

## **BIRLA INSTITUTE OF TECHNOLOGY, MESRA, PATNA CAMPUS**

Birla institute of Technology Mesra, Ranchi was established by the Philanthropist Industrialist Late B.M. Birla in 1955. The Institute attained the status of Deemed University under Section – 3 of UGC Act in 1986.

Birla Institute of Technology, Patna was established in 2006, as a result of an initiative taken by the Govt. of Bihar. Since then it has been growing continuously and has established academic landmarks. The Institute is in well resonance with the main Campus at Mesra, Ranchi and there is a regular exchange of resources between the two Campuses of BIT. It has nine academic departments (Comp. Sc. & Engg., Electronics & Comm. Engg., Electrical & Electronics Engg., Mech. Engg., Civil Engg., Production Engg., Architecture and Management). BIT Patna also offers Ph.D Programme in Science, Engineering and Management.

BIT Patna seeks to attract the best students from diverse backgrounds and offer them an excellent educational experience. The campus is equipped with all modern amenities and infrastructure that match the best educational practices. The facilities include eco friendly campus, spacious classrooms, modern teaching aids, state-of-the-art laboratories, Wi-Fi internet connectivity, separate hostels for boys and girls, canteen, college store, playgrounds, recreational areas, etc.

BIT Patna strive to achieve global standards and excellence in Teaching, Research and Consultancy by creating an environment in which the faculty and students share a passion for creating, sharing and applying knowledge to continuously improve the quality of education.

### **ABOUT THE SHORT TERM COURSE**

BIT Mesra, Patna Campus is organizing this course with support of DST under the Interdisciplinary Cyber Physical System.

Internet of Things is a new revolution of the internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent. Internet of things basically refers to network interfacing and communication of physical objects, devices and peripherals which can communicate and exchange information between each other without depending on human to human or human to computer interaction. The course will provide an opportunity for the participants to understand conceptual framework of IoT. The experts would share their experiences and provide guidelines to the participants for effective teaching and research. The major issues to be covered in the programme are as follows.

- Introduction to IoT
- Applications of IoT
- IoT Sensors and Electronic Devices
- Introduction to Arduino and Raspberry Pi
- IoT Programming and Big Data Analytics
- Network Security
- Interfacing of IoT Modules
- Latest Trends of IoT

### **Patron**

Prof.(Dr.) M. K. Mishra, Vice Chancellor, BIT Mesra

### **Chairman**

Prof. (Dr.) B.K. Singh Director, BIT Mesra, Patna

### **Coordinator**

Dr. Megha Dadel

### **Co-Coordinators**

Dr. R K. Badhai, Dr. Shahiruddin

### **Organising Committee**

Dr. Priyadarshi Suraj, Smt. Shipra, Smt. Sweta Kumari, Shri Atul Kumar Pandey, Dr. S. K. Choubey, Dr. P. Priyadarshini, Shri Prasant Prakash, Dr. Chhaya Yadav

## **A Short Term Training Programme Under ICPS Programme of Department of Science and Technology, Government of India**

**On**  
**Internet of Things**  
**(8<sup>th</sup> May -18<sup>th</sup> May, 2019)**

**Organized by**  
**Department of Electronics and  
Communication Engineering**



**Birla Institute of Technology, Mesra,  
Patna Campus  
Patna-800014**

## Advisors

Prof.(Dr.) S. Pal, HOD ECE, BIT Mesra  
Prof.(Dr.) R. S. Kumar, Professor, ECE, BIT Mesra  
Prof.(Dr.) N. Gupta, Professor, ECE, BIT Mesra  
Prof.(Dr.) S.K. Ghorai, Professor, ECE, BIT Mesra  
Prof.(Dr.) V.R. Gupta, Professor, ECE, BIT Mesra  
Prof.(Dr.) M. Chandra, Professor & D.S.W., BIT Mesra  
Prof.(Dr.) S.S. Solanki Professor and Director,  
University Polytechnic  
Prof.(Dr.) V. Bhattacharjee, HOD CSE, BIT Mesra  
Prof.(Dr.) G. Sahoo, Professor, CSE, BIT Mesra  
Prof. (Dr). S. Srivastava, HOD, IIIT, Noida  
Prof.(Dr.) D. K. Singh, Director, BIT Sindri  
Prof.(Dr.) P. Kumar, Associate Professor, IIT Patna  
Dr. M. H. Kolekar Associate Professor, IIT Patna  
Dr. G. Pradhan, HOD, NIT Patna  
Dr. S. K. Sinha, Associate Professor, BIT Patna  
Dr. K. Lal, In Charge CSE, BIT Patna

## RESOURCE PERSONS

Renowned persons from CSIR, IISc, IITs, NITs, BIT Mesra and other reputed institutions / organization.

