Academic Year : 2016-17

S.No.	Name of the Faculty	Name of the Workshop/Seminar/ Training Programme	Dates	Place
Workshop / Seminar / Training Programme / FDPs Organised by Faculty			
1	Course Coordinator: **Dr. Dhiraj Sunehra** Staff Coordinator: **Mrs. M. Tirupathamma**	One Day Workshop on Digital Image Processing & Its Applications	20th January 2017	JNTUHCEJ
2	Convener: **Dr. Dhiraj Sunehra** Co-Conveners: **Mr. S. Praveen Kumar** **Mrs. M. Tirupathamma**	A National Level Student Technical Symposium (EMBLAZON-17)	April 3-4, 2017	JNTUHCEJ
3	Course Coordinator: **Dr. Dhiraj Sunehra**	One Day Hands-On Workshop on Raspberry Pi, Arduino Microcontroller Boards, Programming & Applications	April 4, 2017	JNTUHCEJ

Workshop Brochure

JNTUH COLLEGE OF ENGINEERING JAGTIAL

NACHUPALLY (KONDAGATTU), JAGTIAL DIST. – 505 501, TELANGANA

Department of ECE

A ONE DAY STUDENTS WORKSHOP ON

IMAGE PROCESSING AND ITS APPLICATIONS

By - Dr. A. VENKATA RAMANA , I.E.S.

Ph.D., M.E. (ECE), MISTE, MISCA

Ex, Jr. Telecom Officer

20th January 2017

About the Workshop: Image processing is a growing research field where many revolutionary ideas and efficient algorithms have been developed over the past few decades. The objective of this workshop is to introduce the participants to the world of Digital Image Processing and give an insight on how and where it can be used. This workshop will focus on fundamentals of Image Processing and image analysis applications such as Face recognition, Image Water marking, Pattern recognition, Gait recognition using Hahn velocity moments, Robot vision, Security algorithms, etc.

About the Speaker: Dr. A. Venkata Ramana did his B.E., M.E. and Ph.D. in ECE from Osmania University, Hyderabad. He pursued doctoral work in the area of Image Processing. He has proposed faster algorithms for computation of various transforms and has various publications in IEEE and other reputed journals. He has received the prestigious national award "**Bharat Shiksha Ratan Award**" and "**Rashtra Ratna Award**" from Governor of Tamilnadu and Assam for the contributions made towards educational growth. He also received Dr. Sarvepalli Radha Krishna national award. Presently he is guiding six Ph.D. scholars. He is a Life Member of ISTE, Member of Indian Science Congress Association, Member of Global Society for Health and Educational Growth.

Registration Fee: Rs.100/- per participant.

The Workshop is being organised for undergraduate and postgraduate students in Engineering in the branch of ECE and CSE.

Venue: Seminar Hall, Academic Block – I, JNTUH CEJ

Student Coordinators: Mr. R.Vinay Krishna – 9440092342, Mr. M. Rakesh – 9492241898

Ms. G. Sindhuri – 9492313235, Ms. K. Swathi – 9700981647 (III ECE)

Faculty Coordinators: Smt. M. Tirupathamma, Asst. Prof., Dept. of ECE

Dr. Dhiraj Sunehra, Assoc. Prof. & Head, Dept. of ECE

Inaugural Function

JNTUH COLLEGE OF ENGINEERING JAGTIAL
Nachupally (Kondagattu), Jagtial Dist., Telangana

Department of
Electronics & Communication Engineering

Cordially invites you to the
Inaugural Function of
A One Day Students Workshop
on
Image Processing and its Applications

at 1000 Hrs on Friday, the 20th January, 2017
at Seminar Hall, Academic Block-II, JNTUH CEJ

Dr. S. Viswanadha Raju
Professor of CSE & Vice Principal, JNTUH CEJ
has graciously consented to be the Chief Guest

Dr. A. Venkata Ramana
IES Officer
Department of Telecommunications, Govt. of India
has graciously consented to be the Guest of Honor

Dr. Dhiraj Sunehra
Head, ECE, JNTUH CEJ & Faculty Coordinator
will preside over the function

Mr. R. Vinay Krishna,
Mr.M.Rakesh, Ms.G.Sindhuri, Ms.K.Swathi (B.Tech III ECE)
Student Coordinators

PROGRAMME

10:00 AM	*Welcome* *(Mr. R. Vinay Krishna, Ms. G. Sindhuri & Ms.K.Swathi)*
10:10 AM	*Prayer* *(Ms. U. Tejaswini)*
10:12 AM	*Faculty Coordinator's Report :* *Mrs. M. Tirupathamma* *Asst. Prof. of ECE*
10:15 AM	*Address by the Guest of Honor:* *Dr. A. Venkata Ramana* *IES Officer, Dept. of Telecommunications*
10:20 AM	*Address by the Chief Guest:* *Dr. S. Viswanadha Raju* *Professor of CSE & Vice Principal*
10:25 AM	*Presidential Remarks:* *Dr. Dhiraj Sunehra* *Head of ECE Dept. & Faculty Coordinator*
10:30 AM	*Vote of Thanks* *(Mr. M.Srinivas)*

