

## List of selected Poster Presentation

No	Name	Address	Email-id	Title
1	<b>Ajay Yadav</b> , S.K.Dubey, R.L.Dubey, Vidya Jadhav, Vaishali Bambole , I. Sulania, Fouran Singh, Pavan Kularia and D. Kanjilal	Department of Physics, St. Xavier's College, Mumbai-400 01, India	<a href="mailto:skdubey@physics.mu.ac.in">skdubey@physics.mu.ac.in</a> <a href="mailto:ajay.yadav@xaviers.edu">ajay.yadav@xaviers.edu</a>	Modification of Structural and Optical properties of GaAs implanted with silicon negative (si-1) ions
2	<b>Alpa Zankat</b> , Bhargav Rajayguru, Keval Gadani, K.N. Rathod, Davit Dhruv, Sapana Solanki, K. Asokan, P.S. Solanki N.A. Shah and D.D. Pandya	Department of Physics, Saurashtra University, Rajkot	<a href="mailto:dhiren_pandya@yahoo.com">dhiren_pandya@yahoo.com</a>	Investigations on structural and dielectric response of Y <sub>0.95</sub> Sr <sub>0.05</sub> MnO <sub>3</sub> manganite thin films: Role of 200 MeV Ag <sup>+</sup> ion irradiation
3	<b>Anuradha Bhogra</b> , Anha Masarrat, Ramcharan Meena Dilruba Hasina, T. Som, and K.Asokan	Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi-110067, INDIA	<a href="mailto:anu.bhogra@gmail.com">anu.bhogra@gmail.com</a>	Structural, Optical and Electrical Properties of N Ion Implanted SrTiO <sub>3</sub> Thin Films
4	<b>Anumeet Kaur</b> , Seema Thakur, Lakhwant Singh, Anupinder Singh1, K.Asokan	Department of Physics, Guru Nanak Dev University, Amritsar, Punjab, 143005 India	<a href="mailto:lakhwant@yahoo.com">lakhwant@yahoo.com</a> <a href="mailto:anumeetphy@gmail.com">anumeetphy@gmail.com</a>	Effect of 200MeV Ag <sup>+</sup> ion irradiation on the Structural and Magnetic properties of Fe doped BST thin films
5	<b>Anumeet Kaur</b> , Seema Thakur, Lakhwant Singh, Anupinder Singh, K.Asokan	Department of Physics, Guru Nanak Dev University, Amritsar, Punjab, 143005 India	<a href="mailto:lakhwant@yahoo.com">lakhwant@yahoo.com</a> <a href="mailto:anumeetphy@gmail.com">anumeetphy@gmail.com</a>	Effect of 50 MeV Li <sup>3+</sup> ion irradiation on the Structural, Optical and Magnetic properties of Fe doped BST thin films
6	<b>Anup Kumar Bera</b> , Dileep Kumar	UGC-DAE Consortium for Scientific Research, Khandwa Road, Indore-452001, India	<a href="mailto:dkumar@csr.res.in">dkumar@csr.res.in</a>	Self-Smoothing of Ag (001) Surface: Evolution of Surface Morphology using RHEED
7	<b>Prashant Shukla</b> , Shristi Tiwari, Shalik Ram Joshi, M. Vasundhara, Shikha Varma, Jai Singh, Anupama Chanda	Dr. Harisingh Gour Central University, Sagar-470003, M.P., India	<a href="mailto:anupamamatsc@gmail.com">anupamamatsc@gmail.com</a>	Morphological and optical study of Cobalt doped ZnO multilayer thin films
8	<b>Arun Singh Dev</b> , Satish Potdar, Dileep Kumar, and Ajay Gupta	UGC-DAE Consortium for Scientific Research, Khandwa Road, Indore-452001, India	<a href="mailto:dkumar@csr.res.in">dkumar@csr.res.in</a>	Portable Mini-Chamber for Temperature Dependent Studies using Small Angle and Wide Angle X-ray Scattering
9	<b>Ashish Kumar</b> , R.C. Meena, K Asokan, D. Kanjilal	IUAC New Delhi, Delhi-110067, India	<a href="mailto:ashish@iuac.res.in">ashish@iuac.res.in</a>	Defect Engineering in GaN for Thermoelectric Applications
10	<b>Ashis Kumar Manna</b> , P. Dash, A. Barman, A. Kanjilal, D.	Institute of Physics, Sachivalaya Marg, Bhubaneswar - 751005, India	<a href="mailto:shikha@iopb.res.in">shikha@iopb.res.in</a>	Investigating resistive switching properties in ion implanted TiO <sub>2</sub> films

