

Monday: 11 December 2017

Session A: Science and Technology for memory devices		
Poster Number	Title	Presenting Author
P-A1	TMR in Magnetic Tunnel Junctions with Phenalenyl-molecule Tunnel Barriers	Neha Jha
P-A2	Non-volatile Resistive switching in BiYO ₃ Thin-films	Divyanshu Bhatnagar
P-A3	Influence of Deposition Temperature on Memristance in n-Si/Y ₂ O ₃ /Al Structure	Mangal Das
P-A4	Performance Assessment of Tunnel Field Effect Transistors based Capacitorless Dynamic Memory	Nupur Navlakha
P-A5	A high performance flexible thin film transistor of amorphous indium gallium zinc oxide (a-IGZO) by using polymer electrolyte as gate dielectric	Chandan Samanta
P-A6	A comprehensive study of influence of interparticle interaction on the optical and magnetic properties of NiO nanoparticles	Mohammed Arif
P-A7	Effect of Thickness and Post-Annealing on the Magnetic Properties of Sputtered Mn ₅₆ Al ₄₄ Binary Compound	Nanhe Kumar Gupta
P-A8	Structural, dielectric and magnetic characterization of NiMgCuZn nanoferrites sintered by microwave and conventional techniques	Biju Thangjam
P-A9	Resistive switching behavior in ferroelectrics and dielectrics for multi-states logics and memories	Ashok Kumar
P-A10	Temperature Dependent Ferroelectric Properties of Sm & Fe Substituted BaTiO ₃	Khushbu
P-A11	Structural and Optical Properties of Pure and Ag-Doped ZnSe Thin Films deposited by Pulse Laser Deposition technique	Pawan Kumar
P-A12	Large exchange bias and giant vertical shift in LaFeO ₃ -NiO nanocomposite	Priyanka Sharma
P-A13	Giant Spontaneous Exchange Bias Effect in Hard/Soft Ferromagnetic Bilayer	Md. Shadab Anwar
P-A14	Structure refinement, dielectric and ferroelectric properties of Zr doped BaTiO ₃ Ceramics	Kanta Maan Sangwan
P-A15	Mechanical and electrical fatigue endurance of flexible bilayer polymer nonvolatile memory devices	Deepa Singh
P-A16	Structural, Dielectric and impedance properties	Bibhuti Bhusan Sahu

	of Mg ₂ -Y hexaferrite	
P-A17	An Insight into Excellent Ferro-/Pyroelectric Response of 0.57BF-0.31PMN-0.12PT Ternary Ceramic Far Away from Morphotropic Phase Boundaries	Abhilash Joseph
P-A18	Scaling Effect on Magnetic Tunnel Junction	Debasis Das
P-A19	Tungsten doping effect on the electro-magnetic properties of Y-type hexaferrite, a material for high-frequency chip magnetic components	Pradip Kumar Roy
P-A20	Ferroelectric Phase transition and electrical properties of Sr(Bi _{0.5} V _{0.5})O ₃	Bijuni Charan Sutar
P-A21	Structural phase analysis, band gap tuning and photoluminescence properties of Eu-doped TiO ₂ nanoparticles	Tinku Ali
P-A22	Electrical Characterization of PbBi ₂ Ta ₂ O ₉	P L Deepti
P-A23	Phonon and thermal properties of Titanium Trisulfide (TiS ₃) few layer Nano-ribbons: High pressure Raman studies	Karuna Kara Mishra
P-A24	Metal/SrBi ₂ Ta ₂ O ₉ /TiO ₂ /Si MFIS Capacitors for FeRAM applications	Satinder Kumar
P-A25	Reduction in hardness in CeO ₂ as a result of strain generation and lattice distortion due to Co substitution	Saurabh Tiwari
P-A26	Reduction in hardness in CeO ₂ as a result of strain generation and lattice distortion due to Ni substitution	Saurabh Tiwari
P-A27	Synthesis of ferrimagnetic/ferroelectric composite and its magnetic and electrical characterization	Atiya Farheen
P-A28	Structural phase transition of yttrium manganites on nickel substitution	Kshetrimayum Sangeeta Devi
P-A29	Low-Temperature Sintering and Dielectric Properties of Bismuth and Lithium Co-Substituted Barium Titanate Ceramics for Multi-Layered Ceramics Capacitor Applications	Mahmoud Saleh Alkathy
P-A30	Magnetodielectric effects in NiO nanoparticles	Subir Roy
P-A31	Modified fabrication approach to engineer the properties of PVDF-TrFE thin film capacitors	Shashikant Gupta
P-A32	The effect of (La, Ho) co-doping on the structure and magnetic properties BiFeO ₃	Suresh Pittala
P-A33	Thickness dependence Wettability of MoS ₂ Thin Films Grown by Chemical Vapor Deposition	Budhi Singh
P-A35	Process Optimization for Thin Films of Phase Change Materials	Kaushik Annam

