

International Conference on Asia-Pacific Digital Libraries



ICADL 2013

December 9-11, 2013
Le Méridien, Bangalore

Social Media and Community Networks

CONFERENCE PROGRAM

GUIDE



University of Mysore
Mysore

Organizers



International School of
Information Management

Welcome



Dear Participant,

Greetings!

Welcome to the 15th edition of ICADL (International Conference of Asia-Pacific Digital Libraries)!

ICADL conference series, which began in 1998, has been rotating among the Asia-Pacific countries — Hong Kong, Taiwan, Korea, India, Singapore, Malaysia, China, Thailand, Japan, Vietnam, Indonesia and Australia and has become one of the premier meetings in digital libraries.

The big three Digital Library conference series:

Following its birth in the mid 1990s, the digital library movement has spread and spawned three significant and vibrant international conference series--the Joint Conference on Digital Libraries (JCDL, <http://www.jcdl.org>) in the US, the European Conference on Digital Libraries, now renamed the Theory and Practice of Digital Libraries (TPDL, <http://www.tpd.eu/>) and the International Conference on Asian Digital Libraries (ICADL, <http://www.icadl.org>). The three conferences help create stimulating and collegial forums for reporting significant digital library research and development activities.

Digital libraries: a conceptualization

Since its birth in the early 1990s, the field of digital libraries (DL) has evolved and changed its focus and contour from digital repositories to dynamic spaces for user engagement. The field has developed and matured significantly since the early successes of the National Science Foundation (NSF), U.S. digital library programs, Digital Library Initiative-1 (DLI-1), Digital Library Initiative-2 (DLI-2) (http://www.nsf.gov/news/special_reports/cyber/digitallibraries.jsp). The first six major projects funded by the NSF set in motion the popular conceptions of digital libraries. The success stories of the first decade of DL research include the "Google" which is a spin off of the research projects at the Stanford University database group, one of the six DLI projects. Some believe that these six projects though exciting and very successful, were essentially experiments, and did not really resemble libraries. At the end of the first decade of the domain, there were still concerns about the differing disciplinary perspectives on DL and developing a comprehensive definition that encapsulates the richness of the differing perspectives was felt and led to the DELOS manifesto (2007), which laid the framework for a more comprehensive envisioning of a Digital Library as a tool at the centre of intellectual activity having no logical, conceptual, physical, temporal or personal borders or barriers on information (<http://www.dlib.org/dlib/march07/castelli/03castelli.html>).

Over the years, the notion of DL has moved from a content-centric system that simply organizes and provides access to particular collections of data and information, to a person-centric system that aims to provide interesting, novel, personalized experiences to users. This new vision of digital library corresponds to the notion of dynamic information spaces inhabited by connected communities and bound by best practices of user interactions and experiences.

Social Media and Community Networks

One of the challenges that digital libraries faced since inception is the often asked question "if we build it, will they come?" The big challenge is to provide a platform for engagement and conversation. Social media offers a platform and enormous opportunities for user engagement. Since its emergence in 2004, social media has become not just a rage but also an integral part of our daily lives and professional activities. Organizations -- academic, government, and corporate, are increasingly veering towards social media for not only reaching out to but also to engage with their customers and other stakeholders. Libraries are no exceptions and libraries across the world are using social media to promote services, highlight resources, integrate access, and to listen to the voices of their users. Libraries — the traditional agencies for building local communities of practice, are finding new ways to build virtual communities with the help of the social media and its tools.

The power of the social media if deployed strategically and tactically, will help digital libraries to move beyond collections and information retrieval systems to be the ultimate democratic information spaces built on the principles of co creation and crowdsourcing. Social media for building digital libraries is not just a leap of faith or a paradigm change, but essentially a broader epistemological shift.

ICADL 2013

The ICADL 2013 is supported by diverse group of organizations such as the Raman Research Institute; DRDO; Commonwealth Educational Media Centre for Asia; National Library of Singapore; National Institute of Library and Information Sciences, University of Colombo; Society for Information Sciences, Bangalore Chapter. Companies such as Informatics India, ProQuest, Emerald Publishing, Taylor and Francis and others are also partnering with ISiM in organizing this event.

This conference brings about 300 delegates from Australia to Brunei; from Sri Lanka to Thailand; from UK to USA to showcase, discuss their current research and practice in the domain of digital libraries. The ICADL 2013 proceedings is published by Springer. We had a total of eighty-seven submissions and after the due process of refereeing, fifteen full papers, six short papers, and ten poster presentations have been accepted and included in the volume.

