



## JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial Dist. 505501, Telangana State

### Department of Electronics & Communication Engineering

Academic Year : 2015-16

| Workshop / Seminar / Training Programme / FDPs Organised by Faculty |  |  |                             |          |
|---|--|--|-----------------------------|----------|
| S.No.   | Name of the Faculty  | Name of the Workshop/Seminar/ Training Programme   | Dates                       | Place    |
| 1   | ISF Coordinator:<br><b>Dr. Dhiraj Sunehra</b>                              | Technical Presentation Competition – “Traditio 2K16” organized under IETE Students Forum (ISF) | 10 <sup>th</sup> March 2016 | JNTUHCEJ |
| 2   | Convener:<br><b>Dr. Y. Raghavender Rao</b>                                 | A National Level Technical Symposium EMBLAZON'16 (Sankethic Utkarsh'16)                        | April 4-6, 2016             | JNTUHCEJ |
| 3   | Coordinators:<br><b>Smt. D. Naga Sudha</b><br><b>Sri. S. Praveen Kumar</b> | A National Level Workshop on Network Simulators  | 5 <sup>th</sup> April 2016  | JNTUHCEJ |

## Traditio 2K16 Brochure

### Steering Committee:

Dr. N.V. Ramana

Principal, JNTUHCEJ

Y. Raghavender Rao

Head, Dept. of ECE, JNTUHCEJ

Dr. Dhiraj Sunehra

Faculty Coordinator, ISF  
JNTUHCEJ

### Organizing Committee:

#### President:

Harshavardhan Yallamraju

#### General Secretary:

Mohammed Shoaib Mohiuddin

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#### Joint-Secretary:

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B. Tejomai

B. Mounika

M. Rohan E.

Phanindra

M. Akhila P.

Niharika

### For Further details

#### Please Contact

#### Coordinators:

V. Shiva Sooraj

Ph.8712240916

P. Charmila

Ph.9705281732

M. Naveen Kumar

Ph.9676904413

B. Maa Lakshmi Goud

Ph.9603189497

## JNTUH COLLEGE OF ENGINEERING JAGTIAL



## DEPARTMENT OF ECE IETE STUDENT FORUM



### PRESENTS

## TRADITIO 2K16

### Call for Abstracts for Technical Presentation

IETE Student Forum (ISF) at JNTUH CEJ is formed with twin objectives of counseling the students on new emerging opportunities, and to encourage and motivate students to organize and participate in various Workshops/Projects/Seminars etc.

As part of ISF activities, it is planned to organize a **Technical Presentation Competition (TRADITIO 2K16)** for Undergraduate Students of **Electronics and Communication Engineering (I-IV Year B.Tech.)** of JNTUH CEJ on Thursday, the **March 10, 2016**.

**TRADITIO 2K16** aims at providing the students an opportunity to showcase their technical and presentation skills.

#### Submission of Abstracts:

A One-Page neatly typed hardcopy of Abstract on any current and emerging topic in the field of ECE should be submitted along with contact number and email-id on or before **15<sup>th</sup> February 2016** to the Coordinators.

- Each Team should have two members of the same year.
- Selected Abstracts will be short listed for Oral PPT Presentation, based on the topic and clarity of the abstract.
- Certificates will be awarded for two best presentations, in each year of study.

#### Registration:

No Registration FEE.

#### Topics: (not limited to)

- |                                    |  |
|------------------------------------|--|
| ✓ Electronic Devices & Circuits    | ✓ Wireless Networks : Cognitive Radio, |
| ✓ Microelectronics & VLSI systems  | Ad-hoc & Sensor Networks               |
| ✓ Embedded Systems                 | ✓ Image, Video & Speech Processing     |
| ✓ Communication Theory, Antennas   | ✓ Multimedia Applications              |
| ✓ Mobile Communications            | ✓ Software Defined Radio, Smart Grids  |
| ✓ Satellite & Space Communications | ✓ Future Internet Applications &       |
| ✓ Optical Communications           | Services : E-Health, Social Networks   |

#### Important Deadlines:

- **Submission of Abstract**  
February 15, 2016
- **Notice of Acceptance**  
March 1, 2016

Venue and Date

MPMC LAB

Dept. of ECE, JNTUH CEJ  
10<sup>TH</sup> MAR. 2016 (THUS.)

