

January 04, 2020

SECTION		INFORMATION AND COMMUNICATION SCIENCE AND TECHNOLOGY (INCLUDING COMPUTER SCIENCE)
Sectional President	:	Prof. (Dr.) Md. Nurul Hoda Director, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi – 110063.
Sectional Secretary	:	Dr. V. Manjunath Associate Professor, Dept. of Agril. Statistics, Applied Mathematics and Computer Science, College of Agriculture, UAS, GKVK, Bangalore – 560065.
Sectional Recorder	:	Dr. Ajay Kumar Thakur, Associate Professor, CM Science College, Darbhanga (Bihar)
02:00 – 06:00 PM		
SECTIONAL COMMITTEE MEETING		
Venue	:	Cluster II – College of Agriculture, South Block : Hall 11
Presidential Address	:	Md. Nurul Hoda, Director, Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi – 110063 <i>ICT for Inclusive Development</i>
Key Note Address	:	A. K. Nayak, President, Computer Society of India & Director, Indian Institute of Business Management (IIBM), Patna (Bihar) <i>ICT for Inclusive Growth in India</i>
Young Scientist Award Presentations	:	Anwasha Mukherjee Department of Computer Science and Engineering, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal – 721 302.

	<p>Debamita Kumar Machine Intelligence Unit, Indian Statistical Institute, 203, B. T. Road, Kolkata – 700 108.</p> <p>Hanumant Ramdas Gite Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (MS)- 431 004.</p> <p>Gandikota Ramu Department of CSE, Institute of Aeronautical Engineering, Dudigal, Hyderabad – 500 043.</p>
SECTIONAL COMMITTEE ELECTION	

January 05, 2020

SECTION: INFORMATION AND COMMUNICATION SCIENCE AND TECHNOLOGY (INCLUDING COMPUTER SCIENCE)	
02:00-06:00 PM	
Venue	: Cluster II-College of Agriculture, South Block : Hall 11
Symposium	
Invited Lectures	: R. R. Deshmukh, Dept. of Computer Science, Aurangabad (Maharashtra) <i>Analyzing the Various Types of Objects Using Hyperspectral Remote Sensing</i>
Invited Lectures	: S. N. Singh, Professor, PG Dept. of Physics, CM Science College, Darbhanga (Bihar) <i>ICT Applications for Accelerating Economic Growth</i>
Invited Lectures/ Oral Presentations	
Invited Lectures	: Arun Kumar Singh, Professor, Post Graduate Dept. of Physics, L. N. M. University, Darbhanga (Bihar) <i>Digital India for Rural Growth</i>
Oral Presentations	: Chandan Kumar Behera, SCSE, VIT, Bhopal. <i>A Generic Code Obfuscator framework for Software Protection</i>

	<p>: Deepshikha Mehta, Department of Electronics and Computer Science, Rashtrasant Tukadoji Maharaj Nagpur University, University Campus, Nagpur, Maharashtra <i>Machine Learning based Assessment of Students' Attention in Classroom</i></p>
	<p>: Saurabh Jain, Shri Vaishnav Vidyapeeth, Indore (MP) <i>EE-WCA: Energy Efficient Weighted Clustering Algorithm for Wireless Sensor Network</i></p>
	<p>: Raunak Nandy, TCS Kolkata <i>Identification and Impact of Wormhole attack in MANET</i></p>
	<p>: Moumita Mazumdar, CSIR-National Institute of Science Communication and Information Resources, New Delhi <i>Changing Weather and Alerting Systems: A Patent Look towards Communication</i></p>
	<p>: Muhammad Suleiman, SCA, Lovely Professional Univ, Phagwara <i>Application of Cloud Computing in Education</i></p>
	<p>: Avinash Bhoyar, Central Forensic Science Laboratory, Directorate of Forensic Science Services, MHA, Govt. of India, Hyderabad Blockchain Technology for Modern Cyber Forensics</p>
	<p>: Supreetha Gowda H.D., Department of Computer Science, University of Mysore <i>Robust Deep CNN Architecture for Person Verification System using Multimodal Biometric Approaches</i></p>
	<p>: Namit Gupta, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore <i>Efficient Design of Novel Reversible Feynman Gate in Quantum D Cellular Automaton with Optimized Average Output Polarization and Energy Dissipation</i></p>
	<p>: Shivani Yadav, Maharshi Dayanand University, Rohtak (Haryana) <i>Measure the effectiveness of software quality parameters for Component Based Software using different quality models</i></p>