## GENERAL INFORMATION

### Eligibility:

- Faculty from AICTE approved institutions.
- Participants from industries / R&D organization.
- UG/PG/Ph.D students.

### Registration fee:

- No registration fee will be charged from AICTE approved institutions for faculty and students. TA will be provided as per the institute norms.
- Participants from Industries/R&D organizations ₹.10,000/- (Ten Thousand) only.

The course includes the following:

- 1) Registration Kit
- 2) Tea and snacks

- 1) Lunch
- 2) Lecture Notes, Handouts, etc.

Number of seats is limited to 30 and will be offered on **first-come first-serve** basis.

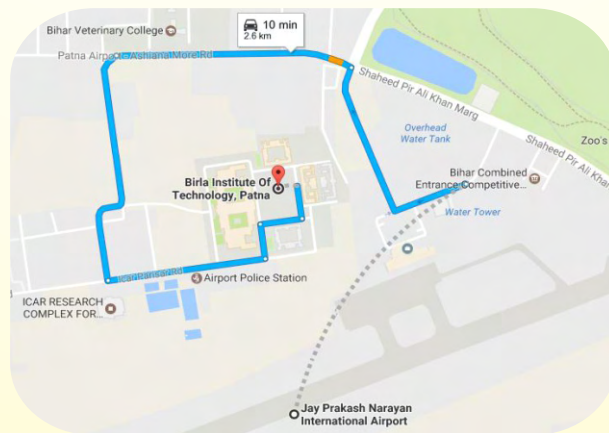
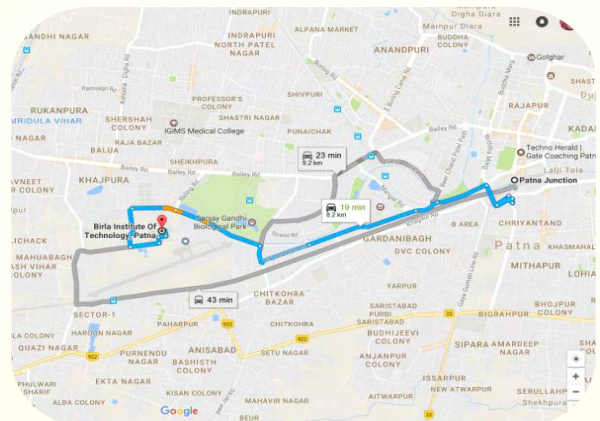
On successful completion of the course, Certificates will be issued to the participants.

Last date for submission of Registration Form by email to the Coordinator: 05-05-19 (forenoon)

**Accommodation:** Accommodation will be provided in institute guest house/hostels.

## How to reach BIT Patna

BIT Patna is located adjacent to the JPN International Airport, Patna at a distance of 2 KM. and 8 KM from Railway Station.



## Registration Form for the Short Term Training Programme on "Internet of Things", 8<sup>th</sup> May – 18<sup>th</sup> May, 2019 at BIT Mesra, Patna Campus

1. Name:.....
  2. Designation:.....
  3. Organization:.....
  4. Address:.....  
.....
  5. Phone(Cell):.....
- Email(Compulsory):.....
6. Male/Female:.....
  7. Category:.....
  8. Highest academic qualification:.....
  9. Accommodation Required(Y/N):.....
  10. Signature of the candidate with date:
  11. Recommended and forwarded:

Date: \_\_\_\_\_ Signature and Seal of the Head of the organization

Interested person(s) should sent the completed registration from to:

Email: [megha.dadel@bitmesra.ac.in](mailto:megha.dadel@bitmesra.ac.in)

Mobile No.: 9661800134 / 9955165732 / 9835311885.