P-A36	Enhancement of Polarization in Modified PZT Ceramics for Low Electric Field Memory	Pratibha Singh
Session B: Smart Sensors, Transducers, Actuators and MEMS		
Poster Number	Title	Presenting Author
P-B1	Dielectric Relaxation in Ba _{0.85} Ca _{0.15} Zr _{0.05} Ti _{0.95} O ₃ Ceramic Synthesized by Hydrothermal Synthesis Process	Radheshyam
P-B2	Fabrication of high responsivity Ultraviolet (UV) photodetector by using Indium Gallium Zinc Oxide (IGZO) thin film	Chandan Samanta
P-B3	Investigations on effects of humidity on the NO ₂ sensing of Fe doped Strontium Titanate	Neha Sarin
P-B4	Analysis of higher order correction factors to the polarizability and refractivity of Helium gas for Fabry Perot cavity based Pressure Sensors	Vikas Narayan Thakur
P-B5	Array of four gas sensing elements having integrated microheaters on SiO ₂ /Si membrane for E-nose	Anjali Sharma
P-B6	Synthesis and characterization of ferroelectric lead free Na _{0.52} K _{0.44} Li _{0.04} Nb _{0.84} Ta _{0.10} Sb _{0.06} O ₃ ceramic	Abid Hussain
P-B7	MEMS based cantilevers for energy harvesting	Reema Gupta
P-B8	Template based synthesis of mesoporous Fe ₂ O ₃ nanoparticles and their application as gas sensors	Meenakshi Dutt
P-B9	Fabrication and Characterization of Ni/NiO/Al Metal-Insulator-Metal Tunnel Junction	Shilpi
P-B10	Rapid and selective detection of hydrogen sulfide by Ag nanorods	Shashank Kumar Gahlaut
P-B11	Synthesis of micrograss like α -MoO ₃ and their enhance ethanol sensing performance	Biswajit Mandal
P-B12	Influence Of Indium Doping On Structural, Optical And LPG Gas Sensing Properties Of Chromium Oxide Nanoparticles	Nipin Kohli
P-B13	Facile Synthesis of porous CuO nanosheets as high-performance NO ₂ gas sensor	Narender Budhiraja
P-B14	Investigation on Structural and Ferroelectric Properties of BZT Ceramics Synthesized at low Temperature	Renu
P-B15	MoS ₂ monolayers grown by PLD technique for sensing applications	Sujit Kumar
P-B16	Oriented growth of rare earth free permanent magnetic thin films	Satyendra Parkash Pal
P-B17	Advancement in MEMS Technology for Bio-	Monica Lamba