JNTUH COLLEGE OF ENGINEERING JAGTIAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A One-Day Students Workshop on

"Digital Image Processing and Its Applications"

January 20, 2017

The Department of Electronics and Communication Engineering (ECE) at Jawaharlal Nehru Technological University Hyderabad College of Engineering Jagtial (JNTUHCEJ), Nachupally, Jagtial Dist., has organised a One-Day Students Workshop on "Digital Image Processing and Its Applications" on 20 January, 2017.

The Workshop has been coordinated by Dr. Dhiraj Sunehra, Associate Professor of ECE, JNTUHCEJ and Smt. M. Tirupathamma, Assistant Professor of ECE, JNTUHCEJ intended primarily for the Students of Engineering Colleges.

Image processing is a growing research field where many revolutionary ideas and efficient algorithms have been developed over the past few decades. The objective of this workshop is to introduce the participants to the world of Digital Image Processing and give an insight on how and where it can be used. This workshop will focus on fundamentals of Image Processing and image analysis applications such as Face recognition, Image Water marking, Pattern recognition, Gait recognition using Hahn velocity moments, Robot vision, Security algorithms, etc.

A total of 184 Students from all over the state of Telangana have participated in the Workshop.

Speaker : Dr. A. Venkata Ramana did his B.E., M.E. and Ph.D. in ECE from Osmania University, Hyderabad. He pursued doctoral work in the area of Image Processing. He has proposed faster algorithms for computation of various transforms and has various publications in IEEE and other reputed journals. He has received the prestigious national award "**Bharat Shiksha Ratan Award**" and "**Rashtra Ratna Award**" from Governor of Tamilnadu and Assam for the contributions made towards educational growth. He also received Dr. Sarvepalli Radha Krishna national award. Presently he is guiding six Ph.D. scholars. He is a Life Member of ISTE, Member of Indian Science Congress Association, Member of Global Society for Health and Educational Growth.

The inaugural function of this One Day Workshop was held on Jan. 20, 2017. Dr. S. Viswanadha Raju , Vice Principal & Professor of CSE, JNTUHCEJ, Jagtial was the Chief Guest and Dr. A. Venkata Ramana, IES Officer, Dept. of Technical Education, Hyderabad, Telangana was the Guest of Honor. The Chief Guest highlighted the significance of this particular subject which is a course for all the undergraduate students in ECE, CSE, & IT. He also spoke about the technological developments in the area of Digital Image Processing.

The Guest of Honor focused on the Basics and applications in the field of image processing. Dr. Dhiraj Sunehra in his report welcomed the guests and participants. He informed that this course has received an overwhelming response and thanked the Principal for giving permission to conduct the course. Mrs. M. Tirupathamma spoke about various applications of image processing.

DIP Workshop Photos

Inaugural Function (January 20, 2017), 11:00 AM

Sitting (L to R): Dr. Dhiraj Sunehra (Head, ECE Dept. and Faculty Coordinator), Dr.S.Viswanadha Raju (Chief Guest & Vice Principal of JNTUHCEJ), Dr. A. Venkata Ramana (Guest of Honor and Resource Person).

Mrs. M. Tirupathamma, Faculty Coordinator addressing the audience

Dr. A. Venkata Ramana, Resource Person delivering the Workshop

Participants

DIP Workshop Certificate

JNTUH COLLEGE OF ENGINEERING JAGTIAL

Nachupally (Kondagattu), Jagtial, Telangana State – 505501

A ONE DAY STUDENTS WORKSHOP ON
IMAGE PROCESSING AND ITS APPLICATIONS

Participation Certificate

This is to Certify that Mr./Ms. _____ has

participated in the One Day Students Workshop on "IMAGE PROCESSING AND ITS

APPLICATIONS" organised by the Department of ECE at JNTUH College of Engineering

Jagtial on 20th January, 2017.

