

Electronics and ICT Academy

The Ministry of Electronics and Information Technology (formerly Department of Electronics & Information Technology (DeitY), a department under the Ministry of Communications and Information Technology), Government of India has sponsored a scheme entitled "Scheme of Financial Assistance for setting up of Electronics and ICT Academies" on 14th November, 2014. An Empowered Committee under the chairmanship of the Secretary, of the then DeitY has accorded approval for setting up of 4 such Academies in NIT Patna (Bihar), IIITDM Jabalpur (Madhya Pradesh), NIT Warangal (Telangana), IIT Guwahati (Assam). With financial assistance from the Central Government, the Academy aims at providing specialized training to the faculties of Engineering, Arts, Commerce & Science colleges, Polytechnics etc, by developing state-of-the-art facilities and in turn intends to enhance the academic skills of the students.

Objectives

Blockchain is a revolutionary technology and soon, it will avail a key role in some of the major industries. Apart from Bitcoin, it can be used for a wide variety of applications such as tracking ownership, physical assets, voting rights, security and encryption of various digital resources and access of online, distributed platform. To take benefit of these opportunities, one needs a structured training with an updated curriculum as per the current industry requirements and best practices.

This FDP is aimed to build up a trained base of faculty members who will mentor the students to serve the needs of the upcoming industrial trend.

Outcomes

1. Possess the in-demand skills to play an active role in Blockchain revolution.
2. Understand key features, different types of platforms & Languages of Blockchain Technology.
3. Know how to launch Blockchain in a single node and extend to multiple nodes using BAAS architecture.
4. Enable better strategic business decisions and develop solutions to real-life case studies.
5. Be able to confidently use Blockchain Technology in conjunction with other bleeding edge technologies in the domains of Big Data, Artificial Intelligence, Machine Learning, and others.

Venue

Techno India, EM 4/1, Sector V,
Salt Lake, Kolkata-700091

About NIT, Patna

On 28th January, 2014, the erstwhile Bihar College of Engineering, Patna was rechristened as the 18th National Institute of Technology by the Ministry of H.R.D., Government of India. But the journey began in 1886 with the establishment of pleaders survey training school and was subsequently promoted as Bihar College of Engineering, Patna in 1924. This marks this institute as the 6th Oldest Engineering Institute of India. The institute is situated on the south bank of holy river Ganges behind Gandhi Ghat (the place of immersion of the ashes of Mahatma Gandhi) and has a picturesque river view with historic building presenting a spectacle of architectural delight and natural beauty. The Institute has attained National importance and has been granted fully Autonomous Status by MHRD, Government of India. Due to its constant initiative to set high educational standards and hence holding long record of academic excellence, it has also been declared as a Centre of Excellence.

This expedites its endeavor further to impart high level education training, research and development in various disciplines of science, engineering technology and humanities. The pedagogical aspects have been framed effectively to suit not only the needs of the contemporary industrial requirements but also to develop human potential to its fullest extent in a range of professions. To conclude, ever since its rechristening, NIT Patna has been on the fast track of development and has undergone numerous facelifts in imparting education nationwide.



About Dept. of IT, Techno India

Techno India, a college with a difference, was established in the year 2001 initially with 4 AICTE approved Degree Engineering Courses including the Department of Information Technology. Starting from its birth, the department is constantly trying to evolve, advance and enhance the fundamentals of Information technology with a motive in building interest amongst students for specialized research, develop skills on new and current topics and creating the ability in them for better academic credentials.



The main focus is to inculcate job-oriented, value based quality education in recent technologies and equip the students with system and software development concepts in the state-of-art laboratories.

Apart from these, the department also encourages the students to participate in various intra and inter college events to help them develop quality interpersonal and professional skills in academic and non-academic domains.

FACULTY DEVELOPMENT PROGRAM

ON

BLOCKCHAIN TECHNOLOGY

Under the banner of
Electronics and ICT Academy, NIT Patna



In Association with
Department of IT, Techno India, Salt Lake



Sponsored by
Ministry of Electronics & Information Technology,
Govt. of India

DURATION
30TH OCTOBER TO 3RD NOVEMBER 2018

Patrons

Prof. (Dr.) Pradip Kr. Jain, Director, NIT Patna
Mr. Goutam Roy Chowdhury, Chairman, TIG
Mrs. Manasi Roy Chowdhury, Co-Chairman, TIG

Joint Coordinator

Prof. (Dr.) Bharat Gupta, Asst. Professor, NIT Patna, Email: bharat@nitp.ac.in
Mobile: +91- 9331406964
Prof. Soumitra Sasmal, Asst. Professor, Techno India, Email: soumitrasasmal@gmail.com
Mobile: +91- 9831768321