Robotics Application		
P-B18	Highly Sensitive Graphene Oxide Based Micro Sensors for Real Time and Selective Detection of F- in Water	Mahesh Soni
P-B19	VOC's Sensor using ZnO thin film on prefabricated IDE using Silicon as substrate	Manish Deshwal
P-B20	Flow Rate/Pressure Effect on Base Resistance of MOX Gas Sensor	Rahul Prajesh
P-B21	Modification in the properties of SnO ₂ & TiO ₂ nanocomposite thin films by Low Energy Ion irradiation	Rajesh Kumar
P-B22	Structural, Ferroelectric and Piezoelectric studies of Bismuth doped Pb(ZrSnTi)O ₃	Hitesh Kumar
P-B23	Electrophoretic Deposition as a Novel Technique to Fabricate Humidity Sensors	Prabal Tiwari
Session G: Tunable dielectrics for RF and high frequency devices		
Poster Number	Title	Presenting Author
P-G1	High Temperature Dielectric Relaxation and Impedance Spectroscopy Studies on Pristine and La ³⁺ substituted BiYO ₃	Divyanshu Bhatnagar
P-G2	Electrical, dielectric and EMI shielding behaviour of copper metal, copper ferrite and PVDF composite	Krishna Halder
P-G3	Graphene and its derivatives based Nanocomposites as potential candidate to swallow microwave pollution	Monika
P-G4	Structural, Dielectric, Piezoelectric and Mechanical properties of Benzil Single Crystal Grown by Solution and Czochralski Techniques for Patch Antenna Applications	Sumit
P-G5	U-type hexaferrite based dual-layer broadband microwave absorber	Sandeep Kumar
P-G6	Low loss multiferroic Ba _{0.6} Sr _{0.4} TiO ₃ /CoFe ₂ O ₃ thin film heterostructures for Voltage tunable device application	Sudheendran
P-G7	Highly Flexible and Light Weight Hybrid Composite Paper for Excellent Electromagnetic Interference Shielding Architecture Design	Anisha Chaudhary

Tuesday: 12 December 2017

Session C: Science and Technology of Multiferroic and Magneto-electrics		
Poster Number	Title	Presenting Author

P-C1	Magneto dielectric behaviour of Sr doped $\text{Ca}_{1-x}\text{Sr}_x\text{Mn}_7\text{O}_{12}$	Parul Jain
P-C2	Study on the Structural and Optical Properties of Nanocrystalline Bismuth Ferrite (BiFeO_3) Thin Films	Ngangom Boinis
P-C3	Structural and Magnetic Properties of V_2O_5 - Na_2SiO_3 added $\text{Li}_0.5\text{Fe}_2.5\text{O}_4$ Spinel Ferrite Ceramics Prepared by High Energy Ball Milling	J. Touthang
P-C4	Microwave sintering of V_2O_5 - Na_2SiO_3 added Li-Mn-Ti ferrites and effects on the structural and permeability properties	Mamata Maisnam
P-C5	Electrical Poling Induced Strain on Magnetism in $\text{Pb}(\text{Fe}_{0.534}\text{W}_{0.066}\text{Nb}_{0.4})\text{O}_3$	Shidaling Matteppanavar
P-C6	Evidence for a succession of two spin-glass transitions with magnetoelastic and magnetoelectric couplings in multiferroic $(\text{Bi}_{1-x}\text{Ba}_x)(\text{Fe}_{1-x}\text{Ti}_x)\text{O}_3$ system	Arun Kumar
P-C8	Structural and Multiferroic Properties of (Yb, Co) co-doped BiFeO_3	Manoj K. Singh
P-C9	Role of Ti substitution on magnetic and ferroelectric properties of SmFeO_3	Satyaprakash Sahoo
P-C10	Effect of sintering temperature on the structural electrical and magnetic properties of ferrites	Sanatombi Sorokhaibam
P-C11	Magnetoelectric Multiferroic Behavior in Ferrimagnetic -Ferroelectric Composites	Prakash Bongurala
P-C12	Modifications of multiferroic properties of BiFeO_3 by Pr doping and Ce, Mn co-doping	Jarnail Singh Bangruwa
P-C13	$\text{BiFeO}_3/\text{SrRuO}_3$ Heterostructure as a Composite Multiferroic Material	Anomitra Sil
P-C14	Structural, dielectric and optical studies of low temperature synthesized $\text{Bi}_{1-x}\text{Gd}_x\text{FeO}_3$ ($x=0.10, 0.11, 0.12, 0.13, 0.14, 0.15$) nanoceramics	Ibetombi Soibam
P-C15	Effect of Sintering Temperature on Dielectric and Ferroelectric Properties of Modified Lead Zirconate Ceramics	Parveen Kumar
P-C18	Effect of Pr^{3+} substitution on structural, dielectric, electrical and magnetic properties of $\text{BiFe}_{0.80}\text{Ti}_{0.20}\text{O}_3$ [$\text{Bi}_{1-x}\text{Pr}_x\text{Fe}_{0.80}\text{Ti}_{0.20}\text{O}_3$, $x = 0.05, 0.10, 0.15$] ceramics	Prakash Chandra Sati
P-C19	Magnetic and Electric Study of Transition Metal Ion - Metal Organic Framework	Vikas Malik
P-C20	Synthesis, characterisation and study of electrical and dielectric properties of Manganese doped bismuth ferrite ceramics	Adhikarimayum Deepak Sharma

