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## **Jawaharlal Nehru Technological University Hyderabad College of Engineering Jagtial**

Nachupally (Kondagattu), Jagtial Dist - 505 501, Telangana

**Dr. Dhiraj Sunehra**

Professor & Head, ECE  
Convener, Emblazon'18

No. JNTUHCE/Symp/Emblazon/18

Date: 28<sup>th</sup> February 2018

Dear Sir/Madam,

**Sub: JNTUHCEJ –ECE - Call for Participation - EMBLAZON'18 - A National Level  
Technical Symposium – Reg.**

JNTUH College of Engineering Jagtial, Nachupally (Kondagattu), Jagtial District (JNTUH CEJ) was established in the year 2007, as one of the Constituent colleges of JNTU Hyderabad with five different branches, viz. CSE, IT, ECE, EEE and ME, and has a team of experienced and dynamic Faculty and Staff.

I am glad to inform you that the ECE Department of JNTUH CEJ is organizing a National Level Technical Symposium (EMBLAZON'18) during March 21-22, 2018. Detailed information about the symposium is provided in the enclosed brochure.

Several undergraduate, postgraduate students and faculty from various Engineering Colleges are expected to participate in this event.

I would appreciate if you would kindly give wide publicity and encourage your students and faculty to actively participate in the aforesaid symposium. I sincerely believe that participation in this event would also immensely help them to enhance their technical skills and conceptual knowledge.

I look forward to your support and cooperation in making this national symposium a success.

Thanking you and best regards,

Sincerely,

Dr. Dhiraj Sunehra

**A**  
**National Level**  
**Technical Symposium**

# EMBLAZON'18

**March 21-22, 2018**

## Registration form

Please put tick ✓ on the event(s) to register

- Paper     Poster     Project  
 Workshop     Circuitrix     Tech Charades

1. Title of Paper / Poster / Project
2. Name
3. College / Institution
4. Course of Study / Branch
5. Address for Correspondence
6. Email:  
Mobile:
7. Registration Fee Details  
Amount                  DD No.  
Date                      Name of Bank
8. Accommodation required: Yes / No
9. Signature of Applicant
10. Recommendation of the Head of Dept./Institution

Date:

Place:

### Chief Patron

**Prof. A. Venugopal Reddy**  
Vice-Chancellor, JNTU Hyderabad

### Patrons

**Prof. A. Govardhan**  
Rector, JNTU Hyderabad

**Prof. N. Yadaiah**  
Registrar, JNTU Hyderabad

### Chairman

**Prof. N.V. Ramana**  
Principal, JNTUHCEJ  
Nachupally (Kondagattu), Jagtial Dist.

### Vice-Chairman

**Prof. S. Viswanadha Raju**  
Vice Principal, JNTUHCEJ

### Convener

**Dr. Dhiraj Sunehra**  
Professor & Head, Dept. of ECE

### Co-Convener

**Mrs. M. Tirupathamma**, Asst. Prof., ECE

### Student Coordinators

**Mr. D. Raghuram Reddy**  
B.Tech 3rd Year ECE (Cell: 9490948041)

**Ms. T. Srividya**  
B.Tech 3rd Year ECE (Cell: 8500893136)

### Organising Committee

**Mr. B. Prabhakar**, Assoc. Prof., ECE

**Mr. S. Praveen Kumar**, Asst. Prof., ECE

**Mrs. D. Naga Sudha**, Asst. Prof., ECE

**Dr. D. Ramesh**, HoD, CSE

**Dr. S. Suresh Kumar**, HoD, IT

**Mr. S. Jagadish Kumar**, HoD, EEE

**Dr. Suresh Arjula**, HoD, ME

**Dr. Y. Rajashekhar Reddy**, HoD, Mathematics

**Dr. Suresh Sripada**, HoD, Physics

**Dr. K. Vidya**, HoD, Chemistry

**Prof. N.S. Dileep**, Prof. of Physical Education

**Sri. A. Venkateswara Rao**, Deputy Registrar

**Sri. D.V.S. Satish**, Executive Engineer I/c.

**A**  
**National Level**  
**Technical Symposium**

# EMBLAZON'18

**March 21-22, 2018**



Organised by

**Department of**  
**Electronics & Communication Engineering**

**JNTUH College of Engineering Jagtial**

Nachupally (Kondagattu)

Jagtial Dist. - 505 501, Telangana

**College Website: [www.jntuhcej.ac.in](http://www.jntuhcej.ac.in)**

## About the College

JNTUH College of Engineering, Nachupally (Kondagattu), Jagtial Dist. (JNTUH CEJ) was established in the year 2007, as one of the Constituent colleges of JNTU Hyderabad with five different branches, viz. ECE, CSE, IT, EEE and ME. The College is committed to raise the intellectual tone of young students in understanding and incorporating the foundations of rapidly progressing changes in the fields of Science and Technology. The location of sprawling campus surrounded by lush green hills, temples and academic ambience upholds the traditional and cultural values among the students. JNTUH CEJ is located at Nachupally near Kondagattu which is about 22 km from Jagtial and about 38 km from Karimnagar.