The ICADL 2013 program that includes three tutorials, contributed paper presentations, talk-a-DL, IDLI@ICADL, International Workshop on global Collaboration of Information Schools (WiS 2013), Doctoral Student Consortium (DSC 2013), and InfoQuiz2013.

Enjoy the ICADL 2013!

Prof. Shalini Urs
Chair, ICADL 2013
Executive Director
International School of Information Management (ISiM)
University of Mysore.

Program Schedule



Monday, 09-12-2013

DAY 1

Tutorials

Registration Open: 8:30 to 5:30 PM			
Tutorial 1 9:30 to 11:00 AM	Tutorial 2 9:30 to 11:00 AM	Tutorial 3 9:30 to 11:00 AM	Workshop/Doctoral Student Consortium 9:30 to 11:00 AM
Data Mining with Weka By Dr. Ian H Witten Professor of Computer Science, University of Waikato	Text Mining by Dr. K V Sreeram Murthy CMD, Teqnum Consultancy Services, India	Social Network Analysis: Concepts and Practice by Dr. Srinath Srinivasa, IIIT, Bangalore, India	International Workshop on Global Collaboration of Information Schools (WiS 2013) & Doctoral Student Consortium (DSC 2013)
11.00 AM to 11.30 AM - Tea Break			
Data Mining with Weka By Dr. Ian H Witten Professor of Computer Science, University of Waikato	Text Mining by Dr. K V Sreeram Murthy CMD, Teqnum Consultancy Services, India	Social Network Analysis: Concepts and Practice By Dr. Srinath Srinivasa, IIIT, Bangalore, India	International Workshop on Global Collaboration of Information Schools (WiS 2013) & Doctoral Student Consortium (DSC 2013)
1.00 PM to 2.30 PM - Lunch Break			
Data Mining with Weka By Dr. Ian H Witten Professor of Computer Science, University of Waikato	Text Mining by Dr. K V Sreeram Murthy CMD, Teqnum Consultancy Services, India	Social Network Analysis: Concepts and Practice By Dr. Srinath Srinivasa, IIIT, Bangalore, India	International Workshop on Global Collaboration of Information Schools (WiS 2013) & Doctoral Student Consortium (DSC 2013)
<p>ICADL 2013 - Inaugural Ceremony 4:30 PM</p> <p>Inauguration by: His Excellency Dr. Hans Raj Bhardwaj Governor of Karnataka and Chancellor of Universities in Karnataka</p> <p>Launch of i-Scholar by Shri. H.K.Patil Honourable Minister for Rural Development and Panchayat Raj, Government of Karnataka</p> <p>Inaugural Keynote: Computational Education: The Next Frontier for Digital Libraries by Dr. Rakesh Agrawal Microsoft Technical Fellow, USA</p> <p>Prof. K.S.Rangappa Honourable Vice Chancellor, University of Mysore Presides</p>			
Inaugural Dinner 7:00 PM to 10:00 PM			