P-C21	How to achieve multiferroicity in ZnO??	Jeetendra Kumar Tiwari
P-C22	Raman Spectroscopy and Photoluminescence study of Cr substituted BiFeO ₃ thin films	Shaan Ameer
P-C23	Effect of Zn doping on the Structure and Ferroelectric Properties of GaFeO ₃	Nandni Sharma
P-C24	Effect of pH on the adsorption of Alkali cations in magnetite nanoparticles	Loushambam Herojit Singh
P-C25	DIELECTRIC AND MAGNETIC PROPERTIES OF RARE EARTH DOPED Lu _{1-x} RE _x FeO ₃ (RE=La, Ho)	Leelashree S
P-C26	Photoconductivity Studies in Ca ²⁺ and Ti ⁴⁺ Co-doped BiFeO ₃ Spark Plasma Sintered (SPS) Pellets	Subhajit Nandy
P-C27	Probing local environment of (Fe/Mn) codoped CuO nanocrystalline by SXAS, XANEX and EXAFS studies	Mohammad Nasir
P-C28	Voltage-controlled reconfigurable spin wave nanochannels and logic devices	Bivas Rana
P-C29	Studies on multilayered multiferroic BST/NCZF thin films	Poonam Pahuja
P-C30	Studies on La Modified (Co _{0.80} Ni _{0.20} Fe ₂ O ₄) + 0.90(Pb(1-3y/2)LayZr _{0.55} Ti _{0.45} O ₃) ME composites	Dipti
P-C31	Investigations on Variation in Ni Content in PLZT-CNFO Magneto Electric Composites	Dipti
P-C32	Electrical Properties of Conventional and Microwave sintered lead free magnetoelectric Composites	ChandraPrakash
P-C33	Structural Properties of MoS ₂ Layers Grown by CVD Technique	Radhapiyari

Session D: Physics and Application of heterostructures and superlattices

Poster Number	Title	Presenting Author
P-D1	2DEG Density in Dual Ion Beam Sputtering Grown ZnO Based Heterostructures	Rohit Singh
P-D2	Ultrafast Charge Transfer Dynamics at F16CuPc/TiO ₂ Interface	Sumona Sinha
P-D3	Superlattice design for maximal thermoelectric efficiency at finite power	Pankaj Priyadarshi
P-D5	Structural and Magnetic characterization of post-deposition annealed Yttrium Iron Garnet films on GGG (111) and MgO (100) Substrates	Ravinder Kumar
P-D6	Heterojunction of NiO nanoparticles-ZnO for transparent electronic applications	Manisha Tyagi

