

International Conference on Communication, Circuits and Systems (iC³S-2016)



February 6-7, 2016



School of Electronics Engineering, KIIT University, Bhubaneswar, Odisha, India

Program Overview

February 06 (Saturday), 2016

Conference Registration: 9.00–10.30 hrs

Venue: Seminar Hall-2, Convention Centre, Campus-6, KIIT University

Inauguration of iC³S-2016 Conference: 10.30-11.30 hrs

Venue: Seminar Hall-2, Convention Centre, Campus-6, KIIT University

Tea/Coffee Break: 11.30–12.00 hrs

Keynote Address: Passive Optical Networks by Dr. Debasish Datta, Professor, E&ECE Department, IIT, Kharagpur, WB

Time: 12.00-13.00 hrs Venue: LT-2, Sch. of Electronics Engineering, Campus-12, KIIT University

Conference Lunch: 13.00 – 14.00 hrs

Technical Session (TS-1): 14.00–15.30 hrs

Tea/Coffee Break: 15.30–15.45 hrs

Technical Session (TS-2): 15.45–18.00 hrs

Conference Dinner: 19.00 hrs

February 07 (Sunday), 2016

Tea/Coffee 9-00 hrs. – 9.30 hrs.

Technical Session (TS-3): 9.30–12.30 hrs

Valediction: 12.30–13.00 hrs Venue: LT-2, Sch. of Electronics Engineering, Campus-12, KIIT University

Conference Lunch: 13.00–14.00 hrs

Technical Session 1 (TS-1)

Saturday, February 06, 2016, Time: 14.00 hrs – 15.30 hrs Venue: LT-02

Session Chair: Dr. Debasish Datta, Professor, E&ECE Department, IIT, Kharagpur, WB

Session Co-Chair: Dr. A. Datta, Professor, Sch. of Electronics Engineering, KIIT University

Paper ID	Title of the Paper	Authors
iC3S-1607	All-Optical Design of Switching Network using TOAD based Cross-bar Switch	Ashis Kumar Mandal, Goutam Kumar Maity, Nabin Baran Manik
iC3S-1617	Comparative Analysis of LIMAD Protocol over conventional MORP in Wireless Sensor Networks based on Throughput Efficiency	Bijay Bhusan Rath, Sudhansu Sekhar Singh
iC3S-1602	Analysis of Electromagnetic Compatibility Requirement in Modern Railway System	Dipankar Dan
iC3S-1618	An Experimental Study of Parallel Multi-objective Genetic Algorithm Models	S . Mishra, S.S.Singh, B. S. P. Mishra
iC3S-1605	Accident Alerting System To Save Bikers Using Smart Helmets	R S Saravanakkumar, Mr.Muniraj, M.Willjuice
iC3S-1615	A novel profile based paging in dynamic cellular network	S R Parija, P.K Sahu & S. S. Singh
iC3S-1604	Denoising Technique for Random-valued Impulse Noise in Digital Image	Govind Tanwar and Sekhar Ranjan Bhadra Chaudhuri
iC3S-1625	A Novel Method of Shot Boundary Detection using Center Symmetric Local Binary Pattern	T. Kar, P. Kanungo
iC3S-1630	Traffic Grooming in WDM Ring Network: Minimization of ADMs with Real-Time and Non-Real-Time Traffic Demands	Abhirup Ray and Debasish Datta

Technical Session 2 (TS-2)

Saturday, February 06, 2016 Time: 15.45–18.00 hrs. Venue: LT-02

Session Chair: Dr. Monojit Mitra, Professor, ETCE Department, IEST, Sibpur, Howrah, WB

Session Co-Chair: Dr. S. K. Behera, Asst. Professor, Sch. of Electronics Engineering, KIIT University

