

Announcement

School of IT and E-Governance division of CDAC Noida announces following one day workshops for faculty members of AICTE approved institutions :-

Workshop	Coordinator
Learning management system for managing the teaching process	Dr P R Gupta Head , SoIT CDAC , Noida poonamgupta@cdacnoida.in 0120-3063375
Using Free and Open Source Software in engineering curricula	Mr P Govind Raj Coordinator , BOSS PRC , E-governance Division , CDAC , Noida pgovindraj@cdacnoida.in 0120-3063344

First workshops will be conducted as per following details . For ensuring larger participation of faculty members other workshop dates will be announced in future. The details of dates are given below :-

Sl No	Learning management system for managing the teaching process	Using Free and Open Source Software in engineering curricula
1	17 July 2009	18 July 2009

Batch size for each workshop will be limited to 25 participants. For further details contact workshop coordinators

Interested faculty members can send their willingness to attend the workshops by email at sit@cdacnoida.in with workshop name in subject of mail, along with the duly filled form .

The deadline for registration will be 15 days before the date of workshop.

Workshop on

Learning management system for managing the teaching process

Objective

Learning Management System (LMS) is an information system that administers instructor-led and e-learning courses and keeps track of student progress. An LMS can be used to monitor the effectiveness of the institution's education and training.

In Indian scenario where faculty members are not sufficient , a good LMS can be of great help for institutions . The workshop will offer an excellent overview to the whole topic of Learning management system(LMS) at a high level and will help faculty members for better planning and management of their classes .

The workshop will give an insight to LMS , basic functionalities , user roles etc. The workshop will provide hands-on for working of two LMS namely

Moodle : an open source LMS

eShikshak : LMS developed by CDAC Hyderabad

Participant will get an opportunity to interact with people involved in development of LMS and will also get a glimpse of improvements in education delivery system using ICT Workshop will also provide hands-on experience to a Online Examination conduction system developed by CDAC, Noida as part of DIT , MoC&IT funded project so that participating faculty members can contribute to question pool while using LMS for their course handling .

Audience

Faculty members , course designers , instructors

Tentative Schedule of Workshop :-

Learning management system for managing the teaching process			
Session I	10-10:30	Learning management system : Need of education system Available LMS	30 Minutes
Session II	10:30 – 11:15	Basic Functionalities in a LMS	45 Minutes
Tea Break			
Session III	11:30 – 12:30 pm	e-Shikshak Hands-on Session	60 Minutes
Session IV	12:30 – 1:30 pm	Moodle Hands-on Session	60 Minutes
Lunch Break			
Session VI	2:30 – 4:00 pm	Special Session on EU Funding process for Academics and research community	90 Minutes
Tea Break			
Session V	4:15 -5:45 pm	Online Examination Conduction system Hands-On Session	90 Minutes

Workshop On Using Free and Open Source Software in engineering curricula

Objective and Coverage

Open source philosophy describes practices in production and development that promote access to the end product's sources. Some of the reasons for using open source software include low total cost of ownership, lack of software piracy issues, availability of source code leading to high degree of customizability and scalability, adaptability for variety of applications, community cooperation and extensive support freely available on Internet . Open source community interaction can help a student to have an experience of lots of Software engineering practices while studying. Availability of source code , not only helps students to get better understanding of the concepts being taught, it also gives a scope to change/ modify the product as per the requirement . CDAC is putting efforts through its BOSS GNU/Linux distribution developed by CDAC , Chennai for taking technology to masses at low cost where BOSS GNU/Linux supports multiple Indian language and is poised to become National Desktop .

The workshop will offer an overview to the whole concept of Free and open source software as well as hands-on on various software which can be used for giving training to B Tech/ MCA students ..This will help participants in adding practical exposure to students in the courses conducted by them with a very low cost . Participant will also get an opportunity to interact with people involved in development of Open source software at CDAC and its other R&D activities . The workshop will focus on FOSS , Linux basics , how to use it as platform for training professional course students . The hands-on sessions will be conducted on various tools which are required to convey various computer science concepts etc . Each session will also elaborate on how to use the technology/tool in conducting lab sessions. Workshop will also give an insight into how to get involve with open source development.

Audience

Faculty members , course designers , instructors

Tentative Schedule of Workshop :-

Using Free and Open Source Software in engineering curricula			
Session I	9:30-9:50	BOSS GNU/Linux Overview	20 Minutes
Session II	9:50-10:30	Tools for Content preparation (LaTeX , Bhartiya Open Office)	40 Minutes
Session III	10:30- 12:45 with 15 minutes tea break	Programming in Linux Tools for writing programs (gcc , IDE) Shell scripting and Administering Linux GUI Development (Python , symPython ,Glade)	120 Minutes
Session IV	12:45-1:15	Databases and Web application development	30 Minutes
Lunch Break			

Session V	2:30 – 3:00	SciLab	30 Minutes
Session VI	3:00 – 3:45	SAGE	45 Minutes
Session VII	3:30 – 4:15	Networking	30 Minutes
Tea Break			
Session VIII	4:30 – 5:15	Kernel Programming	45 Minutes
Session IX	5:15 – 5:45	Groovy Programming	30 minutes

Registration Form
Workshop

Name	
Title	
Institution	
Address	
Phone/Mobile No.	
Email	
Subjects Taught at UG level	
Subjects Taught at PG level	
Title of workshop to be attended	

Please send your registration form with workshop title as subject at following email ID : sit@cdacnoida.in