Ministry of Electronics and Information Technology (MeitY)

Govt. of India supports its

Electronics and ICT Academies to organize Faculty Development Programme **on**

Fundamentals of Databases during 23 June – 3 July, 2017 at

IIT Guwahati, IIT Roorkee, IIITDM Jabalpur, MNIT Jaipur, NIT Patna and NIT Warangal

Faculty members in college/university/institute and industry persons may apply so as to reach the nearest local coordinators listed below at the earliest not later 9-June-2017.

Preamble:

Electronics and Information Communication Technology Academy is an initiative of Ministry of Electronics & Information Technology (MeitY) Ministry of Communications and IT, Govt. of India for the faculty/research scholar development. 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.

Such academies at IIT Guwahati, IITRoorkee, IIIT Jabalpur, MNIT Jaipur, NIT Patna and NIT Warangal together conduct a 10-days Faculty Development Programme (FDP) on "Fundamentals of Databases" during 23 June - 3 July, 2017. Experts from IITs, NITs and other premier institutes 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 take care of practical and practice sessions.

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, overview of security and database administration.

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.

Major Course Contents:

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

Who can apply: Faculty members in engineering colleges, MCA/MSc offering colleges or those who are teaching DBMS in other allied colleges. Persons from Industry who need exposure/refresh to the contents of this FDP can also apply.

How to apply: Candidate can register either online or offline. 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.

Participants in Rajasthan, Gujarat, Dadra & Nagar Haveli, and Daman & Diu can apply to course coordinator at MNIT Jaipur. However, participants are free to choose any of the above six E&ICT academies depending on their convenience/interest.

Registration Fee Particulars:

Faculty members: Rs 3000/- Only [SC/ST category faculty need to pay Rs.750/- only]

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.

The participants who wish to attend at MNIT, Jaipur need to send a crossed demand draft(DD) drawn in favour of ""Electronics and ICT Academy, MNIT Jaipur" and payable at Jaipur. Alternatively, the fee may be paid in Online Mode: Account Name: Electronics & ICT Academy, MNIT, Jaipur Account No: 676801700483, IFSC: ICIC0006768.

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

Important dates:

Last date for submission of application: 09.06.2017

Selection-list1 intimation/display before: 12.06.2017

FORMAT OF APPLICATION
Faculty Development Programme
on
Fundamentals of Databases

(23 June -3 July, 2017)

1. Name :

2. Designation :

3. Institution :

4. email:

5. contact number:

6. DD No: Bank: Date:

7. Category claimed : OPEN / OBC / SC/ST

8. Gender:
9. Address for Correspondence

10.   State :

11.   Educational Qualifications with specialization:

12.   Subjects taught so far:

13. No. of refresher courses/workshops attended:

14. Experience (in years)
   Teaching :
   Research:
   Industry:

15. 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 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 23 June-3 July, 2017 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
dgopalani.cse@mnit.ac.in

Those who come under MNIT Jaipur jurisdiction,
Post your application form with DD to
Dr. Dinesh Gopalani
Assistant Professor,
Department of Computer Science & Engineering,
Malaviya National Institute of Technology,
J.L.N. Marg, Jaipur - 302017
Rajasthan (India)

Global Coordinator : **Dr. RBV Subramanyam, Dept. of C.S.E., NIT, Warangal (0 949 134 6969)**

Institute	E&ICT academy website	Local Coordinator	e-mail
IIT Guwahati	https://www.iitg.ernet.in/eictacad/	Dr Santosh Biswas	santosh_biswas@iitg.ernet.in
IIT Roorkee	http://eict.iitr.ac.in/	Dr Biplab Banerjee	getbiplab@gmail.com
IIITDM Jabalpur	http://ict.iiitdmj.ac.in/	Dr Pritee Khanna	pkhanna@iiitdmj.ac.in
MNIT Jaipur	www.mnit.ac.in/eict	Dr Dinesh Gopalani	dgopalani.cse@mnit.ac.in
NIT Patna	http://nitp.ac.in/ict/	Dr Tanwir Uddin Haider	tanwir@nitp.ac.in
NIT Warangal	http://nitw.ac.in/eict/	Dr RBV Subramanyam	rbvs66@gmail.com