

52nd Annual Convention of Computer Society of India (CSI 2017), National IT Congress, International Conference on “Social Transformation – Digital Way” January, 19-21, 2018, Science City, Kolkata

Program Schedule

18.01.2018 (Thursday)

Tutorial

Venue:

Technology Campus, University of Calcutta, JD-2, Sector III,
Salt Lake City, Kolkata-700098.

Tutorial Chair:

Prof. (Dr) Amlan Chakrabarti
Dean. Engineering & Technology Calcutta
University

Tutorial Co-Chair:

Prof.(Dr) Debasis De
Professor & HOD, MAKAUT

Tutorial Convener:

Dr Somnath Mukhopadhyay
RSC, Region II, Asst. Prof. Hijli College.

Tutorial Session will be inaugurated

By The Honourable Vice - Chancellor, University of Calcutta with august presence of Pro-vice Chancellors of the University of Calcutta and the Registrar

Inauguration session will Preside Over by Dr. Anirban Basu, Immediate Past President, CSI & Welcome Note will deliver by Prof. Dr. A. K. Nayak, Hon Secretary, CSI

09.00-10.00

Registration

09.30-10.00

Inauguration in ROOM NO CRNN-1

Chief Guest - Vice - Chancellor, University of Calcutta, Pro-Vice Chancellors, CU, Registrar, CU

Tutorial Sessions (Four in Parallel)

Room No: CRNN-1

**Room No:
AKCSIT -1**

Room No: CRNN -2

**Room No:
AKCSIT -2**

Room No: CSE – 1

10.00-01.00

Mr. Lawrence Mohanraj,
IBM India Pvt. Ltd.
Topic: Cloud & Cognitive

Dr. Anirban Chakraborty, IISc
Bangalore
Topic: Computer
Vision for Intelligent
Video Surveillance

Dr. D. P. Mukherjee,
Indian Statistical Institute
Kolkata
Topic: Machine Learning

Dr. Nabarun Bhattacharyya,
CDAC Kolkata
Topic: Application of
ICT for Agriculture &
Environment

(10.00-011.30)
Dr. Atal Choudhuri:
Jadavpur University:
Topic: Green
Computing

(11.30-01.00)
Dr. Debesh Das:
Jadavpur University
Topic: Reversible circuits-
synthesis and testing

01.00-02.00

LUNCH

Tutorial Sessions (Four in Parallel)

02.00-05.00

Dr. Suman Sau,
NTU Singapore
Topic : Fault Resilient
Embedded Systems

Dr. Santi Maity,
IEST , Shibpur,
Kolkata
Topic: Cognitive Radio
NW in 5G

Dr. Prodosh K. Roy,
APIIT, Haryana
Topic: Compressed
Sensing

Dr. Niloy Ganguly,
IIT Kharagpur
Topic: Social
Computing

Dr. Debotosh Bhattacharjee; Jadavpur University
Topic: Face Recognition

05.00

VALEDICTORY

19.01.2018 (Friday)		
Time	Meetings of the HQ	
8:30am – 9:30am	OB'S Meeting Venue: Hotel	
10:00am – 1:00pm	Execom. Meeting Venue : S8A Ground Floor, Science City	
Inauguration and Special Session		
Time	Reception	Mini Auditorium - Science City, Kolkata
2:00 pm – 3:45 pm	Registration from 10:30 am	Inaugural Session Lighting the Lamp and Inaugural Address Welcome Address About CSI & About the Convention CSI 2017 Presidential Address Dr. Partha Chatterjee, the Hon'ble Minister-in-Charge, Higher Education, Science & Technology and Biotechnology, Government of West Bengal will inaugurate the Convention Professor Bratya Basu, Hon'ble Minister-in-Charge, Information Technology and Electronics, Government of West Bengal will be the Chief Guest Prof. Mike Hinchey, President, International Federation for Information Processing (IFIP) will be the guest of Honour
3:45 pm – 4:15 pm		Spiritual / Motivational Talk Swami Shastrajnananda, Principal, Ramkrishna Mission Vidyamandir, Belur Math
4:15 pm – 4:45 pm		High Tea - Garden Area
4:45 pm – 5:15 pm		Key Note Addresses Prof. Mike Hinchey, President, International Federation for Information Processing (IFIP)
5:15 pm – 5:45 pm		Technical Talk Dr Pavithra Prabhakar, Kansas State University, Manhattan, USA Topic: Formal Verification of Robustness Properties of Hybrid Systemshairma Chair: Mr. Subir Lahiri, Chairman, CSI Kolkata Chapter
5:45 pm – 6:15 pm		CSI National Awards (LTV, Life Time Achievement, Hony. Fellow, Fellow)
6:15 pm – 6:45 pm	Plenary Session Chair: Dr. Anirban Basu, Immediate Past President, CSI Talk 1 Mr. Hasit Kaji, Head - Digital Impact Square, Vice - President, Tata Consultancy Services	
6:45 pm – 7:15 pm	Talk 2 Dr Suvira Srivastav, Associate Editorial Director, Computer Science & Publishing Development, Springer India Topic : Trends in Publication	
8:00 pm	NETWORKING DINNER	