Program Schedule



Tuesday, 10-12-2013

DAY 2

Main Conference

8.30 AM to 9.30 AM Registrations		
Plenary Keynote 1 and 2 from 9:30 AM to 11:00 AM		
9:30 AM to 11:00 AM	Plenary Talk 1 "From Crowd-Sourcing to Concept Mining" by Dr. Ian H Witten, Professor of Computer Science, University of Waikato Plenary Talk 2 "Digital Library of India - current status" by Dr. N Balakrishnan, Associate Director, Indian Institute of Science, Bangalore, India Chair: Prof. Sharma Chakravathy, The University of Texas at Arlington	
11.00 AM to 11.30 AM - Tea Break		
Technical Session 1 from 11:30 AM to 12:45 PM		
Time / Track	Track A	Track B
11:30 AM to 12:00 PM	Information Retrieval (1)- F Manhattan Based Hybrid Semantic Similarity Algorithm for Geospatial Ontologies - K. Saruladha, E. Thirumagal, J. Arthi, and G. Aghila Chair: Gobinda G. Chowdhury, Northumbria University, UK	Analysing Social Media and Social Networks (1) -F The Common Man: An Examination of Content Creation and Information Dissemination on Twitter during the 2012 New Delhi Gang-Rape Protest - Saifuddin Ahmed and Kokil Jaidka Chair: Dr. Srinath Srinivasa, IIIT, Bangalore, India
12:00PM to 12:30 PM	Information Retrieval (2)-F Bridging the Gap - Using External Knowledge Bases for Context-Aware Document Retrieval - Benjamin Köhncke, Patrick Siehdnel, and Wolf-Tilo Balke Chair: Gobinda G. Chowdhury, Northumbria University, UK	Analysing Social Media and Social Networks (2) -F Influence Diffusion Detection Using Blogger's Influence Style - Luke Kien-Weng Tan, Jin-Cheon Na, and Yin-Leng Theng Chair: Dr. Srinath Srinivasa, IIIT, Bangalore, India
12:30 PM to 12:45 PM	Information Retrieval (3)-S TrierR: Indexing and Retrieval Engine for Kannada Unicode Text - Sumant Kulkarni and Srinath Srinivasa Chair: Gobinda G. Chowdhury, Northumbria University, UK	Analysing Social Media and Social Networks (3) -S Social Media as Online Information Grounds: A Preliminary Conceptual Framework - Bhuva Narayan, Bazilah A Talip, Jason Watson, and Sylvia Edwards Chair: Dr. Srinath Srinivasa, IIIT, Bangalore, India
12:45 PM to 2:15 PM - Lunch Break		
Technical Session 2 from 2:15 PM to 3:15 PM		
2:15 PM to 2:45 PM	Social Architecture for Digital Libraries and Information Policy (1) –F Social Sustainability of Digital Libraries: a Research Framework - Gobinda G. Chowdhury Chair: Bhuva Narayan, Queensland University of Technology, Australia	Data Mining for Digital Libraries (1) -F A Cluster-based Incremental Recommendation Algorithm on Stream Processing Architecture - Yuqi Wang, Yin Zhang, Yanfei Yin, Deng Yi, and Baogang Wei Chair: Hidetsugu Nanba, Hiroshima City University, Japan
2:45 PM to 3:15 PM	Social Architecture for Digital Libraries and Information Policy (2) –F Technological Devices in the Archives: A Policy Analysis - Ciaran B. Trace and Unmil P. Karadkar Chair: Bhuva Narayan, Queensland University of Technology, Australia	Data Mining for Digital Libraries (2) -F Large-Scale Experiments for Mathematical Document Classification - Simon Barthel, Sascha Tönnies, and Wolf-Tilo Balke Chair: Hidetsugu Nanba, Hiroshima City University, Japan
3:15 PM to 3:45 PM - Tea Break		
3:45 PM to 5:15 PM	Panel Discussion on "Scholarship goes Social : Bridging the Divide" Chair: P Balam, Director, Indian Institute of Science • Dr. Ram Ramaswamy, Vice Chancellor, University of Hyderabad • Dr. Ranganath, Former Director of NAAC • Dr. Gururaj Karajagi, founder-Chairman of Academy for Creative Teaching • Mr. Jayakumar K, Vice Chancellor, Malayalam University	
5:15 PM to 6:15 PM	Infoquiz 2013	
6:15 PM to 6:45 PM	Talk by Proquest	
6:45 PM to 7:15 PM	Cultural Program: Flute recital by Kumari V. Varijashree	
7:15 PM to 9:30 PM	Dinner (Proquest)	

