towheed Sultana, Professor



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Vision of Institute:

To be a centre of excellence in engineering education, research and application of knowledge to benefit society with ethical values.

Mission of Institute:

1. To provide world class engineering education, encourage research and development.
2. To evolve innovative applications of technology and develop entrepreneurship.
3. To mould the students into socially responsible and capable leaders.

Vision of ECE Department:

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 of ECE Department:

1. To provide and strengthen core competencies among the students through expert training and industry interaction.
2. To promote advanced designing and modeling skills to sustain technical development and lifelong learning in ECE.
3. To promote social responsibility and ethical values, within and outside the department.

About the Department:

The Department of Electronics and Communication Engineering was established in the year 1998 with an intake of 60 in B.Tech. The intake was increased to 90 in the year 2000 and 120 in the year 2004. The M. Tech program in VLSI System Design was introduced in 2005 with an intake of 18 and it was raised to 24 in 2014. The B.Tech. Program was accredited by NBA in 2006.

The Department of ECE is best known for its talented and dedicated professionals renowned for their excellence in various specializations in the field of Electronics & Communication Engineering. The faculties have completed two **consultancy research projects** and one more

project is ongoing. 6 faculties have patents including National and Australian Govt. whereas, there are more than 50 research articles published in peer-reviewed Journal and Conferences for the last 3 years. ECE has also received AICTE grant under MODROB.

The Department is provided with state-of-the-art technological tools incorporated in all the existing laboratories. For the last ten years, the students of ECE, who walked out of the portals of the institute successfully, holding their degrees, were immediately inducted into the MNCs of high reputation in India & abroad.

About FDP:

The term “Electronics and Communication Engineering” denotes a broad engineering field that covers sub fields such as analog electronics, digital electronics, consumer electronics, embedded systems, communication systems and power electronics. Electronics engineering deals with implementation of applications, principles and algorithms developed within many related fields. For example solid-state physics, radio engineering, telecommunications, control systems, signal processing, systems engineering, computer engineering, instrumentation engineering, electric power control, robotics, and many others.

Need and Motivation:

The idea that “import of technology can accelerate national development in the field of electronics and communication”. In the era of globalization and knowledge economy propelled by the phenomenal growth in IT, a paradigm shift in productivity and economic development and in management thought is clearly discernible. Significant growth has been witnessed in the Electronics and IT sector.

With the evolution of the computer age, Electronics & Communication has crept into every sphere of human life, thus increasing its scope manifold. Electronics is now a part of our everyday life, from your pocket FM radio to televisions, computers, mobile phones and even the high-end satellites that are helping you read this article now. This was an overview on Electronics & Communication (EC), but after going through this you all will have quite an in- depth knowledge of what an Electronics & Communication Engineering(ECE) does and the way it treads the path in the near future. Taking educational scope into consideration, today’s world is coming up with new technological advancements every day. These new developments are done by the engineers turned scientists.

Having a further look at the career prospects, there is bound to be huge demand for competent engineers in electronic industry to cope this demand in technology. The engineers would be involved in sustaining cutting edge technology to stay ahead in competition.

Contents:

- EQ, IQ,AQ Edge-An Route to Success
- Minding yours Minds
- Developing Winning qualities for a Post Covid-19 world.
- Maintaining Quality of Work life during Pandemic.
- Power of Mind-exclusive session for students.
- Spiritual Quotient A holistic power to Sustenance.

Banner & Brochure:

Registration
For registration send Name, Designation & affiliation to hodece@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 today's world which will be helpful for the faculty, researchers and the scholars pursuing 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.

Registration Fees : Nil
Mode of Sessions: Online

Chief Patron
Sri J.V. Krishna Rao
Secretary, JBES


Patrons
Maj. Gen. Dr. S.S. Dasaka
CEO, JBGEI
Dr. S. Sudhakara Reddy
Principal, JBIET

Co Patrons
Dr. Niraj Upadhyaya, Dean, R&D
Dr. Towheed Sultana, HOD, ECE

Conveners
Dr. Anindya Jana
Dr. Prasanta Kumar Pradhan
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


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Hyderabad, Telangana, 500075

Circular:



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(UGC Autonomous)
DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING

4/23/2020

CIRCULAR

All the faculty member are here by Informed / Invited to Participate in the Online (FDP) Faculty Development Program on **RECENT TRENDS IN ELECTRONICS & COMMUNICATION ENGINEERING.**

Date and Time - 26.04.2020 TO 2.5.2020, 10:30:00 AM

Venue - Online Zoom

Note - To be Circulated to all faculty.