P-D7	Emerging 2D Materials Heterostructures for Optoelectronics	Abdus Salam Sarkar
P-D8	The study of optical and structural properties of CZTS	Om Pal Singh
P-D10	Polar solvents induced exciton-trion dynamics in single-layer WS ₂	Satyaprakash Sahoo
P-D11	Fabrication of Large Scale Low Cost Three-Dimensional Hybrid Silicon Nanostructures for Wettability Studies	V S Vendamani
P-D12	NiO-SnO ₂ heterostructure thin films based low temperature SO ₂ gas sensor	Punit Tyagi
P-D13	Raman investigation of Silicon structures: Phonon confinement effect	Kapil Saxena
P-D14	Bottom up investigation of switching in superlattice phase change memories	Jyotsna Bahl
P-D15	Magnetic domain studies in CeY ₂ Fe ₅ O ₁₂ (Ce:YIG) thin films	Pramod Ghising
P-D16	Layer Thickness Dependent Interfacial Dzyaloshinskii-Moriya Interaction in Ta/CoFeB/TaO _x Heterostructures	Avinash Kumar Chaurasiya
P-D17	Screened Flexural Phonon drag thermopower in Bilayer Graphene	Mohd Meenhaz Ansari
P-D18	Improved thermoelectric power-efficiency trade-off via anti-reflection enabled double barrier heterostructure	Swarnadip Mukherjee

Session E: New trends in spintronics and topological phenomena

Poster Number	Title	Presenting Author
P-E1	Tunable magnetic configuration and magnetization dynamics driven by bias field in Ni ₈₀ Fe ₂₀ nano-cross structures of varying arm lengths	Kartik Adhikari
P-E2	Large Modulation of Gilbert Damping Coefficient by Varying Underlayer of CoFeB Thin film from Few-Layer-Graphene to Graphite	Sumona Sinha
P-E3	Band-Pass spin filtering: A new direction for spintronics devices	Abhishek
P-E4	Tunable magnetic and microwave properties in multi-layer rhomboid nanomagnet	B Krishna
P-E5	Crossover behavior of Anomalous Hall effect in Co ₂ FeSi Heusler alloy thin films	Binoy Krishna Hazra
P-E6	Investigation of the effect of electron-phonon interaction in the thermoelectric response of Anderson-Holstein model based heat engine	Bitan De

P-E7	Emergence of magnetism in Silicene by introducing Carbon atom as foreign atom in all possible ways	Jyoti
P-E8	Effect of SiO ₂ content on the structural, morphological and magnetic properties of Co ₂ FeGa nanoparticles	Priyanka
P-E9	Investigation of bulk and surface states of Bi ₂ Se ₃	Amit Jash
P-E10	Magneto Transport Studies on Bi ₂ Se ₃ Single Crystals	Archana Lakhani
P-E11	Bias-field free smart magnetic waveguides for magnonic devices	Arabinda Halder
P-E12	Reciprocity in Spintronics	Ashwin Tulapurkar
P-E13	Spin-pumping in Ion-Beam Sputtered Co ₂ FeAl/Mo Bilayer thin films: Interfacial Gilbert Damping	Sajid
P-E14	Development of magnetic vortex transistor and logic circuit	Sucheta Mondal
P-E15	Proximity induced superconducting behavior in topological insulators	Devendra Kumar
P-E16	Structural and Optical property of V modified nickel oxide	Ruhul Amin

Wednesday: 13 December 2017

Session H: Magneto-optic, Photonic and Acousto-optic applications		
Poster Number	Title	Presenting Author
P-H1	Study of ZnO-Oligophenylenevinylene nano-hybrid for Optoelectronic Applications	Aaryashree
P-H3	Dual ion beam sputtering grown MgZnO based UV heterojunction photodetector	Ritesh Bhardwaj
P-H4	Silicon based Broadband Reflector for On-chip Photonic Devices	Sourabh Jain
P-H5	Dielectric studies on pure and aluminium doped zinc oxide	Khuraijam Jyotsna
P-H6	Growth of SBN75 thin films: Birefringence and Electro-Optic Studies	Surbhi Gupta
P-H7	Gold Plasmons induced enhanced Photoconduction in ZnO thin film	Akshta Rajan
P-H8	Refractive index modulation of SiO ₂ nanostructured thin films deposited using different techniques	Surbhi Jain
P-H9	Long range surface plasmon resonance based sensors: towards	Ayushi Paliwal