20.01.2018 (Saturday)
Technical & Sponsored Program

Time	Reception	Mini Auditorium	Ground Floor (Seminar Hall 1) S8A	First Floor (Seminar Hall 1) S N Bose Hall	First Floor (Seminar Hall 2) CVR	First Floor (Seminar Hall 3) HJB	First Floor (Seminar Hall 4) M N SAHA HALL
8:00 am – 9:00 am	Registration	15th CSI Nihilent e- Governance Awards 2017 Programme From 9:00 am onwards					
9:00 am – 10:00 am				Meeting (with Chapter representative/s, RSC, SSC & SBC / SIG)	Internet Governance and role of ICANN Chair: Satish Babu Fellow, CSI	Key Note Address Dr Venkata Padmanabhan 6 Microsoft Research India	
10:00 am – 11:00 am				National Council Meeting (Chapter representatives and ExecCom members)	Speaker : Mr. Samiran Gupta , Head of India, Internet Corporation for Assigned Names and Numbers (ICANN) Mr. Anupam Agrawal , TCS, Internet Society Kolkata		
11:00 am – 11:30 am			Meeting with National Auditor / Hon Treasurer	Four parallel technical sessions with Paper Presentation			
11:30 am – 1:15 pm				Tr1: Signal Processing, Microwave and Communication Engineering-I Chair: R. N. Satpathy, Hon. Secretary- CSI , BBSR, Chapter Invited Speaker: Dr Dharampal Singh , Namibia University, Namibia Paper Ids: 6, 20, 34, 45, 51	Tr2: Electronic Devices, Circuits and System Chair: Dr Subir Sarkar , Jadavpur University, India A B Ramachandra Rao Memorial Lecture Invited Speaker: Dr Vidyasankar , IAS Officer, Secretary and Chief Secretary, Govt. Of Karnataka. Paper Ids: 83, 84, 87, 88, 90, 136	Tr3: Data Science and Data Analytics: In Celebration of 125th Birth Anniversary of Prof. Prasanta Chandra Mahalanobis Chair : Dr P. K. Jana , ISM Dhanbad, India Invited Speaker: Prof. (Dr) L. M Pattanayak , Emeritus Professor, IISC Bangalore. Talk Title: Machine Intelligence: Roller Coaster of Success and Setbacks and More Paper Ids: 10, 17, 33, 60, 122	Tr4: Signal Processing, Microwave and Communication Engineering-II Chair: Dr. R. N. Behera , NIC, Bhubaneswar, Odisha Invited Speaker: Dr. P. S. Grover , DU Paper Ids: 55, 56, 82, 94, 110, 129, 156
1:15 pm – 2:00 pm	LUNCH						

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2:00 pm – 4:00 pm		15 th CSI Nihilent e- Governance Awards 2017 Programme		<p>(2:00 pm – 2:20 pm) Presentation from Tally Mr. Arvind, Chief of R&D, Tally</p> <p>(2:20 pm – 2:40 pm) Presentation from OTSI Mr Kiran Kumar , VP , OTSI</p> <p>(2:40 pm – 2:55 pm) Presentation from STPI Mr. Manjit Nayak ,Addl director ,STPI</p>	<p>The future Opportunities in Information Technology: Succeeding in the Emerging Landscape Moderator: Dr. Debesh Das, JU: Topic: Succeeding in the Emerging Landscape : Step One : A Mindset Change Mr. Amitava Ray, Managing Director, Ericsson India Global Services PVT. Ltd</p> <p>Mr. Arindam Mukherjee, Managing Director, Alumnus Software Ltd</p> <p>Mr. Samir K Chatterjee, Managing Director, Rebaca Technologies</p> <p>Dr Tinku Acharya, Managing Director, Videonetics</p>	<p>Healthcare and Cardiacare using IOT</p> <p>Dr Arpan Pal, Head Innovation Labs, Kolkata</p> <p>Dr Kayapanda Mandana, Head of Cardiology, Fortis Hospital</p>	<p>Cyber Physical System</p> <p>Mr. P BalaMurali</p>
4:00 pm – 6:00 pm				<p>Tr5: Social Computing</p> <p>Session Chair: Dr Gautam Sen, Jadavpur University, India</p> <p>Invited Speaker : Prof. Dr Md. Kamarul Alam Khan, Professor and Director, IQAC, Ex. Dean Faculty of Science, Jagannath University , Dhaka, Bangladesh</p> <p>Topic: A new Approach: Biomass Electricity at off-grid area</p> <p>Paper Ids: 117, 93, 107, 131</p>	<p>Tr6: Social and Bio Computing</p> <p>Session Chair: Dr. Vipin Tyagi, JAYPEE University.</p> <p>Invited Speaker: Dr Dhananjay Bhattacharyya, Saha Institute of Nuclear Physics, India;</p> <p>Topic: Macro-molecular Simulation and need of High Performance Computing;</p> <p>Paper Ids: 53, 70, 37, 40, 52</p>	<p>Tr7: Mobile, Nano and Quantum Computing</p> <p>Session Chair : Dr. A. K. Nayek, Indian Institute of Business Management, Patna</p> <p>Invited Speaker:: Prof.(Dr) Sukumar Nandi, Professor, CSE and Ex. Dy director, IIT Gowhati</p> <p>Topic: Vehicular Communications and its future prospect</p> <p>Paper Ids: 38, 46, 47, 102, 103</p>	<p>Tr8: Data Mining</p> <p>Session Chair: Prof. B. B. Pal, University of Kalyani</p> <p>Invited Speaker and Session Chair: Dr. Durgesh Mishra, Sri Aurobindo Institute of Technology, India</p> <p>Paper Ids: 58, 67, 96, 105, 111, 125, 127</p>

