

3rd IEEE International Conference on

RECENT ADVANCES IN INFORMATION TECHNOLOGY



03-05 March 2016

INFORMATION

Organized by



Department of Computer Science & Engineering
Indian School of Mines (ISM)
Dhanbad - 826004, Jharkhand
(INDIA)

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About ISM

Indian School of Mines (ISM) was set up by Government of India and formally inaugurated by the Viceroy Lord Irvin on 9th December 1926 on the model of Royal School of Mines, London. ISM was granted autonomy and become a Deemed University under UGC Act, 1956. In 1996, the Institute came under financial and administrative control of MHRD, Govt. of India. In the year 1997, ISM was affiliated to the IIT JEE for admission to its B.Tech programmes. ISM is situated in the heart of the country's prime coking coal belt, has a fully residential campus of its own consisting of a graceful blend of old world and new style buildings. The school today is making foray into the newer areas of academic endeavors in tune with the changing times. The school is located at a distance of 3 km from Dhanbad Railway Station. Dhanbad is well connected by railways with other important cities of the country like Chennai, Delhi, Kolkata, Mumbai etc. The nearest airports are Kolkata (250 km) and Ranchi (180 km). Please Visit <http://www.ismdhanbad.ac.in> for more details.



About the Department

The Department of Computer Science & Engineering was set up in the year 1997, following the resounding success of ISM Alumni in the fields of Computer Science and Information Technology. The Department provides an outstanding research environment complemented by superior teaching for its students to flourish in. The department conducts academic programs leading to the award of B.Tech degree in Computer Science & Engineering, Dual Degree in Computer Science & Engineering, M. Tech degree in Computer Science & Engineering, M. Tech degree in Computer Science & Engineering with Specialization in Information Security, and also Ph.D. in Computer Science & Engineering. The Department boasts of highly qualified faculty members who are active members of reputed National and International Societies. They are instrumental in research and development activities. The major research areas include Information Security, Cellular Automata, Parallel and Distributed Computing, Wireless Communication, Cloud Computing, Information Retrieval, Software Engineering, Cryptography, Network Security, Image Processing, Video-on-Demand, Soft Computing, IP Multicasting and Computational Biology. Please Visit <http://www.ismdhanbad.ac.in/computer-science-engineering/> for more details.



About RAIT-2016

Over the past few decades, we are witnessing remarkable advances and explosive growth of new technologies that are changing the world very fast. Information Technology (IT) sector is indeed playing a significant role in facing the technological challenges of the 21st century. The impact of IT on every sphere of human activities is stupendous these days. This field has been playing vital role in our economical,



social and rural growth. The change in Information Technology is racing by the hour with a new idea emerging at every small span of time. The eastern region of our country has tremendous potential for the growth of mining, metallurgical and mineral industries. It is felt that there is a strong need to give a new dimension in our efforts to catch up the rapid strides being made in technology. Therefore, it has been thought in greater interest to bring together all IT/Computer Professionals, Researchers, Academicians, Industry People and valued users on a common platform to discuss the current state-of-art in IT and its role in the global scenario. With this thought, the Department of Computer Science & Engineering, ISM conducted two National Level Seminars on Recent Advances on Information Technology, namely “RAIT-2007” and “RAIT-2009” (sequel of RAIT-2007) in year 2007 and 2009 respectively. After the huge success of these two events, the department has pulled up RAIT series at global level and organized 1st IEEE International Conference on “Recent Advances in Information Technology (RAIT-2012)” followed by RAIT-2014. Recent Advances in Information Technology (RAIT-2016) is the 3rd IEEE International Conference that has been conceived with multi-disciplinary areas in IT, Computers, Electronics together with application areas of Mineral, Service, Telecom sectors that are strategically important for the overall economic growth of our country. The vision of the conference is to provide awareness about the recent advances in the Information and Communication technology, through tutorial, keynote addresses and pre-reviewed research paper presentations. The conference will also serve as an excellent platform for all the participants to share their views and ideas. Another endeavor of this conference is to collate and present the latest development in IT/Computer along with realistic assessment of the current status and trends. **RAIT-2016 is endorsed by the IEEE, IEEE Communications Society Kolkata Chapter.** Please Visit <http://www.rait.co.in> for more details.

