

# National Seminar e-Learning and e-Learning Technologies

Hyderabad



August 8-9, 2005

**Venue**  
UGC-Academic Staff College Auditorium  
JNTU Campus  
Kukatpally, Hyderabad

**ELELTECH**  
INDIA 2005

Centre for Development of Advanced Computing, Hyderabad

## Monday August 8

08:30 - 09:30	Registration
09:30 - 10:30	Inauguration
10:30 - 11:00	<b>TEA BREAK</b>
11:00 - 11:30	<b>Keynote address:</b> e-Learning – Prospects and Challenges S.P.Mudur, Concordia University, Montreal, Canada
<b>11:30 - 13:00</b>	<b>Session I: Pedagogy &amp; Instructional Design</b> <b>Chair: A.K.Ray, IIT Kharagpur</b>
11:30 – 12:00	<b>Invited Talk: Is there a Successful ID Model? A Practitioner's Perspective on Working with Models in Designing e-Learning environments</b> Madhuri Dubey, Cordys R&D India Ltd, Hyderabad
12:00 – 12:15	<b>Adaptive e-Learning Environment for Students with Divergent Knowledge Levels</b> Anandi Giridharan, Indian Institute of Science, Bangalore
12:15 – 12:30	<b>Applying Transactional Analysis (TA) and Ego-states for HCI Design in e-Learning: A Case Study of Indian Scripts Typing Tutor</b> Dinesh S. Katre, National Multimedia Resource Centre, C-DAC Pune
12:30 – 12:45	<b>Gradebooks as First Class Objects</b> Diptendu Dutta, Arup Kumar Ghosh, Sumanta Ray, Srijan Roy, Chandan Kumar Konar, Aunwsha Knowledge Technologies Pvt Ltd
12:45 – 13:00	<b>e-Examiner: A System for Online Evaluation and Grading of Essay Questions</b> Siddhartha Ghosh, GNITS, Hyderabad
13:00 – 14:00	<b>LUNCH BREAK</b>
<b>14:00 – 15:30</b>	<b>Session II: Content Development, Delivery and Tools</b> <b>Chair: Subbarao Ghanta, Institute for Electronic Governance</b>
14:00 – 14:30	<b>Invited Talk: Experiences in Effective Utilization of ICT Tools for Developing Scientific Content for e-Learning – A case study</b> Mangala Sunder Krishnan, IIT Madras
14:30 – 14:50	<b>Vartalaap – Virtual Classroom System</b> Supriya N. Pal, Param J. Singh, Ravi K. Sinha, L. Prakasa Rao, C-DAC Bangalore
14:50 – 15:10	<b>e-Learning Content Generation Tools: An XML-based Semantic Content Object Approach</b> Amit Bhutoria, Akshay Mishra, IIT Kharagpur
15: 10 – 15:30	<b>Content Authoring Tools and Standards – A Self-Reliant Mechanism for Content Development</b> S.Meenakshi, V.K.Sharma, C-DAC Noida
15:30 – 15:45	<b>TEA BREAK</b>
<b>15:45 – 17:30</b>	<b>Session III: e-Learning and Its Societal Impact</b> <b>Chair: L.Subramani, Journalist, Deccan Herald</b>
15:45 – 16:15	<b>Invited Talk: e-Learning for Physically Challenged</b> Zia Saquib, C-DAC Pune
16:15 – 16:35	<b>e-Learning: The Vision in the Dark</b> Jalpa M. Sarvaiya, Samaldas Arts College, Gujarat Parthvi A. Oza, MGM Computer Centre, Gujarat
16:35 – 16:55	<b>e-Learning and the Digital Divide</b> Nilay M.Yajnik, Narsee Monjee IMS, Mumbai
17:00 – 17:30	<b>Special Talk: Development of LCMS Public Private Partnership Approach</b> AS Rao, DSIR
19:00 – 20:00	<b>Cultural Programme</b>
20:00 – 21:00	<b>DINNER</b>