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6:00 pm – 7:30 pm		Program by People of Purulia, West Bengal.					
7:30 pm – 8:30 pm		Think Tank Meeting (Fellows, Past Presidents & Execom Member)					
7:30 pm – 9:00 pm	CONVENTION DINNER						

21.01.2018 (Sunday)
Technical & Sponsored Program

Time	Reception	Mini Auditorium	Ground Floor (Seminar Hall 1)	First Floor (Seminar Hall 1)	First Floor (Seminar Hall 2)	First Floor (Seminar Hall 3)	First Floor (Seminar Hall 4)
8:00 am – 11:00 am	Registration						
11:00 am – 11:15		Tea Break					
11:15 am – 12 noon							
12:00 noon – 1:30 pm		AGM	Tr.9: Security and Forensics Invited Speaker and Session Chair:: Dr. Amit Joshi, Udaypur Prof.(Dr) H R Viswakarma, Senior Professor, VIT, Vellore Paper Ids: 22, 23, 42, 133, 157	Tr10: IT in Judiciary Session Chair: Mr. Apoorva Agha, Chair Division-I Systems CSI ExecCom, Rapporteur Saurav Agarwal, TCS Past Chairman CSI Gajiabad Speakers: Anuj Agarwal, Advocate on 'Cyber Crime Prosecution and Ms. Indrani Ghosh, TCS on 'Information Technology in Courts' Privacy Issues' Presentations Mr. Tuhin Bose, VP & CTO Videonetics Tech. Pvt. Ltd. On Mr. Jitendra Sharma, Director, Wacom India Pvt. Ltd. on 'Wacom in paperless work flow for e Courts'	Sponsored Session Presentation JIS University, 30 minutes PMI, Jacob Varghese of 20 min Kovair: Bhanumathi KS, Sr. Technology Evangelist, Kovair Software and Abantika Chatterjee: Topic: DevOps (20 minutes) ICANN, Singapore, 20 minutes Smart City Mr. Srinivasa Raghavan, TCS Singapore	Tr.11: Digital Image Processing Invited Speaker:: Prof. (Dr) M S P Babu, College of Engineering, Andhra University Session Chair: Dr S. P. Maity, IEST Shibpur India Paper Ids: 16, 27, 43, 66, 73	Tr.12: Computational Intelligence Dr. Monotosh Bose, Videonetics Tech. Pvt. Ltd Invited Speaker & Session Chair: Prof. (Dr.) Sudipta Roy, Assam University (A Central University), Silchar Paper Ids: 1, 26, 74, 78, 120, 72
1:30 pm – 2:30 pm		LUNCH					
2:30 pm – 4:30 pm		Valedictory note by Shri Satya Bommireddy, Principal		Student Presentation 2:00 pm – 4:30 pm			

21.01.2018 (Sunday)
Technical & Sponsored Program

Time	Reception	Mini Auditorium	Ground Floor (Seminar Hall 1)	First Floor (Seminar Hall 1)	First Floor (Seminar Hall 2)	First Floor (Seminar Hall 3)	First Floor (Seminar Hall 4)
		& Managing Director The Hackett Group as Chief Guest (2.30 – 2.35pm) Chapter level Awards and Valedictory Session					
4.30 pm	High Tea						