## Traditio 2K16 Participants List



**JNTUH COLLEGE OF ENGINEERING JAGTIAL**

**IETE STUDENT FORUM**

***TRADITIO 2K16***

**(Technical Presentation Competition)**

**Date: 10<sup>th</sup> March 2016**

**Venue: MPMC Lab, Dept. of ECE**



**B.Tech I Year (ECE)**

**Time: 10:00AM to 11:45AM**

| S.No. | Title of Presentation                                     | Presenters                                  |
|-------|---|---|
| 1     | Communication Satellite                                   | K. Sushma<br>S. Soumya                      |
| 2     | Smart Dust  | V. Manisha<br>T. Srividya                   |
| 3     | Smart Antenna   | P. Niharika<br>M. Akhila                    |
| 4     | Solar Roadway   | O. Manasa<br>MD. Naziya Ashraf              |
| 5     | Optical Communication                                     | P. Gayatri<br>P. Ravali                     |
| 6     | Mimo Technology for Advanced Wireless Local Area Networks | D. Kalyani<br>T.Pratibha                    |
| 7     | Vowi-Fi   | P.Srividya<br>A.Shilpa                      |
| 8     | The Gossiping Pi  | Mohammad Shahebaz<br>Phanindra Edukulla     |
| 9     | Sensors   | D. Dheeraj Reddy<br>T. Harsha Vardhan Reddy |
| 10    | Bluetooth Technology                                      | Rohan Majumdar<br>M. Nikhil                 |
| 11    | Drone Technology  | K.V Ramakrishna<br>M. Upendar               |

## Traditio 2K16 Participants List



**JNTUH COLLEGE OF ENGINEERING JAGTIAL**

**IETE STUDENT FORUM**

***TRADITIO 2K16***

**(Technical Presentation Competition)**

**Date: 10<sup>th</sup> March 2016**

**Venue: MPMC Lab, Dept. of ECE**



**B.Tech II Year (ECE)**

**Time: 11:45AM to 03:30PM**

**(Lunch Break: 01:30PM to 2:30PM)**

| S.No. | Title of Presentation  | Presenters                                 |
|-------|--|--|
| 1     | Micro Electronic Pill  | B. Mounika<br>Ch. Ravali                   |
| 2     | Wireless Integrated Network Sensor   | Sofia Shireen<br>Privadharshini            |
| 3     | Future Of Telecommunication Technologies<br>(Wi-Fi Vs. Wi-Max Vs. Li-Fi Gi-Fi) | Samala Mrunalini<br>Gandla Sindhuri        |
| 4     | Pill Camera  | Badam Tejomai<br>Salla Soumya              |
| 5     | Gi-Fi Technology   | P. Sridevi<br>V. Nagaiyothi                |
| 6     | Advanced Finnet Technology   | A.Keerthana Sudha<br>K.Anjali              |
| 7     | Global Positioning System  | K.Sindhuja<br>S. Vaishnavi                 |
| 8     | Eball Technology   | K. Srividya<br>B.Anupriya                  |
| 9     | Hawkeye Technology   | B. Aparna<br>K. Swathi                     |
| 10    | Radar Communication  | Peesa Bala Krishna<br>Vaddisetti Manikanta |
| 11    | Under Water Wireless Communications  | Mettu Harish Kumar<br>Nune Raniith Kumar   |
| 12    | Paper Battery  | Gadde Pavan Sai<br>Bhukva Naresh           |
| 13    | Camera Resolution And Its Applications   | M. Shiva Rama Krishna<br>M. Sai Krishna    |
| 14    | Mobile Communications  | S. Shravan Kumar<br>T. Vamshi Krishna      |
| 15    | Sixth Sense Technology - Future Revolution                                     | M. Rakesh Goud<br>G. Abhilash              |
| 16    | Indian Space Communications  | V. Sharath<br>G. Arun Kumar                |
| 17    | Lifi-A New Era Of Communication  | G. Arun<br>P. Bharath Chandra              |
| 18    | Technology of Over Clouds Cell Sites   | G. Sai Prasanna<br>J.V. Harsha Vardhan     |
| 19    | Wireless Communication   | R. Vinaykrishna<br>T. Sniyedha             |
| 20    | Advancement In Telecommunication (4g/5g)<br>Technology                         | T. Vinaysagar<br>M. Yadagiri               |