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	Kanjila, ShikhaVarma			
11	<b>Avinash B S</b> , Chaturmukha V S, Harish B M, Naveen C S, Rajeeva M P, Suresha S, Jayanna H S and Ashok R Lamani	Department of PG studies and research in physics, Kuvempu University, JnanaSahyadri, Shankaraghatta, Shivamogga, Karnataka, India. – 577451	<a href="mailto:ashok1571972@gmail.com">ashok1571972@gmail.com</a>	Enhancement in Acetone sensitivity due to particle size Effect of Sn Doped TiO <sub>2</sub>
12	<b>Baljeet Kaur</b> , Richa Bhardwaj, Jitendra P. Singh, P. Kumar, R. C. Meena, K. Asokan, K. H. Chae, N. Goyal, S. Gautam	Department of Physics, Panjab University, Chandigarh - 160 014, India	<a href="mailto:baljeet12@pu.ac.in">baljeet12@pu.ac.in</a> , <a href="mailto:sgautam@pu.ac.in">sgautam@pu.ac.in</a>	Valence state and co-ordination of implanted ions in MgO
13	<b>B Bharati</b> , Chandana Rath	School of Materials Science and Technology, Indian Institute of Technology (Banaras Hindu University), Varanasi, 221005, India.	<a href="mailto:chandananarath@yahoo.com">chandananarath@yahoo.com</a>	Effect of Ar <sup>2+</sup> Ion Irradiation in Structural and Magnetic Properties of TiO <sub>2</sub> Thin Films Deposited by e-beam Evaporation Technique
14	<b>Bhargav Rajyaguru</b> , Alpa Zankat, Keval Gadani, K.N. Rathod <sup>1</sup> , Davit Dhruv, Vipul Shrimali, Khushal Sagapariya, D.D. Pandya, K. Asokan, N.A. Shah and P.S. Solanki	Department of Physics, Saurashtra University, Rajkot – 360 005, India	<a href="mailto:piyush.physics@gmail.com">piyush.physics@gmail.com</a>	Thickness dependent structural and electrical properties of pulsed laser deposited Y <sub>0.95</sub> Ca <sub>0.05</sub> MnO <sub>3</sub> manganite thin films: Role of 100 MeV O <sup>+7</sup> ion irradiation
15	<b>R. Bharthasaradhi</b> , L.C. Nehru	Department of Medical Physics, School of Physics, Bharathidasan university, Tiruchirappalli 620024, India	<a href="mailto:lcnehru@bdu.ac.in">lcnehru@bdu.ac.in</a>	Effect of rare earth doping on thermoluminescence properties of Al <sub>2</sub> O <sub>3</sub> nanophosphor
16	<b>Biplab Dutta</b> , Navonil Bose, Epsita Kar and Sampad Mukherjee	Department of Physics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103, India	<a href="mailto:smukherjee.besu@gmail.com">smukherjee.besu@gmail.com</a>	PVDF/NiO Nanocomposites Film: An Excellent Piezoelectric Based Nanogenerator
17	<b>Brinda Vyas</b> , Hetal Kundalia, Malay Udeshi, Purvi Dave, S. Rayaprol and D.G. Kuberkar	Department of Physics, Saurashtra University, Rajkot – 360005, INDIA	<a href="mailto:dgkuberkar@gmail.com">dgkuberkar@gmail.com</a>	Investigations on the structural and dielectric response of NdMn <sub>1-x</sub> Zn <sub>x</sub> O <sub>3</sub> /SNTO perovskite films
18	<b>Chaturmukha V S</b> , Avinash B S, Harsih B M, Naveen C S, Rajeeva M P, Jayanna H S and	Department of PG studies and Research in Physics, Kuvempu University, Shankaraghatta, Shimoga,	<a href="mailto:ashok1571972@gmail.com">ashok1571972@gmail.com</a>	Temperature and Composition dependent Variation of Resisitivity of PANI/TiO <sub>2</sub> nanocomposites

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	Ashok R Lamani	577451, India		
19	<b>Chetna Chauhan</b> 1, Tanuj Gupta and Rajshree Jotnaia	Electronics and Communication Department, Institute of Technology, Nirma University, Ahmedabad – 382 481, India	<a href="mailto:chetumakwana@gmail.com">chetumakwana@gmail.com</a>	Synthesis and Characterization of Ba based rare earth doped Co <sub>2</sub> -X type hexaferrite