	enhanced sensitivity	
P-H10	Study of Non linear optical properties in KNN thin films	Shweta Sharma
P-H11	Study of the magnetic behavior of EuB6 with Magneto Optic Imaging technique	Dibya Jyoti Sivananda
P-H13	Ultrafast carrier dynamics in Ag- and Ca-doped ZnO nanostructures	Jit Sarkar
P-H14	Development of magneto-optic kerr effect (MOKE) based magnetic field sensor using ferromagnetic ZnO:(N,Li) thin film	Kajal Jindal
P-H15	Fabrication of SAW devices for ultraviolet photo-detector	Kajal Jindal
P-H16	Effect of Pump Fluence on Ultrafast Magnetization Dynamics of Permalloy Thin Film with Varying Thickness	Sucheta Mondal
P-H17	Imaging of low dimensional melting at low fields in Ba _{0.6} K _{0.4} Fe ₂ As ₂ superconductor	Ankit Kumar
P-H18	First Principles study of the influence of metallic-doping on nanocrystalline ZnS : From efficiency aspects for use in a ZnS based Dye Sensitized Solar Cell (DSSC)	Debabrata Mishra
P-H19	Copper nanostructures deposited by glancing angle deposition for various applications	Gaurav Shukla
P-H20	Transmission studies of magnetic fluid filled capillary under the influence of external magnetic fields	Sanyogita
P-H21	Printed graphene based flexible transparent conductive films	Subimal Majee

Session I: Piezoelectrics and photovoltaics for energy harvesting and conversion

Poster Number	Title	Presenting Author
P-I1	Effect of Nd doping on structural, ferroelectric and piezoelectric properties of ZnO nanoparticles	Kriti Batra
P-I2	Microstructure assisted ferroelectric domain distribution and the study of domain wall dynamics under applied bias in Na _{0.5} Bi _{0.5} TiO ₃ Thin Films	Kumaraswamy Miriyala
P-I3	Fabrication and Characterization of Flexible polyvinylidene fluoride/zinc oxide and polyvinylidene fluoride/Aluminums doped zinc oxide films	Huidrom Hemanta Singh
P-I4	Controllable Design of Highly Efficient CH ₃ NH ₃ PbI ₃ Solar Cells	Arun
P-I5	Electron transport layer free perovskite solar cell with high open circuit voltage and dependence of scan rate on device performance	Prathibha Jasti
P-I6	Cation Exchange for 3D-2H Transformation of Perovskite Thin Films using Vapour Annealing: An Interplay of Tolerance Factor	Akash Singh
P-I7	Optical study of ZnS nanospheres with varying amount of ethylenediamine for photovoltaic application	Amruta Pattnaik
P-I8	Synthesis of Reduced Graphene Oxide and their application in Zinc Oxide Thin Film based Solar Cells	Chandra Bhal Singh