	:	Priyadarshini, Chanakya National Law University Patna <i>Determining Women's Role in Rural Development, Planning and Management in Context to ICT</i>
	:	Raghul M R, Mathematical and Information Sciences, Academy of Scientific and Innovative Research (AcSIR) <i>Prominent Science Pages on Facebook: An Exploratory Study</i>
BEST POSTER AWARD PRESENTATION		
Concurrent Poster Session –I		

January 06, 2020

02:00 – 06:00 PM		
Venue		Cluster II- College of Agriculture, South Block – Hall 11
Symposium		

Keynote Talk	:	<p>Ganapati D. Yadav</p> <p>Vice-Chancellor and R.T. Mody Distinguished Professor, Tata Chemicals Darbari Seth Distinguished Professor of Leadership and Innovation, J.C. Bose National Fellow, Institute of Chemical Technology, Mumbai- 400 019</p> <p><i>Novel Catalytic Selectivity Engineering in Valorisation Of Biomass, CO₂ And Water into Chemicals, Materials and Energy</i></p>
	:	<p>Ashok K. Ganguli</p> <p>Department of Chemistry, Indian Institute of Technology, Delhi, New Delhi 110 016</p> <p><i>Design of Nanostructures for Photoelectrochemical Applications</i></p>
Invited Lectures	:	<p>Ranjani Viswanatha</p> <p>Jawaharlal Nehru Centre for Advanced Scientific Research, Jakkur, Bangalore, India</p> <p><i>Nanomaterials: The Journey from Laboratory to Industry</i></p>
	:	<p>Masakazu Umezawa</p> <p>Department of Mater. Sci. and Tech., Tokyo Univ. of Sci., Katsushika, Tokyo, Japan</p> <p><i>Functional Bio imaging for Deep Tissues using Over-1000-Nm Near-Infrared Fluorescent Materials</i></p>
	:	<p>Kyohei Okubo</p> <p>Department of Mater. Sci. and Tech., Tokyo Univ. of Sci., Katsushika, Tokyo, Japan</p> <p><i>Quantitative Visualization of Lipid Distribution in Mouse Livers by using Near-Infrared Hyperspectral Imaging</i></p>
Oral Presentations		
	:	<p>S. K. S. Parashar</p> <p><i>BZT-BCT Lead Free Piezoelectric Nanomaterial for Microwave Device Application</i></p>
	:	<p>S. R. Wadgane</p> <p><i>Structural and Magnetic Characteristics of Cr – Zn Substitution In Cobalt Ferrite With Ferroelectric Na_{0.5}Bi_{0.5}TiO₃ Composite</i></p>
	:	<p>Jancy Ayyaswamy</p> <p><i>Technology Roadmap on Materials: Technology Vision 2035</i></p>
	:	<p>N. Dhananjaya</p>

