

Resource Persons

Guest speakers from IIT's and other reputed institutes and faculty members from IIT(ISM) Dhanbad.

Registration Fee

Participants	Course Fee
PG Students	4000
Research Scholars	6000
Faculty members, Scientists and members from Industry	8000
PG Students/Research Scholars (ISM)	500

The course fee includes registration kit and lunch.

Accommodation

Limited shared accommodation is available at EDC/Hostels on payment basis.

Who Should Attend

PG students, PhD Research Scholars, Faculty members, Scientists and Industry Person.

How to Apply

Applicants are requested to download the registration form available online at <http://www.ismdhanbad.ac.in/short-course/> and send the hard copy of the registration form along with the Demand Draft by post to the Course Coordinator on or before 28th February, 2017. The Demand Draft should be drawn in favor of "Registrar, Indian School of Mines", payable at Dhanbad.

Contact Details

Dr. Sushila Maheshkar
Coordinator
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Indian Institute of Technology (Indian School of Mines)

Short-Term course on
**Digital Imaging :
Techniques and Applications**

(04th - 08th April, 2017)

REGISTRATION FORM

Name: _____
Designation & Affiliation : _____
Organization: _____
Gender: _____
Address for Correspondence: _____

Mobile No: _____
E-mail ID: _____
Academic Qualification: _____
Experience (In years): _____
Accommodation Required: (Yes/No): _____
Details of Demand Draft(DD): _____
Amount: _____
DD Number: _____
Date: _____

Date:
Place:

Signature of the Applicant

Short -Term Course on **Digital Imaging : Techniques and Applications**

04th - 08th April, 2017



Organized by
Department of Computer Science
& Engineering

Indian Institute of Technology
(Indian School of Mines)
DHANBAD

www.ismdhanbad.ac.in

About IIT(ISM) Dhanbad

Indian Institute of Technology (Indian School of Mines), a fully residential university is situated in Jharkhand state, India and it was established by the Govt. of India in 1926 on the model of Royal School of Mines, London. Apart from earth and mineral science departments of national and international reputation, the institute has expanded with diverse branches in engineering including Computer Science and Engineering, Electronics Engineering, Electrical Engineering, Mechanical Engineering, and also Master of Business Administration. To know about the Institute, please visit at <http://www.ismdhanbad.ac.in/>



About Location

IIT(ISM) is well connected by rail and road. The School is located at a distance of about 3 KMs from Dhanbad Railway Station in Jharkhand State. Dhanbad station is on grand chord of Eastern Railways and well connected with Howrah, Delhi, Mumbai, Tata Nagar and Ranchi etc.

About Department



The Department of Computer Science and Engineering was established in the year 1997 to keep abreast with the recent technological advancements in the field of Computer Science and Information Technology.

The Department has presently 17 faculty members with various teaching and research expertise in the field of Computer Science. The department offers two under graduate courses namely B.Tech in CSE and Dual Degree in CSE. The admission of these two courses is through IIT-JEE. The department also have two M.Tech course in CSE and CSE with Specialization in Information Security. The admission of M.Tech is through GATE. The department offers Ph.D in CSE and presently more than 50 full time scholars are working in various research topics. The department runs several sponsored projects from the government organizations like CSIR, MIT and UGC. The department organized International Conference RAIT-2016, RAIT-2014, RAIT-2012, National Seminars RAIT 2009 and RAIT 2007. At regular basis, department used to conduct workshops in the field of Computer Science. To know about the department, please visit at

<http://www.ismdhanbad.ac.in/computer-science-engineering/>

Importance and Scope

In the recent years, extensive research has been performed to develop efficient and robust computational methods for Digital Image Processing and Analysis. These methods can be applied in different areas like engineering and medical sciences to achieve different goal by performing some tasks on images like image enhancement , image compression, image restoration, feature extraction etc. There are so many tools and packages are available for studying and analysis of image processing techniques. MATLAB is one of the popular tools for image analysis and manipulation. So the main objective of this short term course is to provide a broad overview and comprehensive understanding of digital image processing techniques using MATLAB. Each theoretical session will be further demonstrated with hands on practical session in MATLAB environment. The current trend of research in image processing techniques and its scope of application in real life will also be covered in this particular course.

Course Contents

- Digital Image Processing and its Applications using MATLAB.
- Image Enhancement and Restoration techniques.
- Image Compression
- Digital Image Watermarking
- Image Forensics
- Document Image Analysis

INDIAN INSTITUTE OF TECHNOLOGY
(INDIAN SCHOOL OF MINES)

Short-Term course on
Digital Imaging: Techniques and Applications

(04th – 08th April, 2017)

REGISTRATION FORM

Name: _____

Designation & Affiliation: _____

Organization: _____

Gender: _____

Address for Correspondence:

Mobile No: _____

E-mail ID: _____

Academic Qualification: _____

Experience (in years): _____

Accommodation Required (Yes/No): _____

Details of Demand Draft (DD):

Amount Paid: _____ Date of Payment: _____

DD Number: _____

Date:

Place:

(Signature of Applicant)