For any detail or query please contact

FDP Co-coordinator

Dr. Subhamita Mukherjee,
Assistant Professor, Dept. of IT,
Email: subhamita.mukherjee@gmail.com
Mobile: +91-9830370605

Topics

- Introduction to Blockchain
- Basic crypto primitives
- Bitcoin basics
- Distributed consensus
- Blockchain components and concepts
- Enterprise overview of Blockchain
- Hyperledger composer
- IBM Blockchain cloud
- Case studies

Advisory Committee

- Mr. Anit Adhikari, CEO & Director, TIG
- Prof. (Dr.) Rina Paladhi, Director, TISL
- Prof. (Dr.) C. K. Bhattacharya, Principal, TISL

Organising Committee

- Prof. Piyal Sarkar, HOD, Dept. of IT, TISL.
- Prof. Anirban Goswami, Dept. of IT, TISL.
- Prof. Soumitra Sasmal, Dept. of IT, TISL.
- Prof. Anindita Saha, Dept. of IT, TISL.
- Prof. Prof. Aparajita Chowdhury, Dept. of IT, TISL.
- Prof. Bijoly Saha, Dept. of IT, TISL.
- Dr. Subhamita Mukherjee, Dept. of IT, TISL.
- Prof. Praoipta Bhowmick, Dept. of IT, TISL.
- Prof. Poly Sil Sen, Dept. of IT, TISL.
- Prof. Tapasi Bhattacharjee, Dept. of IT, TISL.
- Prof. Sukhen Das, Dept. of IT, TISL.
- Prof. Sanjay Chakraborty, Dept. of IT, TISL.
- Prof. Prolay Biswas, Dept. of IT, TISL.
- Mr. Jibandeep Daw, Dept. of IT, TISL.
- Ms. Jayoti Saha, Dept. of IT, TISL.
- Ms. Sumita baidya, Dept. of IT, TISL.
- Mr. Monojit Manna, Dept. of IT, TISL.

Resource Persons

- Prof. Sandip Chakraborty, IIT, Kharagpur
- Mr. Diptiman Dasgupta, IBM Research, India
- Dr. Debashis De, Professor, MAKAUT, W.B.
- Dr. Sushmita Ruj, ISI, Kolkata
- Prof. Soumitra Sasmal, Techno India, Salt Lake

How to Register

- **Amount**
Rs. 1500/- for participants from academia.
Rs. 5000/- for participants from industry and research organizations.

The amount must be paid in form of Draft in favour of "The Director, NIT Patna", payable at Patna.

• Mode of Registration :-

Online: Registration form should accompany a single demand draft Rs 1500/- or Rs. 5000/- (non-refundable), as applicable, which should be drawn in favour of "Director, NIT Patna" payable at Patna.

Online payments of registration fee could be done in the following Account Name: NIT Patna

Account No: 50380476798

IFSC Code : ALLA0212286

The form (available online) must be filled properly, duly signed, endorsed by the competent authority and can be scanned and mailed to us in the following address :-

aparajita2007@gmail.com and saha.b8@gmail.com along with the scanned copy of the DD (if applicable).

(Last date: 27th October, 2018)

On Spot: The endorsed registration form and the DD can also be submitted on spot (27th October, 2018) but the name and details of the participant's registration must be intimated in the mail address :-

aparajita2007@gmail.com and saha.b8@gmail.com (at prior).

(TA must be borne by the participants themselves).

(N.B. for detailed description of the course and its content you can login to

<http://training.ticollege.org/cep/>)

Faculty Development Program (FDP)

“ BLOCKCHAIN TECHNOLOGY”

Under the Electronics and ICT Academy, NIT, Patna
(30th October to 3rd November, 2018)

Registration Form

1. Name (Block Letters):
2. Gender:
3. Cast:
4. Domicile State:
5. Designation:
6. Organization:
7. Address for Communication:
8. Email (Mandatory):
9. Mobile Number (Mandatory):
10. Qualification:
11. Specialization:
12. Subjects Taught (UG & PG levels):
13. Teaching Experience (Years):
14. Research Experience (Years):

Please register me for the course (FDP) on “Blockchain Technology” to be held at Techno India, Kolkata.

Date:

Place :

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Signature of the Applicant

Incubation Partner
TECHNOPRENEUR Surrogate Ventures Pvt. Ltd.


TECHNOPRENEUR'S
Surrogate Ventures

Training Partner
INFOSOLZ Consultancy Services Private Limited


INFOSOLZ
We deal what you need!