Program Schedule



Wednesday, 11-12-2013

DAY 3

Main Conference

Plenary Key Note 1 and 2 from 9:30 AM to 11:00 AM		
9:30 AM to 11:00 AM	<p>Plenary Talk 3: "Health Big Data Analytics: Clinical Decision Support and Patient Empowerment" by Dr.Hsinchun Chen, Thomas R. Brown Chair Professor of Management and Technology; Director, Artificial Intelligence Lab, University of Arizona</p> <p>Plenary Talk 4: "Digital Library: The National Library Board of Singapore's Experience" by Ms.Ngian Lek Choh, Deputy Chief Executive, National Library, Archives and Collections, National Library Board, Singapore</p> <p>Chair: Dr.Shigeo Sugimoto, University of Tsukuba, Japan</p>	
11:00 AM to 11:30 AM - Tea Break		
Technical Session 3 from 11:30 AM to 1:15 PM		
Time / Track	Track A	Track B
11:30 AM to 12:00 PM	<p>DL Applications and Systems (1)- F A New Plug-in System Supporting Very Large Digital Library - Jin Wang, Yong Zhang, Yang Gao, and Chunxiao Xing Chair: Unmil Karadkar, University of Texas at Austin, USA</p>	<p>Metadata and Information Extraction (1) -F RefConcile – Automated Online Reconciliation of Bibliographic References - Guido Sautter, Klemens Böhm, and David King Chair: Shigeo Sugimoto, University of Tsukuba, Japan</p>
12:00 PM to 12:30 PM	<p>DL Applications and Systems (2)-F SRec: an Automatic Slide Capturing and Sharing System - Zhenkun Zhou, Weiming Lu, and Wenjia An Chair: Unmil Karadkar, University of Texas at Austin, USA</p>	<p>Metadata and Information Extraction (2) –S The metadata schema design and utility architecture for Thai Lanna inscription collection - Churee Techawut, Papangkorn Inkeaw, Jeerayut Chaijaruwanich, and Trongjai Hutangkura Metadata and Information Extraction (3) –S Automatic Extraction of Event Information from Newspaper Articles and Web Pages - Hidetsugu Nanba, Ryuta Saito, Aya Ishino, and Toshiyuki Takezawa Chair: Shigeo Sugimoto, University of Tsukuba, Japan</p>
12:30 PM to 1:15 PM	<p>DL Applications and Systems (3)-F Analyzing Trust-based Mixing Patterns in Signed Networks - Amit Singh Rathore, Mandar R. Mutalikdesai, and Sanket Patil Chair: Unmil Karadkar, University of Texas at Austin, USA</p>	<p>Mobile Devices and Services (1) –F Playing Human Computation Games for Mobile Information Sharing: The Influence of Personality and Perceived Information Quality - Ei Pa Pa Pe-Than, Dion Hoe-Lian Goh, and Chei Sian Lee</p> <p>Mobile Devices and Services (2) –S Use of Short Message Service (SMS) to maximize the library usage: A Tale of two libraries - John Paul Anbu, K. and Sridevi Jetty Chair: Somaya Al-maadeed, Qatar University, Doha</p>
1:15 PM to 2:45 PM - Lunch Break and Talk-a-DL Talks		
Technical Session 4 from 2:45 PM to 4:00 PM		
2:45 PM to 3:15 PM	<p>Collaboration and Communities (1)-F Ranking Vicarious Learners in Research Collaboration Networks - Andrea Tagarelli and Roberto Interdonato Chair: Mandar R. Mutalikdesai, University of Mysore</p>	<p>Panel discussion on Asian Digital Library Initiatives</p> <ul style="list-style-type: none">• "Going Global in Mughal India: A Digital Muraqqa" by Prof.Sumathi Ramaswamy, Duke University, USA• "The challenges of managing digital library in Brunei Darussalam" by Dr. Dr Hj Suhaimi bin Hj Abd Karim <p>Chair: Hsueh hua Chen, National Taiwan University, Taipei, Taiwan</p>
3:15 PM to 3:45 PM	<p>Collaboration and Communities (2)-F An Architecture for Community-based Curation and Presentation of Complex Digital Objects - Klaus Rechert, Dragan Espenschied, Isgandar Valizada, Thomas Liebetraut, Nick Russler, and Dirk von Suchodoletz Chair: Mandar R. Mutalikdesai, University of Mysore</p>	<p>Indian Digital Library Initiatives (IDLI)</p> <ul style="list-style-type: none">• University of Mysore, Mysore• ICAST, NAL, Bangalore• Raman Research Institute, Bangalore• Indian Institute of Technology, Mumbai• NIC, New Delhi• Indian Academy of Science• CFTRI, Mysore
3:45 PM to 4:00 PM	<p>Collaboration and Communities (3)-S Migrating Researcher from Local to Global: Using ORCID to Develop the TLIS VIVO with CLISA and Scopus - Chao-Chen Chen, Mike W. Ko, and Vincent Tsung-Yeh Lee Chair: Mandar R. Mutalikdesai, University of Mysore</p>	
4:00 PM to 4:30 PM - Tea Break		
4:30 PM to 5:00 PM	Poster	
5:00 PM to 6:00 PM	<p>Valedictory Ceremony Dr.P Y Rajendrakumar, Director General, National Library of India, Kolkata</p>	

Keynote speakers



Dr. Ian Witten



Dr. Ian Witten is a professor of computer science at the University of Waikato in New Zealand. He directs the New Zealand Digital Library research project. His research interests include information retrieval, machine learning, text compression, and programming by demonstration. He received an MA in Mathematics from Cambridge University, England; an MSc in Computer Science from the University of Calgary, Canada; and a PhD in Electrical Engineering from Essex University, England.

Dr. Witten is a fellow of the ACM and of the Royal Society of New Zealand. He has published widely on digital libraries, machine learning, text compression, hypertext, speech synthesis and signal processing, and computer typography. He has written several books, including *The Reactive Keyboard* (1992) (Cambridge Series in Human Computer Interaction); *Managing Gigabytes* (1999); *Data Mining* (2000); "How to build a digital library" (2002); "Web Dragons" (2006) all from Morgan Kaufmann.

