IEEE

**3rd IEEE International Conference
on**

RECENT ADVANCES IN INFORMATION TECHNOLOGY

03-05 MARCH 2016

RAIT 2016

PROGRAMME SCHEDULE

INDIAN SCHOOL OF MINES

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
INDIAN SCHOOL OF MINES (ISM)
DHANBAD– 826004, JHARKHAND**

03 MARCH 2016

GJLT	
07:30 Onwards	Registration (Tutorial & Conference)
09:30 - 11:00	Inaugural Session
11:00 - 11:30	High Tea
11:30 - 12:30	**Keynote Address – 1** TOPIC: **50 Years of Fuzzy Sets: Data to Knowledge** SPEAKER: **Padma Shri Prof. Sankar K. Pal** *Distinguished Scientist* *& Former Director at Indian Statistical Institute*
12:30 - 13:30	**Keynote Address – 2** TOPIC: **Cognitive implications of Virtual Reality** SPEAKER: **Shri Sushil Chandra** Head, Bio-Medical Engg. INMAS, DRDO, New Delhi
LUNCH (GJLT PREMISES) 13:30 - 14:00	
Tutorial I (Venue: CSE-CR1) (Time: 14:00) TOPIC: **Cognitive Radio Networks and QoS Aware VoIP Communication** SPEAKER: **Prof. Iti Saha Misra** Jadavpur University	**Invited Talk - I** (Venue: GJLT) (Time: 14:00) TOPIC: **Issues, Challenges and Problems in Information & Communication Technology Research** SPEAKER: **Prof. A. K. Tripathi** IIT (BHU), Varanasi
TEA BREAK (CSE) 15:30 - 15:45	**TEA BREAK (GJLT) 15:30 - 15:45**

Technical Session - 1	Technical Session - 2
(Venue: CSE-CR1)	(Venue: GJLT)
(Time: 15:45 - 17:15)	(Time: 15:45 - 17:00)
Area:	Area: Advances in Cryptography & Network Security-I
Area: Advances in Pattern Recognition and Machine Learning Computing	

Tutorial II
(Venue: GJLT)
(Time: 17:30)

TOPIC:

Patterns of Big Data and Analytics Adoption: Information Architecture Importance and Big Data Predictions for Technology

SPEAKER:

Mr. Siddharth Srivastava
Oracle Corporation, Bangalore

CULTURAL PROGRAM (GJLT PREMISES) 19:00

DINNER (GJLT PREMISES) 20:30

04 MARCH 2016

Time	Venue: GJLT	Venue: CSE - CR1	Venue: CSE - CR2
09:00 - 11:45	**Technical Session - 3** Area: Advances in Communication - I	**Technical Session - 4** Area: Advances in Image & Video Processing-I	**Technical Session - 5** Area: Advances in Soft Computing-I
11:45 - 12:00	Tea Break	Tea Break	Tea Break
12:00 - 13:00	**Invited Talk II** Topic: **Cryptographic Techniques for Authentication** Speaker: **Dr. Donghoon Chang** IIIT, New Delhi	**Invited Talk III** Topic: **Content Based Image Retrieval emphasis on the Bag-of-Visual-Words** Speaker: **Prof. Jaya Sil** *IIEST, Shibpur*	**Invited Talk IV** Topic: **Deep Learning** Speaker: **Dr. Pabitra Mitra** *IIT, Kharagpur*
LUNCH (GJLT PREMISES) 13:15 - 14:30			
14:30 - 15:45	**Technical Session - 6** Area: Advances in Soft Computing-II	**Technical Session - 7** Area: Advances in Image & Video Processing - II	**Technical Session - 8** Area: Applications of IT in Geo-Sciences and Mining
15:45 - 16:15	Tea Break	Tea Break	Tea Break
16:15 - 18:00	**Technical Session - 9** Area: Advances in Signal Processing	**Technical Session - 10** Area: Advances in VLSI Design & Embedded Systems	**Technical Session - 11** Area: Advances in Computing & Real-Time Systems
CULTURAL PROGRAM (GJLT PREMISES) 19:00			
BANQUET DINNER (GJLT PREMISES) 20:30			

05 MARCH 2016

Time	Venue: GJLT	Venue: CSE - CR1	Venue: CSE - CR2
09:00 - 11:45	**Technical Session - 12** Area: Advances in Communication - II	**Technical Session - 13** Area: Advances in Cryptography & Network Security-II **Invited Talk V** Topic: **Computationally Difficult Problems: An Approach towards Polynomial Solvability of NP-Complete Problems** Speaker: **Prof. Narendra S. Chaudhari** *IIT Indore & VNIT Nagpur*	**Technical Session - 14** Area: Applications of IT
12:00 - 12:15	Tea Break	Tea Break	Tea Break
12:15 - 13:15	**Invited Talk VI** Topic: **Channel allocation in Cognitive Radio Networks** Speaker: **Prof. B. P. Sinha** *ISI Kolkata*	**Invited Talk VII** Topic: **Remote Healthcare: Using Technology to Facilitate Quality Healthcare for Citizens** Speaker: **Prof. Nabendu Chaki** *University of Calcutta*	**Invited Talk VIII** Topic: **Electronic Nose and Its Applications** Speaker: **Dr. Nabarun Bhattacharyya** *C-DAC, Kolkata*
	LUNCH (GJLT PREMISES) 13:15 - 14:00		
14:00 - 15:30	**Technical Session - 15** Area: Advances in Software Engineering & Information Retrieval	**Technical Session - 16** Area: Advances in Artificial Intelligence & Knowledge Discovery	**Technical Session – 17** Area: Miscellaneous
	VALEDICTORY FUNCTION (GJLT) 15:45		
	HIGH TEA (GJLT PREMISES)		