		<i>Environmental Friendly Synthesis and Characterization of Chonemorphafragrans Leaf Extract Mediated ZnO/Ag Nanostructures for Luminescence Applications</i>
	:	Naorem Santakrus Singh <i>Flexible ZnO/PANI Heterojunction Diode</i>
	:	B. Vijaya kumar <i>Electron Transport Studies in CuO Doped Borophosphate Glasses</i>
	:	Sumitra Phanjoubam <i>Effect of Sintering Temperature on the Properties of Cobalt Substituted Lithium Ferrites</i>
	:	S. K. Nomita Devi <i>Enhanced Photocatalytic Activity of Doped ZnO Nanoparticle</i>
	:	U. Sasikala <i>Effect of Low Molecular Weight Plasticizer (PEG) on PEO+PVP Based Polymer Blend Electrolyte Films</i>
		Parvathi Patil <i>Fluorescent Conjugated Polymer Sensors for the Revealing of Nitroaromatics</i>
		Madhavrao K. Deore <i>Studies on Physical, Electrical and Gas Sensing Performance of Cu-Doped ZnO Thick Film</i>
		A. S. Manjunatha <i>Synthesis of SnO₂-WO₃ Nanocomposite Using and its Application for Photocatalyst: A Green Approach</i>
		Nirmala Vaz <i>Exploration of OSO₄ And RuCl₃ Catalysis on Oxidation-Kinetics of Theophylline Drug with Alkaline Chloramine-B: A Mechanistic Study</i>
		P. P. Swain <i>A Comparative Study of Crystallographic and Thermal Behavior of Green SPANI Composites and Green Spani Nanocomposites Prepared from Natural Fibers of Musa Sapientum and Saw Dust</i>
		Nandkishor B <i>Synergistic Effects of TiO₂ Nanocomposite Starch-Based Biodegradable Copolymer as Plant Growth Regulator</i>

		Suman Chatterjee <i>Sensor Elements Made From ZnO Nanorods for Determination of Quality of Made Tea</i>
		Ashok G. Matani <i>Graphene and Aluminium Batteries and Nanomaterials in Electric Vehicles : Potentialities and Prospects in Indian Automobile Industries</i>
Concurrent Poster Session –I (PP – 36 TO PP - 70)		

January 07, 2020

02:00 – 03:00 PM		
Venue		Cluster II – College of Agriculture, South Block : Hall 11
Invited Lectures/ Oral Presentations		
Invited Lectures	:	Ujjwal Verma, Department of Electronics and Communication Engg, Manipal Institute of Technology, Manipal, Karnataka <i>Deep Learning in Satellite Image Analysis: Current Status, Trends and Challenges</i>
	:	Md. Alimul Haque Dept. of Computer Science, V. K. S. University, Ara, Bihar <i>Comparative Study on OSNs Threats and their Classification</i>
	:	Mukti Prasad Technology Information Forecasting and Assessment Council (TIFAC), New Delhi <i>Technology Vision 2035: Information and Communication Technology</i>
Oral Presentations	:	Aziz Makandar, Karnataka State Akkamahadevi Women's University, Vijayapura, India <i>Preprocessing Steps in the Diagnosis of MRI images in Neurological Disorders</i>
	:	Anil Kumar Jain, <i>Kumudendu Encryption Scheme: An Efficient and Versatile Indian Cryptographic System</i>

	:	<p>Boopathy D., Department of Information Technology, Bharathiar University, Coimbatore, Tamil Nadu</p> <p><i>Multi-dimensional Encryption Techniques to Protect the Video Files from Security Threats</i></p>
	:	<p>Shailini Dixit, Asstt.Regional Director (IGNOU), New Delhi</p> <p><i>Role of ICT in Development of Healthcare in Rural India</i></p>
	:	<p>Rajkumar Yadav, Indira Gandhi University, Meerpur, Rewari, Haryana</p> <p><i>A Novel Data Hiding Scheme Using Pixel Interpolation in Spatial Domain</i></p>
	:	<p>S. Sridevi, Dept. of IT, Bharathiar Univ, Coimbatore</p> <p><i>Improving Classification based Accuracy for IVUS Images based on Feature Extraction Techniques</i></p>
	:	<p>B K Chaudhuri, Jadavpur University, Kolkata</p> <p>Importance of entropy and information in Cell to Cell Communication</p>
	:	<p>Meghna Manjaree, Manipal Institute of Technology, Manipal</p> <p><i>Approximation of weight through Digital 2-D image of object</i></p>
	:	<p>Leena H.U., Dept. of MCA, Siddaganga Institute of Technology, B.H. Road, Tumakuru 572103, Karnataka</p> <p><i>GIS and Cloud Integrated Online Soil Fertility Management System</i></p>
General Discussion and Recommendations		