Prof. Witten led the team that developed the two open source software suites: Weka-the Data mining software in Java and the Greenstone digital library software.

Dr. Sreerama Murthy



Dr. K.V. Sreerama Murthy is the Chairman and Managing Director of Teqnum Consultancy Services, India.

Dr. Sreerama Murthy received his Bachelor's degree in Engineering in Computer Science from National Institute of Technology, Allahabad (formerly REC), Masters in Computer Science and Engineering from Indian Institute of Technology, Chennai, and Ph.D. in Computer Science from the Johns Hopkins University, Baltimore.

Prior to his present role, he has served for the Westinghouse Electric Power Corporation, Pittsburgh; Centre for Development of Advanced Computing, Mumbai (formerly NCST); Siemens Corporate Research, Princeton; and IBM India Research Lab, Delhi; and as Founding Managing Director of Globarena Web Technologies Private Limited.

Dr. Sreerama Murthy's research areas comprises artificial intelligence, data mining, image understanding, and content security. Dr. Murthy applied for over a dozen US patents (7 issued) and plenty of national and international publications.

Keynote speakers



Dr. Srinath Srinivasa



Dr.Srinath Srinivasa is serving as Associate Professor at International Institute of Information Technology. He holds an MS from IIT-Madras and a Ph.D. in information systems from the Berlin-Brandenburg Graduate School for Distributed Information Systems, (GkVI) Germany. He works in the broad areas of web information retrieval, multi-agent systems, network analysis and text mining.

Dr.Srinivasa has served and continues to serve as a technical reviewer for various journals like the VLDB journal, and IEEE TKDE. Dr.Srinath has accomplished several research activities in the field of data centric networking, graph data management, semantics extraction and so on. He is a member of various technical and organizational committees for international conferences. He is also a member of the IEEE Executive Committee for Bangalore, a member of ACM and a life member of the Computer Society of India (CSI). He is also a recipient of various national and international grants for his research activities.

Dr.Rakesh Agrawal



Dr.Rakesh Agrawal is a Microsoft Technical Fellow at the MSR Search Labs, notable for developing fundamental data mining concepts and technologies and also exploring key concepts in data privacy.

Dr.Agarwal received his M.S. and Ph.D. degrees in Computer Science from the University of Wisconsin-Madison. Dr.Agarwal possesses B.E. degree in Electronics and Communication Engineering from IIT-Roorkee, and a Post Graduate Diploma in Industrial Engineering from the National Institute of Industrial Engineering (NITIE), Bombay. Prior to joining Microsoft, Mr.Rakesh was an IBM Fellow and led the Quest group at the IBM Almaden Research Center. Earlier, he has worked with the Bell Laboratories, Murray Hill. He also worked for 3 years at India's premier company, the Bharat Heavy Electricals Ltd.

His successes include: IBM's commercial data mining product, Intelligent Miner that grew from his work. His research has been incorporated into other IBM products, including DB2 Mining Extender, DB2 OLAP Server and WebSphere Commerce Server, and has influenced several other commercial and academic products, prototypes and applications.

Keynote speakers



Dr.N Balakrishnan



Dr.N.Balakrishnan is presently the Associate Director of the Indian Institute of Science and a Professor at the Department of Aerospace Engineering and at the Supercomputer Education and Research Centre at Indian Institute of Science. He possesses his B.E. degree in Electronics and Communication from the University of Madras and Ph.D. from the Indian Institute of Science. Prior to his current post he had joined the Department of Aerospace Engineering as an Assistant Professor.

His successes include: over 200 publications in the international journals and international conferences, including Numerical Electromagnetics, High Performance Computing and Networks, Polarimetric Radars and Aerospace Electronic Systems, Information Security, Digital Library and Speech processing. He has acquired several awards including the Padmashree, Homi J. Bhabha Award, JC Bose National Fellowship and many more.

Adding to his credits, Prof.N.Balakrishnan is an Honorary Professor in Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR). Additionally, he is the National Coordinator of the Indo-French Cyber University and Indo-US Digital Library Projects.

Dr. Hsinchun Chen



Dr.Hsinchun Chen is Regents' Professor and Thomas R. Brown Chair of Management and Technology at the University of Arizona. He possesses a B.S. degree from National Chiao Tung University in Taiwan, an MBA from SUNY Buffalo and an M.S. and Ph.D. in Information Systems from New York University.

