

# Faculty Development Program (FDP)

On

**ICT in Earth System Science**

Under the banner of

**Electronics & ICT Academy, NIT Patna**



In association with



**University Dept. of Geology, Ranchi University,  
Ranchi, Jharkhand**

Sponsored by



**Ministry of Electronic and Information Technology,  
Government of India**

From

**24<sup>th</sup> August, 2019 to 3<sup>rd</sup> September, 2019**

at

**University Department of Geology,  
Ranchi University, Ranchi, Jharkhand**

**Chief Patron (s)**

**Prof. (Dr) R. K. Pandey**

Vice Chancellor, Ranchi University, Ranchi

&

**Prof. P. K. Jain**

Director, NIT Patna

**Patron**

**Prof. (Dr.) Kamini Kumar**

Pro-Vice Chancellor, Ranchi University, Ranchi

**Organized by**

**Electronics & ICT Academy, NIT Patna**

&

**University Department of Geology,  
Ranchi University, Ranchi, Jharkhand**

**Coordinator (NIT Patna)**

**Dr. B. Gupta**

**Coordinator (Ranchi University)**

**Prof (Dr.) Bijay Singh**

**About NIT Patna**

National Institute of Technology Patna is the 18th National Institute of Technology created by the Ministry of H. R. D. Government of India after rechristening the erstwhile Bihar College of Engineering, Patna on 28. 01. 2004. The institute is situated on the south bank of holy river Ganges behind Gandhi Ghat, one of the most important and reverential place of Patna. National Institute of Technology Patna has been declared as an Institute of National Importance and has been granted a fully Autonomous Status by MHRD, Government of India. The Institute has also been declared as a Centre of Excellence of imparts high level education training, research and development in science, engineering technology and humanities. It is imparting high quality education & values at UG B.Tech, M.Tech & Ph.D programmes through its experienced faculty well versed in their respective field of engineering an technology with well-equipped laboratories. National Institute of Technology Patna aims at setting out very high education standards and holds long record of academic excellence.

**About Ranchi University**

Ranchi University was established on July 12, 1960, with ten post graduate departments, one constituent college (Ranchi College, Ranchi), and 20 affiliated colleges spread over an area of 65,000 square kilometers.

University is Ranked B++ by NAAC the located in predominantly tribal area, the University has successfully lived upto the expectations and aspirations of the people in its almost sixty years of existence. Continues to do so despite being subjected to trifurcation: first in 1992 when Vinoba Bhave University, Hazaribagh was carved out; second, in January 2009 when Nilambar Pitamber University, Mednagar, was created; and third, in August 2009 when Kolhan University, Chaibasa, was created. Today its territorial jurisdiction covers five districts only and catering to the huge student ever increasing enrollment to the best of satisfaction.

**Electronics and ICT Academy**

Ministry of Electronics and Information Technology, Government of India has instituted seven Electronics and Information & Communications Technology (ICT) Academies of which, the academy of NIT Patna is one. The Academy at NIT Patna aims to design and organize basic as well as specialized training programs in niche areas of electronics and ICT for the development of required knowledge base, skills and tools to equip the teaching community with better knowledge and understanding.

**Resource Persons**

1. Prof. (Dr.) Bijay Singh, Head, University Department of Geology, Ranchi University, Ranchi (Ex-P. Vice Chancellor, NP University)
2. Mr. Siddharth Kumar Rai, Joint Director, Software Technology Parks of India, Ministry of E&IT, Govt. of India, Ranchi
3. Prof. (Dr.) A. C. Pandey, Head, SLRM, Central University of Jharkhand, Ranchi
4. Dr. Ajey Kumar Pathak, Senior Scientist, NBFGR-IISR, Lucknow
5. Director, Jharkhand Space Application Centre (JSAC), Ranchi
6. Dr. V. K. Baraik, Associate Professor, IGNOU, New Delhi
7. Dr. Dinesh Singh, Associate Professor, TERI, Ghazipur, UP
8. Dr. Govind Singh, Assistant Professor, MGCGV University, MP
9. Dr. Aprana Singh, Assistant Professor, APS University, Rewa MP
10. Er. Brijendra Kumar Yadav, Assistant Professor, GPDC, Bundelkhand University, UP

## Objective and Scope

- Providing tutorial instruction
- Making use of integrated learning systems
- Making use of simulations modeling
- Using databases and spreadsheets
- Data-logging
- Controlling and monitoring experiments
- Graphing
- Working with interactive multimedia (for example, CD ROMs)
- Accessing information from the internet technologies
- Software used in earth system sciences

## Organizing Committee

1. Prof.(Dr.) D. K. Bhattacharya, Chairman
2. Dr. B. R. Jha, Convener
3. Dr. N. Priyadarshi
4. Dr. Mrs. J. Nandi
5. Dr. Mrs. Neha Mallick
6. Dr. Ms. Jugnu Prasad
7. Sri A. R. Bilung

## Who Can Participate

Industry personals, Faculty members of UGC/AICTE/NCT recognized Universities and Engineering colleges all over India, Research scholars, M.Tech., M.Sc, M.B.A. final year students, However there are very limited number of seats for Ph.D./PG students. Priority will be given to Ph.D. students.

## Registration Process

1. Registration form should accompany a single demand draft as applicable, which should be drawn in favors of "The Director, NIT Patna" payable at Patna. Online payment can also be done:

Account Name: NIT Patna,  
Account No: 50380476798,  
IFSC Code: ALLA0212286

2. The form must be filled properly, duly signed endorsed by the competent authority and can be scanned and mailed to us at: [bsingh6029@gmail.com](mailto:bsingh6029@gmail.com)
3. Selection will be made purely on First-Come-First-Serve basis (Subject to fulfilling the eligibility criteria).
4. The brochure and the registration form may be Website: <http://nitp.ac.in/ict> and <http://ranchiuniversity.ac.in>
5. The registration fee can also be deposited in cash.

## Registration Fees

- Faculty Members/ Research Scholar: Rs.1500/-
- PG Students: Rs. 500/-
- Industry Personnel: Rs. 2500/-

Registration fee includes Registration kit, Tea and Snacks and a Course Completion Certificate. **Certificate will be given by Electronics & ICT Academy NIT Patna.**

## Address for Correspondence

Enquiry should be addressed to-

**Prof (Dr) Bijay Singh**

Head University Dept. of Geology, Ranchi University  
(Ex-Pro VC, N P University, Medininagar)

Ranchi, Jharkhand, India: 834008

Mob: +91-9973045724

E-Mail: [bsingh6029@gmail.com](mailto:bsingh6029@gmail.com)

**Last date of submission of application: August 23, 2019**

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**24<sup>th</sup> August, 2019 to 3<sup>rd</sup> September, 2019**

## REGISTRATION FORM

1. Name (block letter): .....  
(a) Gender  Male  Female  
(b) Category  Gen  OBC  SC  ST
2. Adhaar Number:.....
3. Designation .....
4. Organization: .....
5. Highest Academic Qualification: .....
6. Experience (in years):  
(a) Teaching: .....  
(b) Industrial: .....
7. Address for communication: .....  
.....  
.....  
Pin code: .....Ph. No.: .....
- Fax No.: .....
- E-mail: .....
8. Mode of Payment  
Through DD   
Through NEFT   
CASH
9. DD No./NEFT Trn Ref no. : .....
- Date: .....
- Bank Name:.....
- Amount: .....

## DECLARATION

I do hereby agree to abide by the rules and regulations of the FDP.

Place: .....

Date: .....

.....  
Signature of the applicant