

ICDE 2005 Pre-Conference Workshop (November 18, 2005, New Delhi)

How to produce an instructional module on the Internet

A hands-on workshop for teachers, professors, trainers and educational experts

Background of Workshop

Delivering learning through networks requires the materialisation of knowledge into media. Therefore course production and publishing become a core component of staff development for institutions or individuals wishing to embark on eLearning services. The mix of pedagogical, organisational and technical elements within eLearning results in a complexity in the process of producing content that should not be underestimated.

By now most educational institutions in Europe went through this process and have embarked on eLearning services, enabling their faculties or training staff to reach out to new student populations and to improve the overall quality of services.

The German agency for technical cooperation (Deutsche Gesellschaft fuer Technische Zusammenarbeit, GTZ) has been building capacities on eLearning for its partner network, the "Industrial Services Network – ISN" since 2003 through seminars, workshops and an eight months comprehensive eLearning programme on the Internet: http://www.crystal-elearning.net/e17/e13702/index_eng.html

ISN is an Indo-German Network for Training and Industrial Services and plays an active role in the formation of new learning services in India, especially in the TVET sector: <http://www.isn-india.net>

A German eLearning expert from GTZ with four Indian educational experts, qualified through a comprehensive programme on eLearning by GTZ, will conduct this hands-on workshop.

Workshop Description

Content and methods of this workshop are action-oriented and result-oriented and participants will actually produce eLearning content along the lines of a "Rapid eLearning Production" methodology. Before the IGNOU conference will start, the trainer team will offer participants a short preparatory phase on the Internet. During the workshop, the participants themselves will design eLearning course modules, with every individual result not only to be produced but also to be published on-the-fly on the Internet. Related to each personal result a certificate is awarded.

The full-day hands-on workshop on how to produce instructional modules on the Internet will be conducted by Sebastian Hoffmann from GTZ and four TVET eLearning experts from the Indian "Industrial Services Network - ISN".

There will be a special space made available on the ISN website, on which participants can prepare themselves for the workshop by viewing and studying workshop relevant resources. With this approach participants can prepare themselves better and eventually will have a greater out-put from the workshop.

The ISN website will also be used as an eLearning platform during the IGNOU workshop, when the participants are guided to publish their eLearning course module to be produced on their networked PCs. Each participant will become the owner of a designated personal space on the ISN website. Here he/she will produce and publish his/her own eLearning module with the help of a cutting-edge Open Source based content management system.

The workshop will include an introductory presentation on instructional design and web publishing. Then follows a live demonstration and hands-on exercises on the Internet. Based on this warming-up phase, the participants are coached by the trainers to produce and publish their own eLearning course module. This is done by taking digitalised teaching material and aids such as text, graphics, photos, transparencies etc the participants bring in from their actual lessons or seminars and by using this material for constructing an eLearning module.

Five trainers taking care of maximum 40 workshop participants will make this workshop a very intensive exercise.

The Workshop Participants

Workshop participants are educationalists, teachers, trainers, and professors who are already familiar with

- working on a PC on the Internet,
- instructional design,
- appreciation of a workshop in which their active participation is required

and who want to get insights into eLearning and web-based course production.

Every participant has to bring teaching material such as text, graphics, photos, transparencies etc related to the subject she/he is teaching in a digital format to the workshop.

The workshop room with 20 PCs will accommodate participants up to a maximum of 40.

Workshop participants are enrolled on a first come, first go basis.

Workshop Trainers:

The four Indian workshop trainers are experts in the field of technical and vocational education and training and have received a qualification on developing and implementing eLearning services by the University of Applied Sciences in Furtwangen, Germany.



L. Sudhakar is M.Sc in Applied Electronics and currently working as an Additional Director of Centre for Electronics Test Engineering, ETDC, STQC, Hyderabad. He has about 20 years of work experience in different fields of electronics.



Sanjeev Kumar is M.Tech in Computer Science and M.Sc in Physics (Specialisation in electronics). He has professional qualifications Live E-learning Business Manager from Tele Akademie, University of Applied Sciences, Furtwangen, Germany, IBM-Rationals Certified Instructor for OOAD & ROSE etc. He is having an experience of 12 years in electronics and ICT and currently working on software testing, Evaluation & Certification for various e-governance IT projects.



A.B. Singh, a B.E. in Computer Sciences, having IT experience as a Design Engineer and he posses technical skills of operating systems, programming and various internet technologies. Currently he is working on e-learning project in collaboration with GTZ, India to set up eLearning Competence Centre in India. He is also the Lab-in-charge and DOEACC Information Cell, Imphal Co-ordinator.



J.K. Lalthlamuana, a B.E. in Electrical and Electronics is working as a Design Engineer at DOEACC Centre, Aizawl. His areas of interest are Quality Systems, Digial electronics, networking, e-learning and e-governance.

Workshop leader:



Sebastian Hoffmann is the workshop leader on behalf of GTZ. He is a partner at Hoffmann & Reif Consultants and is based in Cologne, Germany <http://www.hoffmann&reif.com>. Sebastian is a German pioneer in developing eLearning services. He has contributed significantly to the building of one of the first German eLearning competence centers in Germany back in 1996: the “tele-akademie” of the University of Applied Sciences in Furtwangen/Black Forest. In November 2001 the “tele-akademie” was awarded as the best academic eLearning provider in Germany. Sebastian is co-author of the on-line course “New Media in Education”. Since 1997 he has been engaged in eLearning capacity building in Africa and Asia. He is a main designer of the “Comprehensive Programme for Building eLearning Institution”, a programme that had been delivered by the German development agency GTZ over eight months to educational experts in India in 2004/2005. He has been the programme manager and also the seminar leader during the face-to-face sessions for this programme.

Fees : US \$ 75 / INR 500

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