20	<b>G. Chinnasamy</b> , P. Venkatraman, S. Muruganand, and C. S. Sureka	Bharathiar University, Department of Electronics & Instrumentation, Coimbatore, India. Email:	<a href="mailto:chinns26@gmail.com">chinns26@gmail.com</a> <a href="mailto:venkat00108@gmail.com">venkat00108@gmail.com</a>	CURRENT- VOLTAGE CHARACTERIZATION OF GAMMA RADIATION INDUCED GRAPHENE OXIDE
21	<b>G. Chinnasamy</b> , P. Venkatraman, S. Muruganand, and C. S. Sureka	Bharathiar University, Department of Electronics & Instrumentation, Coimbatore, India. Email:	<a href="mailto:chinns26@gmail.com">chinns26@gmail.com</a> <a href="mailto:venkat00108@gmail.com">venkat00108@gmail.com</a>	CAPACITANCE - VOLTAGE CHARACTERIZATION OF GAMMA RADIATION INDUCED GRAPHENE OXIDE
22	<b>G. Chinnasamy</b> , P. Venkatraman, and C. S. Sureka	Bharathiar University, Department of Electronics & Instrumentation, Coimbatore, India. Email:	<a href="mailto:chinns26@gmail.com">chinns26@gmail.com</a> <a href="mailto:venkat00108@gmail.com">venkat00108@gmail.com</a>	IMPRESSION OF GAMMA RADIATION ON THE PROPERTIES OF ACTIVATED CARBON JUJUBE NUT
23	<b>D. HARIHARAN</b> , L. C. Nehru	Department of Medical Physics, School of Physics	<a href="mailto:lcnehru@bdu.ac.in">lcnehru@bdu.ac.in</a>	Highly efficient, Visible Light Active Photocatalyst: Green Synthesized TiO <sub>2</sub> NPs for Degradation of Explosive Compound and Anticancer activity
24	<b>Deepti Rukade</b> , L.C. Tribedi , Varsha Bhattacharyya	Department of Physics, University of Mumbai, Mumbai 400098 2	<a href="mailto:deepti.rukade@gmail.com">deepti.rukade@gmail.com</a>	Ion beam synthesis of single phase TiO <sub>2</sub> Nanostructures
25	<b>Ksh. Devarani Devi</b> , S. Ojha, and Fouran Singh	Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi-110067, India	<a href="mailto:kdevarani@gmail.com">kdevarani@gmail.com</a>	Formation of alloy, core-shell structure of gold -silver bimetallic nanoparticles in quartz matrix by sequential ion implantation and subsequent thermal treatment in different modes
26.	<b>Dipak Bhowmik</b> , Debasree Chowdhury and Prasanta Karmakar	Variable Energy Cyclotron Centre, HBNI, 1/AF, Bidhannagar, Kolkata - 700064, India	<a href="mailto:dipakbhowmik1@gmail.com">dipakbhowmik1@gmail.com</a>	Dynamic scaling behavior of mica ripples produced by low energy Ar <sup>+</sup> ion erosion
27	<b>Epsita Kar</b> , Navonil Bose, Biplab Dutta, Nillohit Mukherjee, Sampad Mukherjee	Department of Physics, Indian Institute of Engineering Science and Technology, Shibpur	<a href="mailto:sampadmukherjee.besu@gmail.com">sampadmukherjee.besu@gmail.com</a>	Effect of Solvents on the Structural and Dielectric properties of bare and SiO <sub>2</sub> nanoparticles loaded PVDF films

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28	<b>H. Khanduri</b> , S.A. Khan, S. K. Srivastava, J. Link, R. Stern, D.K. Avasthi	Inter-University Accelerator Centre, New Delhi – 110067, India	<a href="mailto:himani.khanduri@gmail.com">himani.khanduri@gmail.com</a>	Magnetic and Structural Studies of MnAl Thin Films Irradiated by H <sup>+</sup>
29	<b>R.V. Hariwal</b> , H. K. Malik, A. Negi and K. Asokan	Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi – 110067, India	<a href="mailto:hariwal@gmail.com">hariwal@gmail.com</a>	Structural, Compositional and Electrical Modifications of ZnO Nanostructures by Varying Angle of N Ion Implantations