## Traditio 2K16 Participants List



**JNTUH COLLEGE OF ENGINEERING JAGTIAL**

**IETE STUDENT FORUM**

***TRADITIO 2K16***

**(Technical Presentation Competition)**

**Date: 10<sup>th</sup> March 2016**

**Venue: MPMC Lab, Dept. of ECE**



**B.Tech III Year (ECE)**

**Time: 03:30PM to 05:00PM**

| S.No. | Title of Presentation  | Presenters                             |
|-------|--|--|
| 1     | Nano Technology for Wireless Communication                     | Tanuku Divya<br>B. Maalakshmi Goud     |
| 2     | Network Science for Military Coalition Operations              | G. Asha Kiran<br>Talla Divya           |
| 3     | Wireless Communication   | M. Vasavi<br>S. Pallavi                |
| 4     | Video Compression  | B. Ramya<br>C. Shruthi                 |
| 5     | Under Water Wireless Communication Networks                    | Sravani Kurma<br>Anusha                |
| 6     | Transient Electronics  | Allala Manideep<br>Chilukuri Raju      |
| 7     | LED in Smart lighting  | M.Naveen Kumar<br>P.V. Karthik         |
| 8     | VR Technology - Google Cardboard                               | Mohd.Adil Saleem<br>K.L.Thrinath Kumar |
| 9     | The Use of Artificial Intelligence in Autonomous Mobile Robots | S.ShivaNikhil<br>B. Rakesh             |
| 10    | Artificial Eye   | J.Vamshi<br>P.Srikanth                 |

## Traditio 2K16 Participants List



**JNTUH COLLEGE OF ENGINEERING JAGTIAL**  
**IETE STUDENT FORUM**  
***TRADITIO 2K16***



(Technical Presentation Competition)

Date: 10<sup>th</sup> March 2016

Venue: MPMC Lab, Dept. of ECE

**B.Tech IV Year (ECE)**

**Time: 05:00PM to 06:00PM**

| S.No. | Title of Presentation                             | Presenters                         |
|-------|---|------------------------------------|
| 1     | 5G Wireless Technology                            | Shaika Neha Raza<br>Bitla Madhavan |
| 2     | LiDAR   | Y. HarshaVardhan<br>S. Supriya     |
| 3     | Nanosatellite Communication System Trends         | S. Srividhya<br>S. Akhila          |
| 4     | Single Electron Transistor                        | K. Jathin<br>A.Harish              |
| 5     | Spintronics                                       | V. Deepthi<br>N. Prashanth         |
| 6     | Wireless Telemetry for Electronic Pill Technology | B. Snigdha<br>K. Nikitha           |



## Traditio 2K16 Sample Certificate



### JNTUH COLLEGE OF ENGINEERING

Nachupally (Kondagattu), Karimnagar Dist.-505 501, Telangana

### IETE STUDENTS FORUM



### *CERTIFICATE OF APPRECIATION*

*This is to certify that Mr./Ms. \_\_\_\_\_*

*\_\_\_\_\_ has won the \_\_\_\_\_ Prize in the Technical  
Presentation Competition - TRADITIO 2K16 organised by the IETE Students Forum (ISF)  
of JNTUH College of Engineering, Jagtial, Karimnagar Dist. held on March 10, 2016.*

