## ANNOUNCEMENT

A TEQIP-III sponsored

### One Week Faculty Development Programme

### On

## Multimedia Processing and Technical Writing (MPTW-2018)

*"A view through eyes of faculties"*

**Date: 10th September, 2018 – 14th September, 2018**



### Organized by

**Department of Computer Science & Engineering
Lok Nayak Jai Prakash Institute of Technology Chapra
Chapra-841302, Bihar, India**

### ABOUT THE INSTITUTE

Lok Nayak Jai Prakash Institute of Technology (LNJPIT), Chapra, Bihar is one of the emerging government engineering colleges in Bihar. It is committed to achieve quality and excellence in academic pursuits. It is established in year 2012, as a state Engineering College by Government of Bihar. Lok Nayak Jai Prakash Institute of Technology (LNJPIT) spread over 40 acres of land. It is the 7th government Engineering Colleges in Bihar. The plan is to make it a state of the art technology center and research hub.

The Institute now offers B.Tech. in four streams of engineering viz. Civil, Mechanical, Electrical & Electronics, and Computer science and Engineering.

It is a lead Institution under World Bank funded GOI Project on Technical Education Quality Improvement Programme (TEQIP)-III.

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science & Engineering was established in the year 2012 and is now recognized as one of the leading departments with infrastructure and facilities. The department remains committed towards its mission, which is twofold. One is to provide students with the fundamental knowledge and problem-solving skills in Computer Science required for a fulfilling career. The other goal is to create and disseminate knowledge to improve Computer Science research, education and practice. The Department offers a Bachelor of Technology in Computer Science & Engineering.

### CHAPRA

The city of Chapra is among the largest cities of Bihar. Chapra is a city and headquarters of the Saran district in the Indian state of Bihar. Saran is the birth place of first president of India Dr. Rajendra Prasad, Lok Nayak Jai Prakash Narayan and many more freedom fighters. There is a well known Shakti peeth temple in Chapra named as Ambika Bhavani. Chapra is situated near the junction of the Ghaghara River and the Ganga River. The city has major rail and road connections with the rest of India. LNJPIT, Chapra is one of the premier institutes of the city offering Quality Technical Education.

### COMMITTEE

#### ORGANIZING COMMITTEE

**Patron**
Dr. Anil Kumar Singh, *Principal, L.N.J.P.I.T Chapra*

**Course Coordinator**
Shambhu Shankar Bharti, Head, Department of Computer Science and Engineering

**Course Co - coordinators**
- Sudhir Kumar Pandey, Department of C.S.E., L.N.J.P.I.T, Chapra
- Suryakant Singh, Department of C.S.E., L.N.J.P.I.T, Chapra

#### ADVISORY COMMITTEE
- Dr. Anil Kumar Singh, *Principal, L.N.J.P.I.T Chapra*
- Prof. Suneeta Agarwal, Department of C.S.E., M.N.N.I.T Allahabad
- Prof. D.S. Kushwaha, Department of C.S.E., M.N.N.I.T Allahabad
- Dr. Jimson Mathew, Department of C.S.E, IIT Patna
- Dr. G. Pradhan, Department of E.C.E., NIT Patna
- Dr. Chintan Mandal , Department of C.S.E, Jadavpur University
- Dr. Shivendra Shivani, Department of C.S.E, Thapar University

### ADDRESS FOR COMMUNICATION

Interested faculty members send their filled registration form either by post or just Email the scanned copy of filled registration form, along with the college ID card to the course coordinator on or before 8th September, 2018 at the following address/Email.

**Shambhu Shankar Bharti,**
**Head, Department of Computer Science and Engineering,**
**LNJPIT Chapra, Bihar- 841302**
**E-mail:** mpallnjpit@gmail.com
For any further information / assistance you may contact to the course coordinator/ course co-coordinators.
Shambhu Shankar Bharti- 7004394850
Surya Kant Singh- 9557692666
Sudhir Kumar Pandey - 7007938701
*Note*: *Please write the name of the course* (MPTW-2018) *on top of the envelope.*

## ABOUT THE FDP

This Faculty development Program focuses to aware the faculty members about the recent research trends in various dimensions of multimedia processing (image, audio, and video). Another goal of this FDP is to enhance the technical writing skills of the faculty members through LaTeX. This FDP also contains several hands on sessions on LaTeX and MATLAB.

## COURSE DETAILS

The major contents of the course will cover the following.
- Introduction to image processing toolbox in MATLAB by implementing various basic algorithms.
- Introduction to digital image watermarking with practical approaches.
- Introduction to visual cryptography and steganography for images with practical approaches.
- Application of all image-based security approaches to secure other multimedia objects like Audio, Video, 3D models etc.
- Secret Sharing Schemes.
- Technical writing skills for writing research paper.
- Documentation/thesis writing, making presentations through beamer, basics for preparing a template in LaTeX.

**Course Duration:** 1 Week (10th September, 2018 – 14th September, 2018)
**Last Date for Receipt of Application Form: 8th September, 2018**
**Resource Persons:** The resource persons for the program shall include experts from academic/research organizations and industry, and faculties from MNNIT Allahabad, NIT Patna and other engineering colleges of repute.

## WHO SHOULD ATTEND

This is a faculty development program that can be attended by faculties from any institute.

## REGISTRATION

- To register for this course, the applicants are required to E-mail the filled Registration form along with the college identity card.
- No Registration Fee.

\* Lodging and Fooding facilities will be provided to all the participants.

### REGISTRATION FORM
One Week Faculty Development Programme
On
**Multimedia Processing and Technical Writing (MPTW-2018)**

*"A view through eyes of faculties"*

**Date:** 10th September, 2018 –14th September, 2018
**Name (in Block Letters)** _____
_____

**Date of Birth:** _____ **Sex:** Male/Female

**Highest Qualification:** _____

**Organization:** _____

**Designation** : _____

**Experience:** _____ Years ____Months

**Correspondence Address:**

_____
_____City:_____

**Pincode**: _____

**Contact No:** _____

**E-mail:** _____

**(Signature of Applicant)**