30	<b>Hetal Kundalia</b> , Brinda Vyas, Malay Udeshi, Purvi Dave and D.G. Kuberkar	Department of Physics, Department of Nanoscience & Advanced Materials, Saurashtra University, Rajkot-360005, INDIA	<a href="mailto:dgkuberkar@gmail.com">dgkuberkar@gmail.com</a>	Electrical properties of ZnO/BaTiO <sub>3</sub> composite thin films on silicon substrate
31	<b>Himanshi Gupta</b> , Subodh K. Gautam, R. G. Singh, Fouran Singh	Material Science Group, Inter University Accelerator Centre, New Delhi -110067, India	<a href="mailto:himanshigupta038@gmail.com">himanshigupta038@gmail.com</a>	Evolution of Raman modes induced by low energy ions in nanocrystalline zinc Oxide thin films: Effect of flux, fluence and temperature
32	<b>Jagrati Dwivedi</b> , Mukul Gupta, Ashutosh Mishra, V. Srihari, K. K. Pandey and Ajay Gupta	School of Physics, Devi Ahilya University, Khandwa Road, Indore-452001, India	<a href="mailto:agupta2@amity.edu">agupta2@amity.edu</a>	Effect of buffer layer on ion beam sputtered CoFeB thin films
33	<b>Jitendra Singh</b> , Subodh K. Gautam R.G. Singh, Priyanka Trivedi, Arkaprava Das and Fouran Singh	Materials Science Group, Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi-110067, India	<a href="mailto:jitendras.physics@gmail.com">jitendras.physics@gmail.com</a>	In-situ investigation of charge carrier transport across nano-hybrid diode during ions irradiation
34	<b>Jyoti Jain</b> , Shorab Jain, Shishir Sinha	Department of Chemical Engineering, Indian Institute of Technology, Roorkee, Uttarakhand, India	<a href="mailto: jyoti110790@gmail.com">jyoti110790@gmail.com</a>	Comprehensive study on Nanotechnology and its Applications for Polymer based Green Composites
35	<b>K. Krishnaveni</b> , R. padma suvarna*	Physics Department, jntu Anantapur, JNTU, Anantapur, India	<a href="mailto:krishnaveni2011@gmail.com">krishnaveni2011@gmail.com</a>	Design and development of Embedded system based Dielectric constant measurement system for polymer samples
36	<b>Kamalakkannan</b> . K, Rajaraman. R, Sundaravel. B, Amarendra. G, Sivaji. K	Department of Nuclear Physics, University of Madras, Guindy Campus, Chennai, 600025, India	<a href="mailto:k_sivaji@yahoo.com">k_sivaji@yahoo.com</a>	Study on Al <sup>+</sup> Implantation in Semi insulating 6H-SiC Single Crystal using Raman scattering technique.
37	<b>J.V.V.N.Kesava Rao</b> , K.Asokan, R.Padma Suvarna	Department of Physics, Govt College for men, Anantapuramu-515001, Andhra Pradesh, India	<a href="mailto:kesava2007@gmail.com">kesava2007@gmail.com</a>	Effect of Ni Swift Ions on the Electrical Characteristics of Pd/n-GaN Schottky diodes

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38	<b>J.V.V.N.Kesava Rao</b> , K.Asokan, R.Padma Suvarna	Department of Physics, Govt College for men, Anantapuramu-515001, Andhra Pradesh, India	<a href="mailto:kesava2007@gmail.com">kesava2007@gmail.com</a>	Effect of Ni Swift Ions on the Electrical Characteristics of Au/Pd/Ni and Au/Pt/Ni on n-GaN Schottky diodes
39	<b>Keval Gadani</b> , K. N. Rathod, Davit Dhruv, Bhargav Rajayguru, Vipul Shrimali, Khushal Sagapariya, A.D. Joshi, D.D. Pandya, K. Asokan, P.S. Solanki, N.A. Shah	Department of Physics, Saurashtra University, Rajkot – 360 005, India	<a href="mailto:snikesh@yahoo.com">snikesh@yahoo.com</a>	Swift Heavy Ion irradiation induced modifications in structural and resistive switching behavior of manganite based thin film devices
