

<b>SECTION</b>		<b>PHYSICAL SCIENCES</b>
<b>Sectional President</b>		<b>Prof. Vijay Janardhan Fulari</b> , Department of Physics, Shivaji University, Kolhapur
<b>Sectional Recorder</b>		<b>Dr. Vineet Kumar Rai</b> , Department of Physics, IIT , Dhanbad
<b>Sectional Secretary</b>		<b>Dr. Ramesh Chander Thakur</b> , Lovely Professional University, Jalandhar.
<b>January 04, 2019</b>		
14.00 – 17.30.		
<b>SECTIONAL COMMITTEE MEETING</b>		
<b>Venue</b>		<b>Block 29, Room – 304</b>
<b>Presidential Address</b>		<b>Prof. Vijay Janardhan Fulari</b> , Department of Physics, Shivaji University, Kolhapur ( MH.)
<b>Platinum Jubilee Lecture</b>		<b>Prof. Ashok Kumbharkhane</b> , A Time Domain Dielectric Relaxation Spectroscopy: Challenges and Opportunities.
<b>Foreign Scientist Speakers</b>		<b>Prof. Jagdish P Singh</b> , Laser Induced Breakdown Spectroscopy: Application to Gas Samples.  <b>Dr. Pankaj Koinkar</b> Synthesis of two-dimensional layered materials using laser ablation in liquid environment.
<b>Young Scientist Award Presentations</b>		<b>Gaurav Mahadev Lohar</b> , Department of Physics, Lal Bahadur Shastri College of Arts, Science and Commerce, Satara  <b>Sudipta Biswas</b> , Department of Physics, Indian Institute of Technology Kharagpur, Kharagpur  <b>Mangesh Shrikant Jadhav</b> , Department of Physics, Karnataka University, Dharwad, Karnataka. <b>Hanumant Ramdas Gite</b> , Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada

		University, Aurangabad (MS)  <b>Ajaz Hussain</b> , Condensed Matter Physics Research Lab, Department of Physics, University of Lucknow, Lucknow
<b>17.00 – 17.30 SECTIONAL COMMITTEE ELECTION</b>		

<b>January 05, 2019.</b>		
<b>Venue</b>		<b>Block 29, Room – 304</b>
<b>14.00 – 17.00</b>	<b>Symposium: Physical Sciences- Optics and Its applications, Physics for science and Technology.</b>	
<b>Invited Lectures</b>		<b>Dr. P. Yadgiri Reddy.</b> <i>The study of spin dynamics in some Fe based magnetoelectric multiferroic materials</i>
		<b>Prof. C. D. Lokhande</b> <i>Morphology dependent applications of nanocrystalline thin films</i>
		<b>Dr. S. B. Kulkarni</b> <i>Multiferroic Composites and Heterostructures</i>
		<b>Prof. Santhosh Chidangil</b> <i>Micro-Raman Spectroscopy combined with Optical Trap study of Live Red Blood Cells and its Response to Externally Induced Stress</i>
		<b>Prof. U. S. Raikar</b> <i>Sensors Using Optical Fiber Grating Technology coupled with Nanotechnology and their potential applications</i>
		<b>Prof. Manisha Gupta</b> <i>Ultrasonic, Spectroscopic and DFT Studies of Binary Mixtures of Poly(vinylpyrrolidone) ( PVP) with Ethanol, 1- Propanol and 1- Butanol at varying Temperatures</i>
		<b>Prof. Subhash. Behere</b> <i>Estimation of the Rotational Temperature from Spectral Lines of MgH Molecule Observed in Sun Spot</i>

		<i>Umbra.</i>
		<b>Prof. S. B. Rai</b> <i>Addition and division of photons in rare earth doped nano-materials.</i>
		<b>Prof. Sugriva Nath Tiwari</b> <i>Electronic Structure and Properties of Some Thermotropic Liquid Crystals</i>
16.00 – 17.45	<b>Concurrent Poster Session –I (1-40)</b>	
<b>BEST POSTER AWARD PRESENTATIONS</b>		

<b>January 06, 2019</b>		
<b>Venue</b>		<b>Block 29, Room – 304</b>
<b>14.00 – 17.00</b>	<b>Symposium: Physical Sciences-exploring the ways in science and technology</b>	
<b>Invited Lectures</b>		<b>Dr. Vineet Kumar Rai</b> <i>Improved frequency upconversion in rare earths doped solid materials and their applications.</i>
		<b>Prof. K.K. Mahato</b> <i>Non-invasive assessment of tissue repair by Laser Induced auto fluorescence.</i>
		<b>Dr. Atul Khanna, Professor, GNDU Amritsar</b> <i>Liquid–liquid transitions in borate and tellurite glass systems</i>
		<b>Dr. Harsh Kumar, Associate Professor, HOD, NIT Jalandhar.</b> <i>Repercussion of synthesized imidazolium based ionic liquids on the agglomeration of conventional surfactants in aqueous media</i>
		<b>Dr. R. K. Upadhyay, Professor, Agra University</b> <i>Speech Technology by 2020</i>

**Concurrent Poster Session –II ( PH041- PH086)**

<b>January 07, 2019</b>		
<b>14:00 – 15:00</b>		
Venue		<b>Block 29, Room – 304</b>
<b>14.00 – 15.00</b>	Invited Lectures/ Oral Presentations	
		<p><b>R. K. Shukla, Department of Physics, University of Lucknow, Lucknow</b></p> <p><i>Characterization of Copper added Tellurium-rich Chalcogenide Thin Films</i></p>
		<p><b>Anchal Srivastava, Department of Physics, University of Lucknow, Lucknow</b></p> <p><i>Faster photoresponse in Mg Doped Nanocrystalline ZnO Thin Films</i></p>
		<p><b>J. P. Gewali, Department of Physics, Lovely Professional University, Punjab</b></p> <p><i>Effect Of Heavy Ion Interaction In Glass Detector</i></p>
		<p><b>Rameshwar B. Borade, Department of Physics, Jawahar Art Science and Commerce College, Andur, Osmanabad</b></p> <p><i>Structural and Magnetic Properties of <math>Y_{3-x}Bi_xAl_{0.5}Fe_{4.5}O_{12}</math> Nanoparticles Synthesized By Sol-Gel Auto-Combustion Method</i></p>
		<p><b>Anand Kumar Srivastava, Birla Institute of Technology, Mesra, Jaipur Campus, Jaipur.</b></p> <p><i>Stationary And Moving Pattern Formation In Surface Dielectric Barrier Discharge Plasma</i></p>
		<p><b>Udayakumar, R., Suriyakumari, Department of Physics, Annamalai University, Annamalai nagar</b></p> <p><i>Ftir Spectral Investigations On The Impact Of Sildenafil Citrate (Viagra) On Liver Of Ethanol Fed Albino Rats</i></p>
<b>GENERAL DISCUSSION AND RECOMMENDATIONS</b>		