Invited Talk: Dr. Monojit Mitra, Professor, ETCE Department, IEST, Sibpur, Howrah, WB

iC3S-1606	Psychological Stress speech Analysis: A Review	Bhagyalaxmi Jena, Sudhansu Sekhar Singh
iC3S-1614	A Review paper on Routing Protocols in Wireless Body Area Sensor Networks	Birupakshya Mahapatra, Amlan Datta
iC3S-1619	A Dual-Band Patch Antenna Having U-Shape Strip For Wireless LAN Applications	Diptanuprasad Chakraborty
iC3S-1620	Design of Multi-Band Microstrip Ring Antenna for Wireless Sensor Network	Subhrakanta Behera, Sraddhanjali Mahapatra & Debaprasad Barad
iC3S-1621	An Inset-fed Dual-Frequency Rectangular Microstrip Antenna with Two Symmetrical Rectangular Slots for Application in Wireless Communication	Pragati Panda and Jyoti Ranjan Panda
iC3S-1603	Legendre Technique for Location Prediction in Cellular Network	S Parija, PK Sahu, SS Singh
iC3S-1622	A Miniaturized Octagonal shaped UWB Antenna For Sensing Applications	Sasmita Pahadsingh, Sudhakar Sahu, Avnish Kumar Giri
iC3S-1624	An analysis of channel capacity using MIMO-OFDM for 4G applications	Partha Chakrabarti, Sudhir Kumar Yadav, Kaustubh Dutta, Partha Pratim Shome, Amlan Datta

Technical Session 3 (TS-3)

Sunday, February 07, 2016

Time: 9.30-12.30 hrs

Venue: LT-02

Session Chair: D.r Subir Kumar Sarkar, Professor, ETCE Department, Jadavpur University, Kolkata

Session Co-Chair: Dr. J. K. Das, Asso. Professor, Sch. of Electronics Engineering, KIIT University

Invited Talk: Prof. Subir Kumar Sarkar, ETCE Department, Jadavpur University, Kolkata, WB

iC3S-1601	A Comparative Study on the Performance of the AlGaAs/GaAs HBT and the InGaP/GaAs Heterojunction Bipolar Transistors	Sarthak Mohapatra M.R.Jena, A.K.Panda
iC3S-1608	Design and Analysis of Low Power, High Speed 3-2 Compressor Architectures in 45 nm Technology	Bijoyendra Chowdhury, Kanan Bala Ray, Niladri Ghosh and Sushanta K. Mandal
iC3S-1610	Low Power 1 Bit SRAM Architecture Design Using GALEOR Technique	Niladri Ghosh, KananBala Ray, Bijoyendra Chowdhury and Sushanta K. Mandal
iC3S-1611	Comparative Analysis of Technology Advancement from Single Gate to Multi-Gate MOSFET	Abhishek Kumar, Anil Kumar Swain
iC3S-1613	A Low Phase Noise Wide Tuning Range CMOS Differential Ring Voltage Controlled Oscillator for Signal Processing	B.S.Patro, Vandana B., S. K. Mandal
iC3S-1616	Delay And Power optimization of Memristor based Basic Sequential Circuit Element	Joy Chowdhury, J. K. Das, N. K. Rout, Shruti Priya, Suman Kumari Gupta

iC3S-1609	A Survey on Image Mining	Vrajesh Kumar Chawra, Tansen Patel, P.Uday Kumar
iC3S-1612	Efficient optimization of cellular network using Activity based Mobility management	Kishore Sahoo, Rasmiranjan Samantray, Lincoln Mohanty
iC3S-1623	Comparison between PI, PID & Fuzzy Logic Controller using Two Area thermal-thermal Power System in Load Frequency Control	Sujit Kumar Bhuyan, Babita Panda, Bhagabat Panda, P.K Hota
iC3S-1626	A Decision and Repetitions Based Algorithm for Removing High Density Impulse Noise	Vinod Kumar, Priya Nayan, Richa Nayan, T. Kar
iC3S-1627	Literature Survey on Cognitive Radio and its Functionalities	Aishwarya Mishra, Tirtha Majumder, Rajiv Kumar Mishra, S.S. Singh and P. K. Sahu
iC3S-1628	Speckle Noise Removal in SAR Images Based on Sparse Coding by Dictionary Learning and Collaborative Filtering	Sidheswar Routray, Arun Kumar Ray, Chandrabhanu Mishra
iC3S-1629	A Novel Approach for a portable Wireless Calling Bell for Deaf and Dumb	Girija Sankar Dash, Swetalima Rout

School of Electronics Engineering, Campus-12, KIIT University, Bhubaneswar, Odisha

Mode of Paper Presentation: PowerPoint Presentation

Time of Presentation: 10 Minutes for Each Paper