Dr.Chen's research primarily focuses on data/web/text mining and knowledge management techniques. He has contributed his work in the fields of web computing, search engines, digital libraries, security informatics, biomedical informatics and business intelligence. His eminent contributions are in management information systems, digital libraries, and security informatics.

He is the Editor-in-Chief (EIC) of the ACM Transactions on Management Information Systems (ACM TMIS) and of the Springer journal Security Informatics. Dr.Chen has also served as a Scientific Counselor/Advisor to the United States National Library of Medicine (NLM), Academia Sinica in Taiwan, and the National Library of China.

Dr. Chen has authored 20 books, 25 book chapters, 250 SCI journal articles, and 140 refereed conference articles. His recent books include: Dark Web; Sports Data Mining; Infectious Disease Informatics.

Keynote speakers



Dr. Ngian Lek Choh



Ms.Ngian is the Deputy Chief Executive of the National Library Board, Singapore. She oversees the development of the National Library, National Archives and Collections.

In this age where Internet search engines and handheld devices are so pervasive strongly, libraries must innovate continually to remain relevant to its users. She was instrumental in transforming the National Library from a traditional library to one that is more accessible through the internet and mobile devices.

As deputy CEO in charge of the National Library, she has worked with the teams on identifying synergies between the National Library and the National Archives.

Ms.Ngian considers that a lot more can be done to bring library and archives resources into the hands of the end users in new ways never possible before. Today's users can access information from anywhere anytime. She says that this is a golden age for libraries and archives to leverage on new user habits and new technologies to innovate and to provide the best possible services we can for our users.

Dr.P Balaram



Dr.Balaram received his Bachelor's degree in Chemistry from Fergusson College, University of Pune followed by a Master's degree from the Indian Institute of Technology, Kanpur and his PhD degree from Carnegie Mellon University with Aksel A. Bothner-By. After a postdoctoral stint at Harvard University with Nobel laureate Robert Burns Woodward, he returned to the Indian Institute of Science where he has been ever since as a faculty member in the Molecular Biophysics Unit.

Broadly using techniques such as Nuclear Magnetic Resonance spectroscopy, Infrared spectroscopy, and Circular Dichroism, along with X-ray crystallography for his research Dr.Balaram has perfected his areas of research in the investigation of structure, conformation, and biological activity of designed and natural peptides. He has contributed in abundance to the evaluation of factors influencing the folding and conformations of designed peptides. He has been a major contributor to the evaluation of factors influencing the folding and conformations of designed peptides, and has investigated structural elements playing a key role in the formation of secondary structural motifs such as helices, beta turns, and sheets.

Dr.Balaram has authored more than 400 research papers, and is a fellow of the Indian National Science Academy.

Dr. Balaram has editorship/editorial board membership of several national and international journals.

Keynote speakers



Dr. Ram Ramaswamy



Professor Ram Ramaswamy initially trained as a chemist, earned his Ph.D. from Princeton University, an M.Sc. from the Indian Institute of Technology, Kanpur, and a B.Sc. from Loyola College, Chennai.

Dr. Ramaswamy has been the Vice Chancellor of the University of Hyderabad since June 2011. He has previously taught at the Jawaharlal Nehru University, New Delhi, in the School of Physical Sciences, and in the Centre for Computational Biology and Bioinformatics. Prior to this, Prof. Ram has worked at the Tata Institute of Fundamental Research in Mumbai.

Dr. Ram Ramaswamy has served on the editorial boards of a number of journals, especially *Pramana* where he is currently the Associate Editor. He has published about 150 articles that have appeared in peer-reviewed journals and books. He has organized several national and international conferences, notably the series of Perspectives in Nonlinear Dynamics. He was elected to the Fellowship of the Indian Academy of Science Bangalore in 1993. He has been an Associate and Senior Associate of the International Center for Theoretical Physics, Trieste, and an International Fellow of the Santa Fe Institute.

Prof. Ranganath



Prof. Ranganath is the former Director of National Assessment and Accreditation Council (NAAC), an autonomous institution of the UGC. For over three decades, Prof. Ranganath has served the University of Mysore. Prof. Ranganath has also served as the Vice-Chancellor at Bangalore University.

He has contributed in the area of Genetics and Evolution particularly with reference to "Hybridization, transgressive segregation and evolution of new genetic systems in *Drosophila*". His successes include many published papers in highly reputed Journals such as *Cell Genetics*, *Genes and Genomics*, *Genome*, *Chromosoma*, *Genetica*, *Cytologia*, *Naturwissenschaften*, *Experientia*, *Evolutionary research*, *Journal of Heredity*, *INSA*, *Journal of Genetics*, *Journal of Bioscience*, *Current Science*, *Entomon*, *J. Cytology* and many more.

