

## Introduction

An important initiative has been taken by IIT Bombay to work with Engineering Colleges in the country to enhance the teaching skills of our faculty colleagues in core Engineering and Science Subjects. This initiative has now become a part of the National Mission on Education through ICT supported by MHRD. A [theme paper](#) outlining the details of the initiative is available on the website <http://ekalavya.it.iitb.ac.in/eOutreachHome.do>

In December 2009 and in June-July 2010, we conducted two-week ISTE workshops on 'Effective teaching/ learning of Computer Programming.' These workshops were attended by over 1300 participating teachers across the country, at 36 remote centers, through distance mode using the NKN (National Knowledge Network) and the internet.

The participating teachers attended live lectures, given by IIT faculty, at a remote center close to their own college. Tutorial and lab sessions were conducted in the same centers. Each center had a course Coordinator, who supervised the conduct of tutorials and Labs. All the lectures and tutorial sessions were recorded, and the final edited audio-visual contents, along with other course material will be released under open source. These contents can be freely used later by all teachers and students.

The resounding success of these workshops has encouraged us to organize another 2-week workshop on **Data-base Management Systems** from 13<sup>th</sup> -23<sup>rd</sup> December, 2010. This time, other than the ISRO-IITB EDUSAT network remote centers, various National Institutes of Technology (NITs) and other institutes will also be joining us as remote centres on the National Knowledge Network (NKN)/ Internet.

## Teaching Faculty

**Prof. S. Sudarshan**, Department of Computer Science and Engineering, IIT Bombay  
<http://www.cse.iitb.ac.in/~sudarsha/>

**Prof. D.B. Phatak**, Department of Computer Science and Engineering, IIT Bombay  
<http://www.it.iitb.ac.in/~dbp/>

## Course Content

Detailed course contents are available on our website <http://ekalavya.it.iitb.ac.in/eOutreachHome.do>. These will reflect the syllabus adopted by most universities for the subject "**Database Management Systems**". The participating teachers will also be introduced to the IIT style of teaching.

## Duration and Venue

The duration of the workshop is **2-weeks (10 working days)**. It will begin at **09:30 am** on Monday, **13<sup>th</sup> December, 2010**, and end at **18:00 pm** on Thursday **23<sup>rd</sup> December, 2010**. Additional contributions from participants are required to be made within the following two weeks.

These are detailed on the website <http://ekalavya.it.iitb.ac.in/eOutreachHome.do>  
The venues for the workshop will be **33 remote centers**. The list is enclosed with this brochure.

## Who may benefit

The workshop will benefit faculty colleagues who are teaching **Database Management Systems** in their colleges. They should have taught this subject at least once and should be familiar with the syllabi and examination pattern of their own college or university.

## Note

Please note that this workshop is conducted by the eOutreach project of IIT Bombay, under the **National Mission on Education through ICT**. Live recording of the course and other created contents would be released under Open Source through a portal. The recorded CD/DVD of the course lectures would be available for distribution at cost, to any individual/ institution. All participants are required to sign a certificate for such release of contents contributed by them during and after the workshop. The recognition and citation will naturally be made for all contributors.

## Accommodation & other support

Remote centers are being funded to provide tea/lunch on each day of the workshop, and for accommodation, wherever available\*, for limited number of outstation participants. **Travel expenses up to Rs.1000 will be reimbursed against proof of actual expenditure.**

\* Accommodation is not guaranteed.

## Course Fee

Since the workshop is funded by the **National Mission on Education through ICT (MHRD, Government of India)**, there is **no** course fee for participation.

## How to Apply

Those wishing to attend this workshop should enroll online at this website

<http://ekalavya.it.iitb.ac.in/eOutreachHome.do>.

**Enrollment will be strictly online and no other applications will be entertained.**

The online form contains a list of remote centers. Please select a center close to your institute, from the list to indicate where you would wish to attend the workshop. Last date for enrollment is **25<sup>th</sup> November 2010**. A list of selected participants will be put up on this website on **30<sup>th</sup> November 2010**. The selected participants will also be informed by email.

**LAST DATE FOR ONLINE ENROLLMENT:  
25<sup>th</sup> November 2010.**

For queries, contact  
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**Tel.: +91-22-2576 4982/4983**  
**Fax : +91-22-2572 0022**  
**Email: eoutreach@it.iitb.ac.in**

## Remote Centers

### Andhra Pradesh

Kakinada Institute of Engineering & Technology-II, **Kakinada**  
National Institute of Technology, **Warangal**  
Rajeev Gandhi Memorial College of Engineering & Technology, **Kurnool**

### Gujarat

Dhirubhai Ambani Inst. of Information & Communication Technology, **Gandhinagar**  
Sardar Vallabhbhai National Institute of Technology, **Surat**  
Institute of Technology, Nirma University, **Ahmedabad**

### Haryana

National Institute of Technology, **Kurukshetra**

### Jammu & Kashmir

DOEACC Center, **Srinagar**

### Karnataka

Amrita School of Engineering, **Bengaluru**  
Manipal Institute of Technology, **Manipal**  
National Institute of Technology, **Surathkal**

### Kerala

Amrita School of Engineering, Amritapuri, **Kollam**  
National Institute of Technology, **Calicut**

### Madhya Pradesh

IPS Academy, **Indore**  
National Institute of Technology, **Bhopal**  
Samrat Ashok Technological Institute, **Vidisha**  
S.G.S Institute of Technology and Science, **Indore**

### Maharashtra

D.K.T.E'S Textile & Engineering Institute, **Ichalkaranji**  
MES's Institute of Management and Career Courses (IMCC), **Pune**

K. J. Somaiya College of Engineering, Vidyavihar, **Mumbai**  
Rajarambapu Institute of Technology, **Islampur**  
R. C. Patel Institute of Technology, **Shirpur**  
Vidya Pratishthan's College of Engineering, **Baramati**  
Visvesvaraya National Institute of Technology, (VNIT), **Nagpur**  
Walchand College of Engineering, **Sangli**

### Punjab

National Institute of Technology, **Jalandhar**

### Rajasthan

Jaipur Engg. College, **Kukas**

### Tamil Nadu

Amrita School of Engineering, **Coimbatore**  
Anna University, **Chennai**  
Periyar Maniammai University, **Thanjavur**  
PSG College of Technology, **Coimbatore**  
Sona College of Technology, **Salem**

### West Bengal

National Institute of Technology, **Durgapur**

# 2-WEEK ISTE WORKSHOP

on

## Database Management Systems

Under the

**National Mission on Education through ICT  
(MHRD, Govt. of India)**

**13<sup>th</sup> December to 23<sup>rd</sup> December, 2010**

**Conducted by IIT Bombay**



Coordinators:

**Prof S. Sudarshan**

**Prof D. B. Phatak**

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