## About the Department

The Department of Electronics and Communication Engineering has a team of experienced and dynamic faculty and staff. The Department offers B.Tech course in Electronics & Communication Engineering and M.Tech course in Digital Systems and Computer Electronics.

## About the Symposium

Keeping in view, the recent phenomenal advances in the field of Electronics and Communication Engineering and related application fields, it is proposed to conduct a National Level Technical Symposium EMBLAZON'18 during March 21-22, 2018. This Symposium aims at encouraging the participants to explore their technical skills and enhance their conceptual knowledge.

The technical program consists of various events including:

- ❖ Paper Presentation (Rostrum)
- ❖ Poster Presentation (Urdhva)
- ❖ Project Expo (Antharya)
- ❖ Circuitrix
- ❖ Tech Charades
- ❖ Gyan Dhrushya (Video exhibits in ECE domain)
- ❖ One Day Intensive Workshop on Emerging Trends and Applications of the Internet of Things (IoT).

## Scope and Topics

The areas to be covered in the symposium include, but not limited to:

- ❖ Electronic Devices, Circuits and Systems
- ❖ VLSI, Embedded systems and Nanotechnology
- ❖ Wireless, Satellite and Optical Communications
- ❖ Signal Processing (Speech, Image, etc.)
- ❖ Computer Networks, AI and Machine Learning
- ❖ Power Systems, Renewable Energy and Smart Grids
- ❖ MEMS and Robotics

## Abstract Submission

Authors are invited to send an electronic version of the abstract for paper / poster / project presentation typed in MS WORD in about 250 words on any topic related to the broad themes of the symposium, via email so as to reach us by 15th March 2018. Acceptance will be communicated to the corresponding author by 17th March 2018.

## One Day Intensive Workshop on Emerging Trends and Applications of the Internet of Things (IoT).

### Resource Person:

**Mr. Sourabh Joshi**, M.Tech (IIT Kharagpur)  
**EmbeddedRF Technologies, Hyderabad**

- ❖ Introduction to Raspberry Pi
- ❖ Python Language
- ❖ IoT Servers and Clouds
- ❖ IoT Protocols - MQTT
- ❖ Data Transfer between the Raspberry Pi and Cloud
- ❖ Applications on Firebase and Thingspeak

The One-Day Workshop will be held on March 22, 2018 from 10:00 AM to 5:00 PM. It is desirable that the Participants carry their own Laptop during the workshop. The workshop will be practically oriented and number of registrations is limited to 60. Interested students and faculty are required to register in advance by sending the duly filled registration form along with Registration Fee of Rs.450/- addressed to the Convener.

## Registration Fee

### Paper/Poster/ Project Expo

**Rs.200/- (Two Hundred only) per head**

### Circuitrix and Tech Charades

**Rs.100/- (One Hundred only) per head**

B.E./B.Tech, M.E./M.Tech Students in ECE, CSE, IT, EEE.

### One Day Intensive Workshop on Emerging Trends and Applications of the Internet of Things (IoT).

B.E./B.Tech, M.E./M.Tech Students in ECE, CSE, IT, EEE, and Faculty of Engineering College.

**Rs.450/- (Four Hundred Fifty only) per head**

Demand Draft should be drawn in favour of "**Convener, Emblazon, JNTUHCEJ**" payable at Jagtial.

## Important Dates

Deadline for Submission of Abstract	15th March 2018
Intimation of Acceptance	17th March 2018
Deadline for Submission of Registration Form	19th March 2018

## Venue

ECE DEPARTMENT (Academic Block-II)  
JNTUHCEJ, Nachupally (Kondagattu), Jagtial

## Time

10:00 AM to 5:00 PM

## Accommodation

Accommodation for participants will be provided in College hostel/guest house on nominal payment.

**Send the duly filled Registration form along with Registration fee to the following address:**

**Dr. Dhiraj Sunehra**  
**Convener, Emblazon'18**

**JNTUH College of Engineering Jagtial**

Nachupally (Kondagattu), Jagtial-505 501, Telangana  
Ph: 7893278314, 9848591887

E-mail: emblazonece2k18@gmail.com

**Brochure can be downloaded from College Website**

[www.jntuhcej.ac.in](http://www.jntuhcej.ac.in)