Smt. M.TIRUPATHAMMA	**Dr. DHIRAJ SUNEHRA**	**Dr. N.V. RAMANA**
Faculty Coordinator	HOD, ECE & Faculty Coordinator	PRINCIPAL

Phone: +91-7893278314
Email: emblazon2k17ece@gmail.com
Website: www.jntuhcej.ac.in

Jawaharlal Nehru Technological University Hyderabad
College of Engineering Jagtial

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

Prof. N.V. Ramana
Professor of EEE &
PRINCIPAL

No. JNTUHCE/Symp/Emblazon/17   Date: 9th March 2017

Dear Sir / Madam,

Sub: Call for Participation-EMBLAZON'17- A National Level Student Technical Symposium

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 **Two-day National Level Student Technical Symposium (EMBLAZON'17)** during **April 3-4, 2017.** Detailed information about the symposium is provided in the enclosed brochure. Several undergraduate, postgraduate students and research scholars 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 research scholars to actively participate in the aforesaid symposium. I sincerely believe that participation in this event would also immensely help them for interaction with other students and scholars from academia and industry.

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

Thanking you and best regards,

Sincerely,

Prof. N.V. Ramana

Emblazon'17 Brochure

A National Level Student Technical Symposium

EMBLAZON'17

April 3-4, 2017

Registration form

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

☐ Paper ☐ Poster ☐ Project
☐ Workshop ☐ Technical Quiz

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. N.V. Ramana Rao
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
Assoc. Prof. & HoD, ECE

Co-Conveners
Mrs. D. Naga Sudha, Asst. Prof., ECE
Mr. S. Praveen Kumar, Asst. Prof., ECE

Student Coordinators
Mr. M. Rakesh
B.Tech 3rd Year ECE (Cell: 9492241898)
Ms. S. Mrunalini
B.Tech 3rd Year ECE (Cell: 9441638917)

Organising Committee
Dr. Y. Raghavender Rao, Assoc. Prof., ECE
Mrs. M. Tirupathamma, 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, Maths
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 Student Technical Symposium

EMBLAZON'17

April 3-4, 2017

Organised by

Department of Electronics & Communication Engineering

JNTUH College of Engineering Jagtial
Nachupally (Kondagattu)
Jagtial Dist. – 505 501, Telangana

Website: 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, it is proposed to conduct a two-day National Level Student Technical Symposium EMBLAZON'17 during April 3-4, 2017. This Symposium aims at bringing together students and research scholars to present and exchange ideas about the present and future developments in the area of Electronics & Communication and related application fields.

The technical program consists of various events including:

❖ Paper Presentation (Rostrum)
❖ Poster Presentation (Dhrushya)
❖ Project Expo (Aavishkar)
❖ Technical Quiz (Organised by IETE Students Forum, JNTUH CEJ)
❖ One Day Hands-on Workshop on Overview of Raspberry Pi, Arduino Microcontroller Boards, Programming & Applications

Scope and Topics

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

❖ Electronic Devices, Circuits and Systems
❖ Microcontrollers and Embedded systems
❖ Signal Processing (Speech, Image, etc.)
❖ Wireless, Satellite and Optical Communications
❖ VLSI and Nanotechnology
❖ Computers and Networking, Internet of Things
❖ Antennas & Propagation, MEMS and Mechatronics

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 27th March 2017. Acceptance will be communicated to the corresponding author by 29th March 2017.

Hands-on Workshop : Overview of Raspberry Pi, Arduino Microcontroller boards, Programming and Applications

Resource Person:
Mr. Sourabh Joshi, M.Tech (IIT Kharagpur)
EmbeddedRF Technologies, Hyderabad

❖ Introduction to Raspberry Pi and Arduino Microcontrollers
❖ Linux Commands
❖ Python Language and Serial Communication
❖ Applications : Web based Home Automation; Vehicle Tracking with Location Display on Google Maps
❖ Internet of Things : Exposure on Thingspeak Server

The Workshop will be held on April 4, 2017 from 9:30 AM to 5:00 PM. It is desirable that the Participants carry their own Laptop for Hands-on session in the workshop. The workshop will be practically oriented and number of registrations is limited to 50. Interested students are required to register in advance by sending the duly filled registration form along with Registration Fee of Rs.450/- addressed to the Convener.

Technical Quiz

Each team registered for Technical Quiz should have three students preferably one each from B.Tech 2nd, 3rd and 4th Year of ECE / ETM branch.

Registration Fee : Paper/Poster/ Project Presentation/Technical Quiz
Rs.200/-(Two Hundred only) per head
(B.E./B.Tech, M.E./M.Tech, Research scholars)

Registration Fee: One Day Hands on Workshop on Raspberry Pi & Arduino
Rs.450/-(Four Hundred Fifty only) per head

Demand Draft should be drawn in favour of **"Convener, Emblazon, JNTUHCEJ"** drawn at any of the State Bank group (SBI / SBH) payable at State Bank of Hyderabad, JNTUC Nachupally branch (Code:21315).

