REGISTRATION AND FEES

IMPORTANT DATES:

Last date for receipt of application with Draft:
Selection letters to be e-mailed:

Date	Category	Fee
Before 25th March 2019	BTech/MTech/PhD students	Rs. 1500
After 25th March 2019	BTech/MTech/PhD students	Rs. 2000
Before 25th March 2019	Faculty/Industry personnel	Rs. 2500
After 25th March 2019	Faculty/Industry personnel	Rs. 3000

Course Commences on: **28/03/2019**

CONTACTS:

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MAILING ADDRESS:

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Mobile: 09437940105
Email:
dassk@nitrkl.ac.in, **kailash.bristol@gmail.com**

NOTE : Envelope must be superscribed as

"Practical Aspect of Management of Server/Cloud for CCTV Footage/Video Data"

Practical Aspect of Management of Server/Cloud for CCTV Footage/Video Data

(28th March – 1st April, 2019)

Registration Form

1. Name: _____

2. Sex (M/F):_____

3. Category: Student / Faculty / Industry

4. College/ Organization name:_____
    _____

5. Highest Academic Qualification:_____

6. Address for Correspondence:

    Phone/Mobile:

    Email:

7. Accommodation Required: Yes/No

    (Hostel/Visitor Hostel)

8. Bank Draft Details:

    Amount_____ Draft No: _____

    Drawn on _____

    Date:
    Place: Signature of Participant

Forwarded by Head of the Department / Institute

Signature (with seal)

Broad Area of interest: Major aspects Video Analytics using machine learning in, Julia programming and Edge Infrastructure.

(28th March – 1st April, 2019)

Coordinator
Prof. S. K. Das
Co-coordinator
Prof. K. Sathya Babu

**Dept. of Electronics & Comm. Engg.
National Institute of Technology
Rourkela-769008, Odisha, India**

COURSE OBJECTIVE

The primary objectives of the course are as follows:

- Overview of cloud server related to cloud services, protocols and software's.
- Learn Collaborative online tools for video management and storage.
- Learn various data exchange and open collaboration cloud platforms.
- Get exposed to various surveillance camera installation in smart cities and applicability of machine learning in surveillance system.
- Learn how to design infrastructure around the video analytics system, integration of tools/code with the video analytics software also application deployment.

ABOUT DEPARTMENT OF ECE

The main objective of the department is to impart high quality education and research. The major research areas of the department include Communication Networking, Signal Processing, Image & Video Processing, VLSI and Embedded Systems, Microwave and Antenna Engineering. The EC department is handling several research projects sponsored by external funding agencies. The department has resourcefully established Communication Network lab equipped with various types of state of art licensed software.

COURSE HIGHLIGHTS

- Introduction to Smart Cities and emphasizing data sharing, collaboration, open platform
- Data exchange and open collaboration platforms in global smart Cities
- Introducing machine learning in Video Analytics software.
- Surveillance in smart cities and applicability of machine learning in surveillance
- Hands-on Julia programming and using Julia programming for video analytics.
- Video Analytics Infrastructure details
- Infrastructure around the Video Analytics system. (Hardware + Software)
- Accessing and Managing the Edge Infrastructure.

INTENDED ATTENDEES

The course is designed primarily to train students, professionals, scholars, faculties to take up communication networking as a career option in academic and industry. Students and faculties of Electronics, Electrical, Computer Science and MSc (Electronics) would find this course extremely useful.

ABOUT NIT ROURKELA

National Institute of Technology (NIT), Rourkela was founded as Regional Engineering College, Rourkela in 1961. It is a prestigious institute with a reputation for excellence at both undergraduate and postgraduate levels, fostering the spirit of national integration among the students, a close interaction with industry and a strong emphasis on research, both basic and applied.

The city of Rourkela is a bustling industrial city, cosmopolitan by nature and is well connected to all parts of the country by road and rail. It is en-route Howrah-Mumbai main line of South-Eastern Railway. Nesting amidst greenery on all sides, NIT campus is approximately 7 km from Rourkela railway station. The nearest airports are Ranchi, Kolkata and Bhubaneswar, which are well connected by trains.

WEBSITE

http://nitrkl.ac.in/Academic/6ShortTermCourse/Default.aspx

MODE OF PAYMENT

Payment should be done in DD/ Multicity Cheque in favor of "CONFERENCE NIT ROURKELA" payable at SBI, NIT Campus Branch. (Code: 2109) or Online transfer/deposit the amount through our SBI account No. 36734418111, Account type: S.B A/C, IFSC Code: SBIN0002109.

ACCOMMODATION

Accommodation* will be provided in Hall of residences or Guest Houses of NIT, Rourkela as per availability.

*Room rent for Hall of residences/Guest house will be paid by the participants.