



Department of Electronics and  
Information Technology (DeitY)  
Ministry of Communication and  
Information Technology, Govt. of  
India supports

Electronics and ICT Academies to organize  
Faculty Development Programme on  
**Fundamentals of Databases** during **11-  
21 July, 2016** at  
IIT Guwahati, IIT Roorkee, IIITDM Jabalpur,  
MNIT Jaipur, NIT Patna and NIT Warangal

Applications from college / university  
/institute faculty members and industry  
personnel should reach the nearest local  
coordinators listed below at the earliest not  
later 7<sup>th</sup> July, 2016.

**Preamble:**

"Electronics & ICT Academy" is an initiative of DeitY, MCIT, GoI set up at some selected institutes in India. Such academies at IIT Guwahati, IIT Roorkee, IIIT Jabalpur, MNIT Jaipur, NIT Patna and NIT Warangal together conduct 10-day Faculty Development Programme (FDP) on Fundamentals of Databases during 11-21 July, 2016. Experts from IITs, NITs, IIITs and other premier institutes will deliver lectures through National Knowledge Network (NKN) and participants at above stated institutes can interactively learn from these lectures. In addition, local course coordinators at respective institutes will take care of practical and practice sessions. Each E&ICT Academy is given with some jurisdiction states in India. The role of academies are to offer faculty development programmes in standardized courses and emerging areas of Computer Science, Electronics, Information Communication Technologies; training & consultancy services for Industry; Curriculum development for Industry; CEP for working professionals; Advice and support for technical incubation and entrepreneurial activities.

**About FDP:**

Database Management Systems is a core course in Computer Science. In 80 hours, during ten days, this FDP covers principles for managing the data, data models, database design, query processing, transaction management and concurrency control, security issues and database administration. Pointers to some research issues will also be provided.

Though DBMS course is widely offered through various modes, this FDP through NKN set the objectives to train the faculty to teach the course with deeper understanding

of all the concepts with gained practical exposure. Rich experience of the speakers at premier institutes will make the participants to feel the difference.

Participants are encouraged to list their expectations in their e-mail to the Global Coordinator.

**Major Course Contents:**

- Data Models, Relational Data Model.
- Relational Algebra-Calculus
- SQL, Query Processing.
- E R Modeling; Database Design.
- Transaction Management; Concurrency Control; Crash Recovery.
- Database Administration.
- Flavor of BOSS-MOOL OS.

**Who can apply:** Faculty members of engineering colleges, MCA colleges and other allied colleges teaching DBMS. Persons from Industry who needs exposure/refresh the contents of this FDP.

**How to apply:** The format of application can be found in this brochure and it is to be filled-in and send through speed-post to the course coordinator with DD for registration fee. E-mail with scanned copies of application, DD must be sent to course coordinator and also to rbvs66@gmail.com

**Participants in Bihar, Jharkhand, West Bengal and Odisha have to apply to course coordinator at NIT Patna.**

Other participants have to identify E&ICT academy whose jurisdiction covers their State/UT of working location and apply to the course coordinator at such academy.

**Registration Fee Particulars:**

Faculty members: Rs 3000/- Only and  
Persons from Industry: Rs 9000/-Only.

**Boarding and Lodging will be provided at free of cost. No Travel Allowance will be paid to the participants.** Registration fee will be returned to SC/ST category participants provided they opt for it and their application number falls below 15%/7½% of total participants at an academy for this FDP. Application number will be assigned upon receiving at academy based on category of the participant and time-stamp of receiving the application at academy.

**The participants who can attend at NIT Patna need to send a crossed demand draft (DD) drawn in favour of "Director, NIT Patna" and payable at NIT Patna branch. For other institutes, please refer their websites.**

**Selection:** 50 participants based on first-cum-first-serve basis. 10 more participants from industry will be allowed. The list of selected participants will be notified in the E&ICT web sites.

**Important dates:**

**Last date for submission of application:  
07.07.2016**

**Selection-list intimation/display before:  
08.07.2016**

**FORMAT OF APPLICATION**  
**Faculty Development Programme**  
**on**  
**Fundamentals of Databases**  
(11-21 July, 2016)

1. Name :
2. Designation :
3. Institution :
4. email:
5. contact number:
6. DD No:                      Bank:                      Date:
7. Category claimed : OPEN/OBC/SC/ST
8. Address for Correspondence
  
9. State :
10. Educational Qualifications with specialization:
11. Subjects taught so far:
12. No. of refresher courses/workshops attended:
13. Experience (in years)  
Teaching :  
Research:  
Industry:
14. Accommodation required:    YES / NO

**Declaration**

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.  
Place:  
Date:                      Signature of the applicant

**SPONSORSHIP CERTIFICATE**

Dr/Mr/Ms. .... is  
..... is  
an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on Fundamentals of Databases sponsored by Electronics & ICT Academy during 11-21 July, 2016 at *Electronics & ICT Academy* located at \_\_\_\_\_

Place:                      Signature of Head of Institution  
(with seal)  
Date:

*Mail the scanned copies of filled-in and duly signed application form with DD to*  
**jps@nitp.ac.in**

**Those who come under NIT Patna jurisdiction.**

*Post your application form with DD to*  
Dr. Jyoti Prakash Singh  
Department of Computer Science & Engg.,  
National Institute of Technology Patna,  
Ashok Rajpath, Patna - 800005, Bihar.

For others, find address at the following websites or contact the local coordinators

Institute	E&ICT academy website	Local Coordinator	e-mail
IIT Guwahati	<a href="https://www.iitg.ernet.in/eictacad/">https://www.iitg.ernet.in/eictacad/</a>	Dr SK Nandi	sukumar@iitg.ernet.in
IIT Roorkee	<a href="http://eict.iitr.ac.in/">http://eict.iitr.ac.in/</a>	Dr Partha Roy	paroyfbs@iitr.ac.in
IIITDM Jabalpur	<a href="http://ict.iiitdmj.ac.in/">http://ict.iiitdmj.ac.in/</a>	Dr Pritee Khanna	pkhanna@iiitdmj.ac.in
MNIT Jaipur	<a href="http://www.mnit.ac.in/eict">www.mnit.ac.in/eict</a>	Dr Emmanuel S Pilli	espilli.cse@mnit.ac.in
NIT Patna	<a href="http://nitp.ac.in/ict/">http://nitp.ac.in/ict/</a>	Dr J P Singh	jps@nitp.ac.in
NIT Warangal	<a href="http://nitw.ac.in/eict/">http://nitw.ac.in/eict/</a>	Dr RBVSubramanyam	rbvs66@gmail.com

Global Coordinator: Dr. RBV Subramanyam, Dept. of C.S.E., NIT, Warangal (9490164984)