Tewheda S.

HOD HOD-ECE
JB Institute of Engineering & Technology
(UGC Autonomous)
(Accredited by NAAC, Approved by AICTE)
Permanently Affiliated JNU UH
Shankar Nagar, Main Road, Meerut
Meerut-201 002, U.P.

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Session wise Schedule

Sl. No	Date	Time	Resource Name	Topic
1.	26.04.2020	10:30-12:30	Dr. Arindam Biswas Kazi Nazrul University (Public University)	THz Solid State Source
2.	26.04.2020	01:30-03:30	Dr. Anuj Kumar oel,CMRIT	MEMS Devices & Micro sensors
3.	27.04.2020	10.30-12.30	Dr. Sanjay Gowre,BKIT Bhalki	Advances in Photonics
4.	27.04.2020	01:30-03:30	Dr. Md. Salauddin, JBIET	ADSD with HDL using Xilinx
5.	28.04.2020	10:30-12:30	Dr. G.Prasad NRSC/ISRO	Advances in Electronics
6.	28.04.2020	01:30-03:30	Dr. Towheed Sultana, JBIET	Molecular electronic Devices
7.	29.04.2020	10:30-12:30	Dr. G.Prasad NRSC/ISRO	Advances in Communication
8.	29.04.2020	01:30-03:30	Dr. Prasanta Kumar Pradhan, JBIET	Convex optimization
9.	30.04.2020	10:30-12:30	Dr. Himanshu Sharma, JBIET	4G Communication
10.	30.04.2020	01:30-03:30	Dr. Roushan KumarUPES, Dehradun	Fundamental ofautomotive Electronics
11.	01.05.2020	10:30-12:30	Dr. Ibrahim PatelBVRIT Narsapur	Speech Processing
12.	01.05.2020	01:30-03:30	Dr. B. Khaleelu ehman, Nalla Malla Reddy Engineering College	Xilinx IP cores &it's applications
13.	02.05.2020	10:30-12:30	Mr. Rajesh Pershd,JBIET	Effective Teaching
14.	02.05.2020	01:30-03:30	Mr. Rajkumar D hure, JBIET	Cellular concept in communication
			Dr. Anindya Jana,JBIET	NANO- RAM

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List of Participants

Sl. No	Name	Dept.	Institute	Email ID
1.	M Shiva Kumar	ECE	Anurag Group of Institutions	shivakumarece@cvsr.ac.in
2.	sharda yashwant salunkhe	E&TC department	SITCOE, Yadrav ,Ichalkaranji District: Kolhapur State: Maharashtra	shardasalunkhe@gmail.com
3.	V S N Kumar Devaraju	ECE	Mahatma Gandhi Institute of Technology, Hyderabad.	dvsnkumar_ece@mgit.ac.in
4.	Dr. L. Malliga,	ECE	Malla Reddy Engineering College for women, Maisammaguda	dr.malligalakshmanan18@gmail.com
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12	Mrs. Shital R. Ghorpade	E&TC department	SITCOE, Yadrav ,Ichalkaranji District: Kolhapur State: Maharashtra	shital_sokashe@yahoo.co.in
13	Shaik Imtiyaz Hussain	ECE	Santhiram Engineering College, AP	imtiyaz.ece@srecnandyal.edu.in
14	N. Senthilkumar	ECE	Vivekananda College Of Technology For Women, Tiruchencode. Tamilnadu.	senthilsuguna@gmail.com
15	Chetana Sangar	E & TE	Bharat college of engineering badlapur	csangar@bharatedu.co.in
16	Dr.B.Arunadevi	ECE	Dr.N.G.P Institute of Technology, Coimbatore, Tamilnadu	arunadevi@drngpit.ac.in

