Registration Form

Short Term Course on

Biometric Security: Theory and Applications

15-19 March 2016

Name: _____

Designation: _____

Institute/Organization:

_____

_____

Mailing Address: _____

_____

_____

Phone No.(R)_____
(O)_____
Mobile: _____

Email: _____

DD No: _____**Date:**_____

Issuing bank: _____
Accommodation required: Yes / No

Food habit : Veg / Non-Veg

Age: _____ **yrs**

Gender: Male / Female

About the institute

National Institute of Technology Rourkela is an institute of national importance created under the act of parliament. NIT Rourkela provides quality education in a diverse and multi-cultural environment. The mission of the institute is to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for the society and be a preferred destination for undergraduate and graduate studies. The institute is offering Ph.D. and M.Tech by Research programmes in 21 branches of Engineering. The institute research centers are engaged in consultancy and research activities of several bodies such as DST, DAE, CSIR, DRDO, BARC, ISRO and private industries.

About the Department

The Department of Computer Science and Engineering (CSE) offers B.Tech. course in CSE, M.Tech courses in Computer Science (CS), Information Security (IS), Software Engineering (SE), and Analytics and Decision Sciences (ADS). The department offers PhD programmes in various areas of cutting edge research. At present, more than 15 research scholars are working in the areas of information security. The Department has liaison with reputed industries and R&D organizations. The department conducts short term courses, symposiums, workshops, and conferences throughout the year.

Course objective

The course will present the fudamentals and the research aspects of biometric security. Authentication of subjects through their face, iris, fingerprint, and signature will be discussed. The lectures will enable participants to apply pattern recognition and artificial intelligence to achieve biometric security.

Short Term Course on

Biometric Security: Theory and Applications

sponsored by

Information Security Education & Awareness Project (ISEA) Phase II, Govt. of India

15 – 19 March, 2016

Department of
Computer Science & Engineering
National Institute of Technology Rourkela
Odisha – 769 008, India

Course Schedule

Day – I :
9:00am – 11:00am (Lecture):
Introduction to image Processing
11:30am – 1:30pm (Lecture):
Introduction to biometrics
2:30pm – 5:30pm (Laboratory):
Introduction to Matlab

Day – II :
9:00am – 11:00am (Lecture):
Hough transform and shape detection
11:30am – 1:30pm (Lecture):
Iris biometric system
2:30pm – 5:30pm (Laboratory):
Parameters for Evaluation

Day – III :
9:00am – 11:00am (Lecture):
Feature Extraction Methodologies
11:30am – 1:30pm (Lecture):
Fingerprint biometric system
2:30pm – 5:30pm (Laboratory):
Iris recognition system

Day – IV :
9:00am – 11:00am (Lecture):
Fusion of multimodal biometrics
11:30am – 1:30pm (Lecture):
Emerging issues in biometric
2:30pm – 5:30pm (Laboratory):
Fingerprint recognition system

Day – V :
9:00am – 11:00am (Lecture):
Fundamentals of handwriting recognition
11:30am – 1:30pm (Lecture):
Research issues in handwriting recognition
2:30pm – 5:30pm (Laboratory):
End course evaluation

The course will be taught by the faculty members of NIT Rourkela. Experts from other academic institutions will be invited to share their latest research findings with the participants.

Who is eligible for applying?

Academicians working in AICTE approved organizations or Industry, Research Scholars working in the domain of security.

Registration Details:

Fee for faculties : INR 3000.00
Fee for research scholars: INR 2000.00
Fee for industry persons: INR 5000.00

How to apply:

The candidate should send a Demand Draft in favour of "Continuing Education, NIT Rourkela", payable at SBI NIT Campus branch, Rourkela (Branch Code: 2109).

The DD should be sent to:

Prof. Sambit Bakshi
Department of CSE, NIT Rourkela,
Odisha – 769 008, India
A mail titled "ISEA STC Registration: Biometric Security: Theory and Applications: March 2016" containing scan copy of the DD and the filled registration form should be sent to bakshisambit@nitrkl.ac.in

Important Dates:

Application Deadline: 29-Feb-2016
Course: 15 – 19 March, 2016

Accommodation and Food

- The participants will be provided with free shared air conditioned accommodation and food at institute guest house during the course.
- No travel allowance will be given.

How to reach?

Rourkela is on the Howrah (Kolkata)–Mumbai main line of South Eastern railway. The railway station and intrastate bus stand are 6kms and 2kms from NIT Rourkela campus respectively.

The airports near to Rourkela are Ranchi, Bhubaneswar and Kolkata. Rourkela is well connected to these cities by rail and train frequency is very good.

Contacts:
Chairman: Prof. Sanjay K. Jena (skjena@nitrkl.ac.in)

Principal Coordinator: Prof. Ashok K. Turuk (akturuk@nitrkl.ac.in)

Coordinator: Prof. Sambit Bakshi (bakshisambit@nitrkl.ac.in, 97787 06770)