Call for Papers

The organizer invites all IT/Computer Professionals, Researchers, Academicians, Industry People including Mineral, Service, Telecom sectors to contribute their original papers on but not limited to the following topics:

Advances in Computer Science & Engineering	Remote Sensing & Geo-Science	Mobile Computing
Artificial Intelligence & Knowledge Management	Reverse Engineering	Multimedia Communication
Bioinformatics & Computational Biology	Soft Computing	Network Protocols
Computational Nanotechnology	Software Engineering	Optical Communication
Computer Vision	System Modeling & Simulation	Pervasive Computing
Cyber Laws	Uncertainty Analysis	Quantum & Grid Computing
Data Mining & Knowledge Discovery	Unified Threat Management (UTM)	Wireless Sensor Networks
E-Commerce & E-Governance	Video-on-Demand	Signal Processing
Evolutionary Computing	Virtual reality	Wireless Communication
Geo-Spatial Technology: GIS, GPS and Remote sensing	VLSI Design & Embedded Systems	Application of IT in Industry
Image & Video Processing	Advances in Communication & Computing	Hydrocarbon Sector
Information Retrieval	Ad-hoc Networks	Managerial Sector
Nature Inspired Computing	Cloud Computing	Mining & Mineral Sector
Open Source	Coding Theory	Petroleum Sector
Parallel & Distributed Processing	Cryptography and Network Security	Power Sector
Pattern Recognition & Machine Learning	Information Transmission	Service Sector
Real-Time Systems	Internetworking	Telecom Sector

All papers should be in IEEE Format. Guidelines for preparation and submission of paper are available at <https://easychair.org/conferences/?conf=rait2016>

All presented papers will be compiled in conference proceedings and will be also available on IEEE Xplore.

Important Dates

Events	Date (Extended)
Paper Submission Deadline	23 November 2015
Notification of Acceptance	20 December 2015
Submission of Camera Ready Paper	30 December 2015
Early Registration	11 January 2015
Tutorials	03 March 2016
Conference	04-05 March 2016

Registration Fee

Category		Early Registration	Late Registration	
Authors from R&D Organization, & Academic Institutions	IEEE Member	Indian	₹ 7,200	
		Foreign	USD 360	
	Non-IEEE Member	Indian	₹ 9,000	
		Foreign	USD 450	
Student Author	IEEE Member	Indian	₹ 4,000	
		Foreign	USD 240	
	Non-IEEE Member	Indian	₹ 5,000	
		Foreign	USD 300	
Delegates from Industries			₹ 15,000	
Participants			₹ 5,000	
			₹ 6,000	

The Registration fee includes the cost of Registration kits, Lunch, Dinner and Refreshment. The registration form duly filled along with Demand Draft in favor of "RAIT", payable at Dhanbad is to be sent before the due date to the correspondence address.

Accommodation

Limited accommodation on shared basis will be available in the Executive Development Center (EDC) of ISM that can be booked (first-come-first-serve basis) on request depending on the availability. Accommodation can also be sought in the nearby hotels at Dhanbad.

Sponsorship & Advertisement

Industries from Core Sectors, Government and Semi-Government Organizations, Manufacturers, Institutions are invited for sponsoring the conference. The sponsoring organizations will be entitled for free delegates as indicated below:

Category	Amount	Privilege
Platinum Sponsorship	₹ 2,50,000	05 delegates free
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Gold Sponsorship	₹ 1,50,000	03 delegates free
Silver Sponsorship	₹ 1,00,000	02 delegates free
Event Sponsorship	₹ 50,000	01 delegate free

A Souvenir will be published on this occasion. Advertisements are invited, for which the tariffs are:

Category	Amount
Back Cover (color)	₹ 50,000
Front Inside (color)	₹ 35,000
Back Inside (color)	₹ 30,000

Category	Amount
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Recent Advances in Information Technology



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Organized by

Department of Computer Science & Engineering
ISM, Dhanbad-826004 (Jharkhand) INDIA

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