ABOUT THE INSTITUTE

National Institute of Technology Tiruchirappalli is a deemed university under the control of Ministry of Human Resource Development, Government of India. It is located about 22 kms from Tiruchirappalli on the Thanjavur National Highway. The institution offers Under Graduate Courses in ten branches and Post Graduate Courses in twenty three disciplines of Science, Engineering & Technology besides Ph.D in all the Departments.

ABOUT THE DEPARTMENT

Computer Applications Department was established in the year 2004.It strives towards excellence in the field of Computer Science and Applications. The vision of the Department is to establish Computer Science & Applications center of excellence for learning and research. The department offers two Post Graduate programmes namely, Master of Computer Applications (MCA) and M.Sc in Computer Science. The department also offers Research programme in the area of Mobile and Pervasive computing, Image and Video Processing, Data mining and Web semantics. The highly experienced faculty of the department play a vital role in Academic research.

ABOUT IP LAB

The Information Processing (IP) Laboratory is a collaborative of faculty and students in image processing, natural language processing applications in information extraction and information retrieval using open source tools.

OBJECTIVES

- Introduce the current trends in processing digital information available in the form of text, image, video and big data

- Train the participants to understand the techniques and tools of processing information and apply it to solve research problems.

- Motivate the participants to develop new information processing methods using open source tools.

WORKSHOP HIGHLIGHTS

Tools and topics to be covered in the workshop.

1. Mathematical foundations of Image Processing
   Linear algebra basics, Orthogonal Transforms, Image Transforms (Hadamard, DCT, Wavelet) etc using Matlab.

2. Natural language processing applications in information extraction using Python and NLTK.

3. Multimedia Information retrieval using Terrier and imagej.

4. Training on open source tools used for information processing.

DEPARTMENT OF COMPUTER APPLICATIONS
NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI - 620 015

REGISTRATION FORM
for

Two Days Workshop on

Tools and Techniques for Information Processing Research

(11TH & 12TH SEPTEMBER 2015)

Name:_____

Designation:_____

Address for Correspondence:_____
_____
_____
Ph: _____
E-mail:_____

Research Interests:_____
_____

Payments Details
Draft No:_____ Date:_____
Amount: Rs_____ Drawn On_____

Sponsored By
Name:_____
Designation:_____
Organization:_____

Applicant's   Signature of
Signature   Guide/HOD

LECTURES

Experts from NITT will deliver lectures.

REGISTRATION

Course fee of Rs. 500/- (Rupees Five Hundred only) in the form of demand draft payable to "Director, NIT, Tiruchirappalli: should accompany the Registration form.

ELIGIBILITY

It is planned to accommodate thirty participants (only Ph. D Research Scholars, PG students and UG final year students from NITT). The mode of selection is first come first served basis.

IMPORTANT DATES

Last date of Receipt of application:

1st September, 2015

Acceptance Notification:

3rd September, 2015

Workshop Dates:

11TH & 12TH SEPTEMBER 2015

COURSE COORDINATORS

Dr. S. Domnic
Dr. (Mrs) B. Janet
Dr. (Mrs) S. Sangeetha

INFORMATION PROCESSING LAB

Department of Computer Applications

National Institute of Technology

Tiruchirappalli - 620 015

Tamil Nadu, India

Phone: 9994904763

Email : iplabnitt@gmail.com

URL: http://www.nitt.edu

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Organized by

INFORMATION PROCESSING LAB

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PHONE: 0431-2503737

FAX: 0431-2500133

Web:http://www.nitt.edu