



An Access to Quality Education in Engineering, Sciences and Humanities

Reach out



A NEWSLETTER OF CDEEP, IIT BOMBAY

<http://www.cdeep.iitb.ac.in>



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CDEEP Transmits Educational Resources

- Live Webcast: Interactive with offline support through Moodle.
- National Knowledge Network: Two way audio/video interaction through Video Conferencing.
- Video on Demand: Currently available free through intranet and with a very small payment through internet.
- Satellite: Two way audio/video interaction through satellite.

The Centre for Distance Engineering Education Programme (CDEEP) aims

- ✓ To provide opportunities to as large a number of students and professionals as possible to have access to quality education in engineering, science and humanities.
- ✓ To develop, evolve and continuously upgrade teaching materials, teaching styles, examination and testing systems and dissemination technologies that aid distance education.

CDEEP courses of Autumn (July - November) 2011

Sr.	Course Name (Code)	Course Instructor	Department	Tentative Timetable(Day/Time)
1	Modern Physics (PH 105)	Prof Shiva Prasad	Physics	Mon 14:30 - 15:55, Thurs 14:30 - 15:55 LCC 31
2	Computational Methods for Chemical Engineers (CL 701)	Prof. Sachin Patwardhan	Chemical Engineering	Mon 8.30-9.25, Tues 9.30-10.25, Thurs 10.35-11.30, Chemical Engg Room No - 230
3	Chemistry and Computers (CH 481)	Prof.B. L. Tembe	Chemistry	Mon 10:35 - 11:30 Every Monday 1 hrs Chemical Engg. Room No -130
4	Electronic Devices (EE 207)	Prof. A. N. Chandorkar	Electrical Engineering	Mon 10:35-11:30 (3A), Tue 11:35-12:30 (3B)Thu 8:30-9:25 (3C) LCH - 11
5	Non-Conventional Energy Sources (EN 601)	Prof. P. C. Ghosh	Energy Science & Engineering	Mon 8.30-9.25, Tues 9.30-10.25, Thurs 10.35-11.30, A1A2
6	VLSI Technology (EE 669)	Prof. Anil Kottantharayil	Electrical Engineering	Tues 17:05-18:30 , Fri 17:05-18:30 EEG 401
7	Optimization Techniques (IE 601)	Prof.Vishnu Narayanan	Industrial Engineering & Operations Research	Wed 11:05- 12:30 , Fri 11:05- 12:30 EEG 401
8	Design and Analysis of Experiments Using Taguchi Method (EE 731)	Prof. Prakash Apte	Electrical Engineering	Wed 11:05- 12:30 , Fri 11:05- 12:30 VS
9	Linear Algebra (MA 106)	Prof. Jugal K. Verma	Mathematics	Tues 17:05-18:30 , Fri 17:05-18:30 Wed 15:30 -17:00 A1A2
10	Solid Mechanics (CE 201)	Prof. Tarun Kant	Civil Engineering	Mon 9:30 - 10:25, Tue 10:35 - 11:30 , Tue 14:00 - 15:00 , Thu 11:35 - 12:30 LCC 22
11	Advanced Concepts in solar Cell Technologies (EN 703)	Prof. Chetan Solanki Prof. Shaibal Sarkar	Energy Science & Engineering	Mon 14:00 - 15:30, Thu 14:00 - 15:30 A1A2
12	Data Analysis and Interpretation (IC 102)	Prof. Santosh Noronha	Chemical Engineering	Tue 15:30 - 16:55, Wed 16:00 - 17:00, Fri 15:30 - 16:55 LCC 02
13	Experiemetal and Measurement Lab (IC 211)	Prof. S. Suryanarayanan	Mechnial Engineering	Wed 14:00 - 15:30 PCSA

Post Graduate Diploma(PGD) of IIT Bombay through Distance Education

CDEEP shall interact with departments of IIT Bombay and Inter Disciplinary Programmes within the institute to evolve suitable courses that could be clubbed together and approved by the senate for award of PGD. These PGDs could be useful to Students, Teachers and Other working Professionals, who wish to upgrade their educational qualification through distance education. At present PGDs are available in

- ✓ Microelectronics and VLSI
- ✓ Communication and Signal Processing

To obtain these PGDs a participant has to complete 9 courses in each of the streams. PGDs in other subjects may also be introduced in due courses of time.

Ways to participate in CDEEP Courses

CDEEP accepts registrations from individuals and Remote Centers (RCs) for its Distance Education courses. The following types of registrations are possible

- Registration by individual participant to be certified by RC.
- Registration by individual participant to be graded by RC following successful completion and teaching based on examination designed by IITB.
- Registration by individual participant to be graded by IITB following successful completion and teaching based on examination conducted by IITB.
- Registration by RC for a group of participants for Live course interaction and certification by CDEEP of the Center having participated
- Registration by RC for a group of participants for Offline course interaction and certification by CDEEP of the Center having participated.

The charges for participation in various modes as above are given at

http://www.cdeep.iitb.ac.in/Live_edu/fee.html

Participants registered in any of the above modes may participate interactively through IITB instructors by registering through 'Moodle' for the course.

Modes of Course availability

- ✓ Live through internet.
- ✓ Extended Live Classroom.
- ✓ Offline Classroom.

Useful Links

IIT Bombay homepage	: http://www.iitb.ac.in
Web address of CDEEP	: http://www.cdeep.iitb.ac.in
Web address of NPTEL	: http://www.nptel.iitb.ac.in
All Courses of IIT Bombay	: http://www.iitb.ac.in/acadpublic/Course.html

Message from Prof. H.S. Pandalai

As science and technology advances, to keep pace with it and narrow the gap between the educationally empowered and the educationally impoverished, there is ever-increasing need to promote education at the basic and higher levels. Providing opportunities for quality education in



engineering, sciences and humanities to as large a number of students and professionals as possible is an avowed goal of the Indian Institute of Technology Bombay and developing methodologies for imparting education through the distance learning mode is one of the goals that the Institute wishes to pursue. The Centre for Distance Engineering Education Programme (CDEEP) is that arm of IITB entrusted with evolving programmes to extend the outreach of Institute in educational empowerment through distance education. CDEEP is charged with the work of continuously improving teaching materials, teaching styles, distance examination and testing systems and dissemination technologies. IITB pins great hopes on the success of this educational outreach endeavors.

Prof. H S Pandalai is a Professor at Department of Earth Science at IIT Bombay and currently is the Deputy Director (Finance and External Affairs), IITB. He also held positions earlier as Head, Centre for Studies in Resources Engineering, IITB (Sept. 2008 - August 2010). Head, Department of Earth Sciences, IITB (2003-2006) .

Organizing Chairman, JEE-2007.

Chairman Sports, IITB.

Chairman IITB Hospital Advisory Committee, IITB (2006-2010).

His research interests are in Ore Geology, Geostatistics, and Mining Geology. He has published a Book, Pandalai, H.S. and Saraswati, P.K. (Editors) (1998) "Geological Data Analysis : Statistical Methods". Hindustan Publication Corporation New Delhi