P-I9	Study of electrical properties of BZT- BCT with neodymium doping	Shreya Mittal
P-I10	Fluorescent Gold Nanoclusters for Energy Harvesting: Synthesis, Characterization and Photovoltaic Studies	Manjri Singh
P-I11	Optical analysis of kesterite structured compound semiconductor $Cu_2ZnSnSe_4$ with antisite defects	Ankur Taya
P-I12	ZnS nanostructures for Photovoltaic applications	Manjula Sharma
P-I13	Structural and ferroelectric property of $(1-x)PbTiO_3-(x)LaAlO_3$ ceramics	Arun Kumar Yadav
P-I14	Structural and Electrical Properties of KNN-based Lead-Free Piezoceramics	Sushmita Dwivedi
P-I15	Comparison of Photovoltaic response in multiferroic BFO thin film with different top metal electrodes	Savita Sharma
P-I16	Nanopowders of $(Ba,Ca)(Ti,Sn)O_3$ produced with Planetary Ball Mill and corresponding Ceramics	Chitra
P-I17	Effect of sintering temperature on the structural and electrical properties of $Na_{0.47}K_{0.47}Li_{0.06}NbO_3$ ceramics prepared by ceramic technique using high energy ball milling	Huidrom Surjalata Devi
P-I18	Synthesis of Zinc Oxide and Fabrication of Polyvinylidene fluoride /Zinc Oxide Nanocomposite Films	Leishungbam Anjuca
P-I19	Synthesis and Characterization of Nanocomposite thin films with different Concentration of Silver Nanoparticles on the Poly (vinylidene fluoride) Polymer	Siddhartha
P-I20	Evidence of photoluminescence in Pr^{3+} substituted sodium bismuth titanate synthesized through hydrothermal route	Cilaveni Goutham
P-I21	Structural and Electrical Properties of $Ba_{1-x}Y_xTi_{0.955}Zr_{0.045}O_3$ Ceramics	Meenakshi
P-I22	Efficient dipole-dipole coupling in a co-sensitized nanohybrid: An approach to enhance solar energy conversion	Jayita Patwari
P-I23	Effect of grain size on dielectric property of $Na_{0.47}Bi_{0.47}Ba_{0.06}TiO_3$	Anita
P-I24	Structural, dielectric and ferroelectric properties of lead-free piezoelectric $0.90(Na_{0.50}Bi_{0.50}Ti)O_3-0.10AgNbO_3$ ceramic	Anita
P-I25	Optimized structural phase boundary through characteristic luminescence of Nd in NBT-BT systems	Kumara Raja Kandula
P-I26	Synthesis, dielectric and ferroelectric characterization of $0.91Pb[Zn_{1/3}(Nb_{0.99}Co_{0.01})_{2/3}]O_3-0.09PbTiO_3$ Ceramic	Budhendra Kumar Singh
P-I27	Dielectric and Piezoelectric Properties of Lead-Free $(Bi, Na)_{0.5}(Ti, Zr)O_3$ Ceramics For Energy Harvesting Applications	D. Pamu
Session J: Biocompatible systems for medical applications, theranostics and devices for drug delivery		
Poster Number	Title	Presenting Author
P-J1	Resazurin based electrochemical method for Rapid screening of antibiotics against bacterial strains	Priyanka Mishra

P-J2	Water mediated polarization and electron transport channels in high resistance natural fibers: a candidate for electric field sensors	Ankit Kumar
P-J3	Neem Leaf Extract Synthesis of the Fe ₂ O ₃ Nanoparticles and application	Rakesh K. Sonker
P-J4	Ultrasensitive Electrochemical Detection of Uric Acid by Uricase immobilized Au-rGO Electrode	Shilpi Verma
P-J5	Al doped Zinc oxide thin film as an efficient matrix for urea detection	Neha Batra Bali
P-J6	A contrivance based on electrochemical integration of graphene oxide/nickel oxide nanocomposite for bilirubin biosensing	Rachna Rawal
P-J7	Flower-like ZnO nanostructures based DNA biosensor for meningitis detection	Manvi Tak
P-J8	Highly exfoliated graphene oxide as a novel scaffold for growth and differentiation of UCB-derived stem cells	Richa Baronia
P-J9	Investigating Thermoluminescent Properties of Nanocrystalline Lithium Borate Doped with Dysprosium	Kanika Sharma
P-J10	Detection of breast cancer biomarker (CA 15-3) in human sera based on NiO thin film electrode	Kashima Arora
P-J11	Charge transfer through polymer thin film	Prashant Kumar Bhartiya
P-J12	Influence of surface modification for hydroxyapatite nanoparticles by biomolecules on transfection efficiency	Hiroaki Komuro