He is the elected Fellow of eminent Science Academies of our country, such as: the Indian academy of Sciences, National Academy of Sciences, Indian National Science Academy (FNA), and Foundation Fellow of Entomology Academy of India (FEAI).

Keynote speakers



Dr. Gururaj Karajagi



Dr. Gururaj Karjagi is the founder-Chairman of Academy for Creative Teaching (ACT).

Dr. Karajagi is a devoted educationist who has spent more than three decades teaching and establishing outstanding institutions that reflect the highest principles of educational philosophy and human values. Prior to his present role he has also served as Academic Director and Principal at Jain International Residential School, Bangalore.

Dr. Karajagi, a doctoral degree holder from Karnataka University, has published over 22 research papers in International journals. He is a life Fellow of the Electrochemical Society of India. He is also a serving member of the State Resource Group (SRG) for the implementation of Total Quality Management (TQM) and NAAC accreditation, in the colleges of Karnataka. He was also the founder Director of the International Academy for Creative Teaching, Bangalore.

Mr. Jayakumar K



Mr. Jayakumar who is currently serving as the Vice-Chancellor of the Malayalam University is a senior Indian Administrative Service (IAS) officer from Kerala who retired as the Chief Secretary, Government of Kerala. Mr. Jayakumar is also a popular Malayali poet, lyricist, and scriptwriter.

In the course of his career Mr. Jayakumar held important bureaucratic positions at various levels in the Government of Kerala and India, including District Collector, Kozhikode; Director of Tourism Department, Government of Kerala; Director of Public Instructions (DPI), Kerala; Joint Secretary, Ministry of Tourism & Culture, Government of India; Agriculture Production Commissioner, Agriculture Production Department, Government of Kerala. Previously, he has served as the Chief Secretary, Government of Kerala.

Mr. Jayakumar was honored by presenting the first K.P.S. Menon Memorial Award in recognition to his distinguished service as a bureaucrat. After his retirement as the Chief Secretary, Mr. Jayakumar was appointed as the first Vice-Chancellor of Malayalam University.

Academic Partners



Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi operates as a regional media service of Commonwealth of Learning (COL), Canada. The Commonwealth of Learning has established CEMCA in the year 1994. COL and its international network of partner organisations have helped the Commonwealth's 53 member nations and their citizens realise widespread access to quality, current education and training for over fifteen years.

CEMCA functions through networking and information transfer. An advisory Council comprised of representatives from major open learning institutions in the region guides CEMCA for broad policy formulation, monitoring and evaluation. CEMCA's services are available to all developmental and educational institutions and agencies in Commonwealth Asia.

COL's strategic plan includes a number of key activities in the area of communications and information technologies, which are central to the CEMCA's core mandate and objective.

Some of the strategic objective of CEMCA are :To serve as a regional electronic media resource centre; To facilitate an effective exchange of information on educational media resources between educational and media organisations in the region; To promote greater use of electronic media in the delivery of distance education programmes; To serve as an information centre on educational technology.



In 1934, Maharajah of Mysore gifted Sir C V Raman 11 acres of land in the north side of Bangalore. Raman proposed to build an independent research institute and it was named after its founder Raman Research Institute established in 1948.

Even with the lack of electricity, great scientific work was carried out during the first 2 years using simple instruments. The institute kept expanding with a new library, a few other buildings and a museum holding Raman's personal collection of gems, crystals and minerals. Until his death in November 1970, Raman worked tirelessly for the development and growth of the Raman Research Institute.

In 1972, the institute started receiving funds from the Department of Science and Technology of the Government. Venkatraman Radhakrishnan became the Director of RRI. A renowned scientist himself, Radhakrishnan fulfilled CV Raman's desire to build an observatory at RRI and formed a strong group in Astronomy and Astrophysics whose research work today is regarded highly worldwide. In mid 90s, the two main areas of research were Liquid Crystals and Astronomy and Astrophysics. Two new groups Theoretical Physics and Light and Matter Physics were also established. The Liquid Crystal group was renamed Soft Condensed Matter which conveys more accurately the diverse research activities of its members.

Today, RRI research faculty, scientific staff and students conduct active research in the above mentioned four scientific fields inspired by the example of the founder Sir CV Raman.