*Title of Presentation: \_\_\_\_\_*

**Dr. Dhiraj Sunehra**  
Associate Professor of ECE  
Faculty Coordinator, ISF

**Dr. N.V. Ramana**  
Professor of EEE &  
PRINCIPAL

# Sankethic Utkarsh 2016 Poster



## JNTU COLLEGE OF ENGINEERING JAGTIAL

Nachupally(Kondagattu), KARIMNAGAR, T.S-505501





**SAANKETHIC UTKARSH 16**  
A whole New Level Of Reality...

**April 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>**

**Chairman :**  
Dr. N.V. Ramana  
Principal, JNTUJCEJ

**Co-Chairman :**  
Dr. N.V.S. Raju  
Vice Principal, JNTUJCEJ

**Common Events**  
Paper Presentation  
Poster Presentation  
Project Expo  
Treasure Hunt  
Short Film Contest

**Our Main Sponsors**





**M/S. SRI SAI RAM AGENCIES**  
(KARIMNAGAR)

**CSE**

Code Conclave  
(Coding & Debugging)

SherLock (Reverse Engineering)

Just Google

Mission Impossible

App Funda

Click It

ConQuery (QueryMe)

Pranav-917700355  
Mounika-8374898924

**ECE**

Circuitrix

Tech Quiz

Extravaganza

Jammy Victor

Coding & Debugging

Fun Zone

Dark Perception

Tasveer Se Banao Tag

Surinder-8338969002  
Aparna-9849679390

**IT**

I Think Pro-edit

Blind Code

Sketch It

Encrypt Your Mind

MINUTE maid

Write it

OOPS

Doodle Design

Assembling & Disassembling

Charan Teja-8538006937  
Praneetha-8790175194

**ME**

Robo Games

Contraction

Art Gallery

Aptitude Quiz

Filmy Quiz

Scary House HAPTIC-ARM

Medhaas

Karthik-760001053  
Thejaswini-8106728861

**EEE**

Techtainment

Circuit Detective

Paper Presentation

Project Expo

Tech Quiz

Politrix

Vishwas-870882431  
Manisha-9440529676

**NS**

NETWORK SIMULATION

**CULTURAL NIGHTS ON**

4<sup>th</sup>, 5<sup>th</sup>

**Android App Development**

**Utkarsh Magazine**

**ANDROID-ROBOTICS**

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Register Now! @ saankethicutkarsh2k16.com



# A NATIONAL LEVEL STUDENT TECHNICAL SYMPOSIUM (SAANKETHIC UTKARSH – 2016)

(April 4-6, 2016)

- Coordinator : Mr. Y. Raghavender Rao, Assoc. Prof & Head of ECE  
Mr. S. Praveen Kumar, Asst. Prof. of ECE.  
Mrs. D. Naga Sudha, Asst. Prof. of ECE.
- Number of participants: 79 Students from all over the states of Telangana and Andhra Pradesh.
- Events in the Saankethic Utkarsh 2016:
  - Network Simulator (NS - 2) Workshop
  - Paper presentation
  - Poster presentation
  - Project Demonstration
  - Technical Events
  - Circuitrix
  - Coding and debugging
  - Tech Quiz
  - Extravaganza
  - Jammy Victor
  - FUN Zone
  - Dark Perception
  - Tasveer Se Banao Tag
  - Cultural Events





**Inaugural Function of Saankethic Utkarsh 2016**



NS-2 Workshop organised by ECE Department during Saankethic Utkarsh 2016

Sample Certificate : Saankethic Utkarsh 2K16

**JNTUH COLLEGE OF ENGINEERING**  
Nachupally(Kondagattu), Karimnagar DIST-505501

**SAANKETHIC UTKARSH 2K16**  
A NATIONAL LEVEL TECHNICAL SYMPOSIUM

**CERTIFICATE**

This is to certify that Mr./Ms \_\_\_\_\_  
of college/Institution \_\_\_\_\_ has attended a  
national level workshop on **NETWORK SIMULATORS** conducted by  
department of Electronics and Communication Engineering on 5<sup>th</sup> April 2016.

|  |   |   |  |
|--|---|---|--|
| <p>Ms. D.Naga Sudha<br/>Co-ordinator<br/>Asst. Prof. ECE</p> | <p>Mr. S.Praveen Kumar<br/>Co-ordinator<br/>Asst. Prof. ECE</p> | <p>Mr. Y.Raghavender Rao<br/>Convener<br/>Assoc. Prof.,Head ECE</p> | <p>Dr. N.V.Ramana<br/>Chairman<br/>Principal</p> |
|--|---|---|--|