17	B Srinivasa Rao	ECE Department	ACE Engineering College Ghatkesar	bsr337@gmail.com
18	M. Gayathri Devi	ECE Department	Vivekanandha College Of Technology For Women, Tiruchengode.	gayathridevi.ece.cit@gmail.com
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20	Prathapagiri Dilip	ECM dept	JBLET	Dilip.ecm@jbiet.edu.in
21	G Udaykiran Bhargava	ECE	Mother Teresa Institute of Science & Technology, sathupally	bhargavvlsi@gmail.com
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26	Mrs.V.Prasanna Devi	ECE	Dr.N.G.P Institute of Technology,Coimbatore,Tamilnadu	prasannadevi@drngpit.ac.in
27	Dr. Pallavi Khare	ECE	Matusri Engineering College	Pallavi3386@gmail.com
28	Dr. V. Usha Shree	Principal	JBREC	Principal@jbrec.edu.in
29	Dr. K G Parthiban	Electrical Science	Adithya Institute of Technology	Parthiban.kg@adithyatech.com
30	Dr. V. Saidulu	ECE	MGIT	Saiduluvadtya@gmail.com
31	Dr. C.Venkataiah	ECE	RGM college of engineering and technology, Nandyal, Kurnool district	venki.challa@gmail.com
32	Kotla Venkata Siva Reddy	ECE	Ravindra College of Engineering for Women	kvenkatasivareddyec@recw.ac.in
33	Dharabasthu Bhani	ECM	JBLET	bhaniece@gmail.com
34	ECE Faculties of JBLET			

CERTIFICATE OF APPRECIATION



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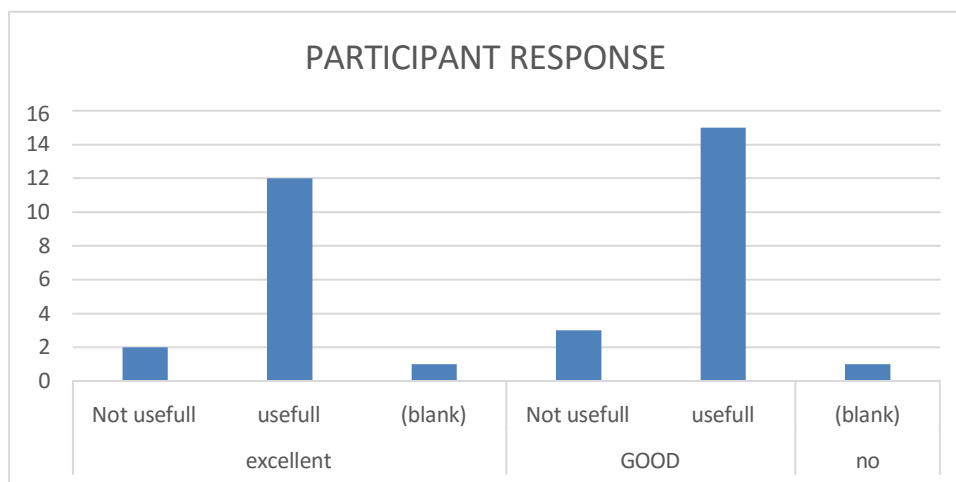
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FEEDBACK FORM:



Feedback Form

Name of the Participant: _____ Educational Qualification: _____
Affiliated Institute with Designation: _____ Teaching Experience: _____
Address: _____
Mobile No: _____ e-mail ID: _____

1. Whether any programme of this type was attended earlier by you? (Kindly tick mark) Yes _____ No _____
Give Details If Yes: _____
If Yes, whether this programme is better than the previous one
Yes _____ No _____
Give reason for your answer _____
2. Write down the benefits got by attending this programme?

3. Write down your experience of such type of interaction with experts from different institutes before this programme?

4. Does this programme have brought any change in your understanding of the subject, teaching skills and your attitude towards the teaching profession?

5. Have you found any innovative idea of making teaching-learning process more interesting from this programme? Explain.

6. Whether initiatives like this should be organized in the coming future or not? Give reason.

7. What amount of course fee should be charged for such programme?

8. Please give the brief detail of your experience?

9. Kindly give rating to the different aspects of FDP (Out of 10 marks)

Particular	Marks Given	Any Remarks
(a). Infrastructure	<hr/>	<hr/>
(b). Course Content	<hr/>	<hr/>
(c). Resource Persons	<hr/>	<hr/>
(d). Presentations	<hr/>	<hr/>
(e). Interactive Sessions	<hr/>	<hr/>
(f). Basic Facilities	<hr/>	<hr/>
(g). Overall	<hr/>	<hr/>

Signature of the Participant



Thankyou

Towheed-S
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