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ProQuest connects people with vetted, reliable information. Key to serious research, the company has forged a 75-year reputation as a gateway to the world's knowledge from dissertations to governmental and cultural archives to news, in all its forms. Its role is essential to libraries and other organizations whose missions depend on the delivery of complete, trustworthy information.

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Partners



Informatics, a pioneering information company was promoted three decades ago with a vision to be the passage to knowledge with scholarly and research content being the prime focus. Headquartered in Bangalore, the silicon valley of India, Informatics has come a long way in promoting e-information usage culture in the academic and corporate world. Informatics is establishing under the leadership of Mr. N V Sathyanarayana Chairman & Managing Director.

In 1984, Informatics introduced global databases to Indian universities through Telex. Further, Informatics commitment to provide affordable and cutting edge information products and services has endeared the group to the Indian research community and as such catalyzed the development of products such as J-Gate, the largest e-Journal portal; India Business Insight Database (IBID) a product which offers rich insight into development in Indian business and industry from both local and global perspective. The core competencies of Informatics are structured across three distinct groups namely Content Development and Publishing Services; Marketing and Distribution Services for global content; and Product Development Group. Informatics is growing with more than 70+ editors and web researchers. i-Scholar, a digital library for Indian and global journals from the stable of informatics is being launched at ICADL2013.



The Department of Information Technology (DIT) has been renamed as the Department of Electronics and IT (DEITY) to reflect the increasing focus of the government on the electronics sector.

Recently, the Cabinet Secretariat amended the Government of India (Allocation of Business) Rules 1961 and renamed the DIT as DEITY and 'Electroniki aur Soochana Praudyogiki Vibhag' in Hindi, an official statement in April 2012.

The Vision of the Department is to make the e-Development of India as the engine for transition into a developed nation and an empowered society and the mission of the Department is to help e-Development of India through multi pronged strategy of e-Infrastructure creation to facilitate and promote e-governance, promotion of Electronics & Information Technology-Information Technology Enabled Services (IT-ITeS) Industry, providing support for creation of Innovation / Research & Development (R&D), building Knowledge network and securing India's cyber space.

The Objective of the Department of Electronics and Information Technology e-Government is to providing e-infrastructure for delivery of e-services.

Organizers



University of Mysore
Mysore

Established in 1916, University of Mysore is the 6th oldest in India and first in a princely state. Established by the Maharaja of Mysore, His Highness Nalvadi Krishnaraja Wodeyar, the University has gone through different phases of development. Starting primarily with undergraduate programmes in arts and sciences, the University added the engineering faculty in 1917; the Masters in Arts in 1918; Masters in Science in 1919; and the faculty of Medicine in 1924, thus laying a firm foundation for the multi-faculty character of the university.

Today the University has 42 Postgraduate Departments at the Main Campus, Manasagangotri, 2 Postgraduate Centres, with 5 Postgraduate Departments each and one Satellite Centre at Chamarajanagar with 3 Postgraduate Departments. Currently providing higher education to about 85 lakh students of which about 1400 are from 50 different countries of the world pursuing higher studies in this University.

Government of India has considered the University of Mysore as 'Institution of Excellence' and has awarded special grant of Rs.100 Crores for establishing Centre of Excellence in "Biodiversity, Bioprospecting and Sustainable Development" and also to strengthen infrastructural facilities in the University. With the heritage that the University enjoys, and the committed faculty and Staff it has, the University of Mysore has striven to move forward to maintain high standards in teaching, learning and research and accomplish excellence in higher education.



International School of
Information Management

ISiM is a new age school for the knowledge society. Committed to prepare the information professionals of tomorrow, it trains professionals to design, develop, implement, manage, and evaluate information systems in a wide range of environments in the global context. Blazing a new trail, this multi disciplinary institute offers a Global Masters Programme in association with universities abroad.

The M.Tech in Information Systems and Management is an innovative academic programme to launch careers in information management in diverse organizational settings - corporate, government, academic and others. ISiM also offers Corporate Training / Executive Management Training Programmes and Doctoral Degree programme in the field of Information Systems and Management.

ISiM - a Ford Foundation Funded Initiative is pioneering the I-School movement in India in partnership with leading I-Schools in the US - the School of Information Sciences, University of Pittsburgh, School of Information Studies, Syracuse University and the Dalhousie University, Halifax, Canada and International Institute of Information Technology, Bangalore and Informatics India, Bangalore is its industry partner.

ISiM is an autonomous institute of the University of Mysore with world class facilities, including international faculty drawn from partner institutions in India and abroad and internships and placements in leading information industries.

Academic Partners



Corporate Partners



International School of Information Management

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