Important Dates

Deadline for Submission of Abstract	27th March 2017
Intimation of Acceptance	29th March 2017
Deadline for Submission of Registration Form	1st April 2017

Venue

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

Time

9:30 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'17
JNTUH College of Engineering Jagtial
Nachupally (Kondagattu), Jagtial-505 501, Telangana
Ph: 7893278314, 9848591887
E-mail: emblazon2k17ece@gmail.com

JNTUH COLLEGE OF ENGINEERING JAGTIAL

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A NATIONAL LEVEL STUDENT TECHNICAL SYMPOSIUM
(EMBLAZON – 2017)

(APRIL 3-4, 2017)

- Convener : Dr. Dhiraj Sunehra, Prof. & Head, Dept. of ECE
- Co-Convener : Mrs. D. Naga Sudha, Asst. Prof. of ECE.
  Mr. S. Praveen Kumar, Asst. Prof. of ECE.
- Number of participants: A total of 215 Students and Faculty from various Engineering Colleges in Telangana.
- Chief Guest : Prof. S. Viswanadha Raju, Professor of CSE & Vice Principal, JNTUH CEJ.

- **Events conducted as part of Emblazon 2017:**

  - Paper Presentation
  - Poster presentation
  - Project Expo
  - Technical Quiz
  - Hands-on Raspberry Pi Workshop
  - Circuitrix
  - Linked In
  - Dark Perception
  - Laser Light
  - Fun Zone
  - Student of the Year
  - Cultural Event

Photos of Inaugural Function

Welcome by the Student Coordinators
Mr. M. Rakesh and Ms. S. Mrunalini

Welcoming Convener Dr. Dhiraj Sunehra
onto the Dais by Technical Student
Coordinator Ms. Ch. Sripriya

Lighting of Lamp

Chief Guest, Faculty and Participants Stand up for the Prayer Song

Felicitation of Chief Guest Prof. S. Viswanadha Raju by Convener, Dr. Dhiraj Sunehra and Co-Conveners, Mrs. D. Naga Sudha and Mr. S. Praveen Kumar.

Students of JNTUH CEJ explaining their Projects in Exemplitia (Junior Expo)

Students of MLRITM, Hyd. Participating in Paper Presentation

Students participating in Project Presentation

Students participating in Poster Presentation

Students of Various Engg. Colleges Participating in Technical Quiz organised by IETE Students Forum

One Day Hands-on Workshop on Raspberry Pi, Arduino Microcontroller Boards, Programming & Applications (April 4, 2017)

Vice Principal Prof. S. Viswanadha Raju addressing the Participants of Workshop

Hands-on Raspberry Pi Workshop Participants seated in Simulation Lab of ECE Dept. during the Workshop

Resource Person Mr. Sourabh Joshi delivering lecture in the workshop

**Felicitation of Resource Persons of Workshop by Co-Conveners Mrs. D. Naga Sudha
and Mr. S. Praveen Kumar**

Sample Certificates

JNTUH COLLEGE OF ENGINEERING JAGTIAL

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

PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms._____

_____

has participated in **"Paper Presentation"** conducted as part of **EMBLAZON'17 - A National Level Student Technical Symposium** organised by the Department of Electronics & Communication Engineering, JNTUH College of Engineering, Jagtial during April 3-4, 2017.

Title of Presentation: _____

Dr. DHIRAJ SUNEHRA
Assoc. Prof. & Head, ECE
Convener, Emblazon'17

Dr. N.V. RAMANA
Prof. of EEE & Principal
Chairman, Emblazon'17

JNTUH COLLEGE OF ENGINEERING JAGTIAL

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

CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms._____

_____

has won the _____ prize in **"Paper Presentation"** conducted as part of **EMBLAZON'17 - A National Level Student Technical Symposium** organised by the Department of Electronics & Communication Engineering, JNTUH College of Engineering, Jagtial during April 3-4, 2017.

Title of Presentation: _____

Dr. DHIRAJ SUNEHRA
Assoc. Prof. & Head, ECE
Convener, Emblazon'17

Dr. N.V. RAMANA
Prof. of EEE & Principal
Chairman, Emblazon'17

Sample Certificate of Hands-on Workshop on "Overview of Raspberry Pi, Arduino Microcontroller Boards, Programming and Applications"

JNTUH COLLEGE OF ENGINEERING JAGTIAL

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

PARTICIPATION CERTIFICATE

This is to certify that Mr./Ms._____

_____

has participated in the **Hands-on Workshop on "Overview of Rapsberry Pi, Arduino Microcontroller Boards, Programming and Applications"** conducted on April 4, 2017 as part of **EMBLAZON'17 - A National Level Student Technical Symposium** organised by the Department of Electronics & Communication Engineering, JNTUH College of Engineering, Jagtial during April 3-4, 2017.

Dr. DHIRAJ SUNEHRA
Assoc. Prof. & Head, ECE
Convener, Emblazon'17

Dr. N.V. RAMANA
Prof. of EEE & Principal
Chairman, Emblazon'17