## Tuesday August 9

- 09:00 - 09:30 **Keynote address: Building Quality Instructional Processes over Content for Technology Enhanced Learning**  
K.R.Srivathsan, IIITM Kerala
- 09:30 - 10:45** **Session IV: Learning Grids & New Technologies**  
**Chair: J.S.R.Subrahmanyam, Sr. Consultant**
- 09:30 – 09:45 **Invited Talk: Learning Grids & New Technologies - Where does India Stand?**  
J.S.R.Subrahmanyam, Sr.Consultant
- 09:45 – 10:15 **Invited Talk: Role of Artificial Intelligence in e-Learning**  
K. Narayana Murthy, University of Hyderabad, Hyderabad
- 10:15 – 10:30 **Qualitative and Interactive Distance Learning through “VSAT”**  
Chirag V. Vyas, Brijesh Parikh, Ratna V. Vyas, SMU, Bhavnagar  
G.D. Acharya, Sir BPTI, Bhavnagar
- 10:30 – 10:45 **Architecture for Secure Distance Education through Virtual Learning**  
Shashikant Chaudhari, Kavitha.A, S.D. Sudarsan, BEL Bangalore
- 10:45 – 11:00 **TEA BREAK**
- 11:00 – 13:00** **Session V: Case Studies**  
**Chair: P.N.Gupta, ED, DOEACC**
- 11:00 – 11:30 **Invited Talk: Synchronous “Learning at a Distance” using Satellite Video Conferencing – IIT Bombay’s Experience**  
Mohan U. Deshpande, IIT Bombay
- 11:30 – 12:00 **Invited Talk: An Indic Metalearning-cum-Superlearning Model for the 21st Century: Content Development for e-Learning**  
Prem Saran, Government of Assam
- 12:00 – 12:20 **Multimodal Digital Distance Education – The JU Model**  
T.K.Ghoshal, K.Datta, S.Bhattacharya, Jadavpur University
- 12:20 – 12:40 **Implementation of Non-linearity and Interactivity in e-Learning**  
A.Vidya Sagar, Avantel Softech Ltd, Hyderabad
- 12:40 – 13:00 **e-Learning Functionalities: From Components to Services**  
Rajshekhar AP, K. Sarath Babu, G.Radha, C-DAC Hyderabad
- 13:00 – 14:00 **LUNCH BREAK**
- 14:00 – 15:45** **Session VI: Quality Assurance, Standards and Open Source Solutions**  
**Chair: V.B. Taneja, Director Media Lab Asia & Sr. Director DIT**
- 14:00 – 14:30 **Invited Talk: Brihaspati - An Open Source, Freeware e-Learning Platform**  
Y.N Singh, IIT Kanpur
- 14:30 – 15:00 **Invited Talk: Quality Assurance Framework for e-Learning**  
N. Sarat Chandra Babu, C-DAC Hyderabad
- 15:00 – 15:15 **Quality Measures in Design & Development of e-Learning Content**  
Suneet Kheterpal, C-DAC Mohali
- 15:15 – 15:30 **Experiences of SCORM Implementation Process in Cyber Security Course Content**  
Rajshekhar AP, G.Radha, N.Sarat Chandra Babu, Rajesh R.Nair  
C-DAC Hyderabad
- 15:30 – 15:45 **Quality Perspectives in e-Learning for Indian domain**  
Y.V. Subrahmanyam, Danlaw Technologies India Limited, Hyderabad
- 15:45 – 16:00 **TEA BREAK**

16:00 – 17:30

**Panel Discussion: e-Learning Vision 2010 for India - Steps to Transform the Vision to Reality**

**Chair: S.C.Sahasrabudhe, DA-IICT, Gandhinagar**

**Members:**

S.Ramakrishnan, C-DAC

K.C. Reddy, AP State Higher Education

V.Ranga Rao, JNTU

Kartik, 24x7 learning

P.N.Gupta, DOEACC

George Pereira, C-DAC Thiruvananthapuram

N. Sridhar, Sankhya Infotech

17:30 – 18:00

**RATIOCINATION**

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## Keynote Speakers

S.P.Mudur

Concordia University, Canada

K.R.Srivathsan

IITM Kerala

## Invited Speakers

Kalyankumar Datta

Jadavpur University

Mangala Sunder Krishnan

IIT Madras

Zia Saquib

C-DAC Pune

A.S. Rao

DSIR

K. Narayana Murthy

University of Hyderabad

Mohan U. Deshpande

IIT Bombay

Madhuri Dubey

Cordys R&D India Ltd

Prem Saran

Government of Assam

Y.N. Singh

IIT Kanpur

N. Sarat Chandra Babu

C-DAC Hyderabad

## Chairs

A. K. Ray

IIT Kharagpur

Subbarao Ghanta

Institute for Electronic Governance

L.Subramani

Deccan Herald

J.S.R.Subrahmanyam

ICT Consultant

P.N.Gupta

DOEACC

V.B. Taneja

Media Lab Asia

S.C.Sahasrabudhe

DA-IICT

Recognizing the immense potential of the e-Learning Technologies, C-DAC Hyderabad, Media Lab Asia, DOEACC, and JNTU in association with Department of Information Technology & DSIR Government of India are organizing a 2-day National Seminar on “e-Learning and e-Learning Technologies (ELELTECH India-2005) during **August 8-9, 2005**.

This National Seminar is being organized with an objective to share the experience of Indian e-Learning community, including developers, implementers and users to as to enable us to plan a future strategies and road map in e-Learning for our country, keeping in view the issues of content, local languages, security, bandwidth, standards etc.

The Seminar will focus on various issues required to be addressed in implementing online learning tracks. It would also suggest the best possible solutions and the focus areas where we need to concentrate our energies. Focused sessions will discuss – technology, products, content, deployment methodologies, open source and open courseware, standards, quality assurance mechanisms, caring for multi-lingual and multi-cultural diversity, mobile learning, security issues, local issues.

An EXHIBITION featuring innovative solutions and valuable technologies for ICT based learning environments providing a golden opportunity to the organizations to display their e-Learning technologies, products, methodologies, courseware etc. Interested exhibitors may contact [gvenkatesh@cdac.in](mailto:gvenkatesh@cdac.in).

ELELCTECH INDIA 2005 will be of great interest to policy makers, managers, administrators, librarians, faculty, content developers, multi-media experts and learning community who want to – interact with technology experts; introduce and promote e-Learning in their institutions or organizations; develop e-Learning related skills; develop course material for e-Learning courses; and gain learning experience.

**Registration:** Interested participants are required to register for the Seminar. Participants from academic institutions and government organizations are expected to pay Rs.2,500/- per person and participants from industry are required to pay Rs.4,000/- through DD/Cheque drawn on any Nationalized bank in favour of ‘C-DAC, Hyderabad’ payable at ‘Hyderabad’. Outstation cheques will not be accepted. Registration fee should reach us by August 5, 2005 or spot registration can be done. For registration details please visit our website : [www.cdac.in](http://www.cdac.in)

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Ministry of Communications & Information Technology  
Government of India



सत्यमेव जयते

Department of Scientific and Industrial Research  
Government of India



Jawaharlal Nehru Technological University  
Hyderabad

Media Lab Asia



DOEACC



Government of Andhra Pradesh



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