40	<b>Khushboo Bukharia</b> , Prasanta Karmakar, Dileep Kumar, Ajay Gupta	Amity Centre for Spintronics Materials, Amity University, Noida 201313, India	<a href="mailto:agupta2@amity.edu">agupta2@amity.edu</a>	Deposition and characterization of nano-patterned thin film
41	<b>K.N. Rathod</b> , Keval Gadani, Davit Dhruv, Alpa Zankat, Hetal Boricha, Sapana Solanki, A.D. Joshi, Dhiren Pandya, P.S. Solanki, N.A. Shah	Department of Physics, Saurashtra University, Rajkot, 360 005, India	<a href="mailto:snikesh@yahoo.com">snikesh@yahoo.com</a>	Dielectric Properties of Swift Heavy Ion Irradiated Manganite Thin Films
42	<b>A.Mishra</b> , Kritika Shukla	School of Physics DAVV, Indore, 452001, India	<a href="mailto:kritika.shukla14@gmail.com">kritika.shukla14@gmail.com</a>	X-ray Diffraction and Mossbauer Studies of Iron (III) Complexes
43	<b>R. Krishna</b> , Prakhar Sahay, Nishtha Saxena	Amity Institute of Nanotechnology, Amity University Uttar Pradesh, Noida, 201313, India	<a href="mailto:rkrishna@amity.edu">rkrishna@amity.edu</a>	Ion Beam Modification and Characterization of ZnO: A Review
44	<b>Asha Attri</b> , K. Asokan Lekha Nair	Institute of Plasma Research, Gandhinagar, Gujarat 382438, India	<a href="mailto:lnair@jmi.ac.in">lnair@jmi.ac.in</a>	Evolution of nanostructures from Au thin films by ion beam Excitations
45	<b>M. Saravanan</b> , and T.C. Sabari Girisun	Nanophotonics Laboratory, School of Physics, Bharathidasan University, Tiruchirappalli – 620 024, India	<a href="mailto:sabari girisun@bdu.ac.in">sabari girisun@bdu.ac.in</a>	Magnetic and third-order nonlinear optical properties of insitu decorated CdFe <sub>2</sub> O <sub>4</sub> -rGO nanocomposite
46	<b>M. Somani</b> , M. Saleem, M.Mittal	Research scholar, Department of Physics, Holkar science college, Indore, 452001, India	<a href="mailto:monikasomani88@gmail.com">monikasomani88@gmail.com</a> , <a href="mailto:mcsphy7@gmail.com">mcsphy7@gmail.com</a>	Structural, Vibrational and Dielectric Properties of Sr <sub>2</sub> SiO <sub>4</sub> : Eu <sup>2+</sup> , Dy <sup>3+</sup> Nano-material

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47	<b>Mahesh Saini</b> <sup>1</sup> , Ranveer Singh, Avanendra Singh and Tapobrata Som	SUNAG Laboratory, Institute of Physics, Sachivalaya Marg, Bhubaneswar 751 005, India	<a href="mailto:tsom@iopb.res.in">tsom@iopb.res.in</a>	Broadband antireflection property of conformally grown Sn-doped ZnO thin films on nanofaceted- and nanorippled-Si substrates
48	<b>Ashutosh Mishra</b> , Mehjabeen Khan, A Mansuri, S Bisen	School of physics DAVV, Indore, 452001, India	<a href="mailto:amishra1960@yahoo.co.in">amishra1960@yahoo.co.in</a> <a href="mailto:mehjabeen.khan2013@gmail.com">mehjabeen.khan2013@gmail.com</a>	Structural, Optical and Mossbauer study of Copper-Nickel Ferrites synthesized by Sol-Gel Auto Combustion Method
49	<b>Manish Kumar</b> , R. J. Choudhary and D. M. Phase	UGC DAE Consortium for Scientific Research, Indore, 452001, India	<a href="mailto:manish.ugcdae@gmail.com">manish.ugcdae@gmail.com</a>	Structural, magnetic and electrical transport properties of Al doped La <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> thin films grown on NGO substrate
50	<b>Manju Bala</b> , Anha Masarrat, Ramcharan Meena, Ying-Rui Lu, Yu-Cheng Huang, Chi-Liang Chen, Chung-Li Dong and K.Asokan	InterUniversity Accelerator Centre, Aruna Asaf Ali Marg, New Delhi-110067, India	<a href="mailto:anhamasarrat1991@gmail.com">anhamasarrat1991@gmail.com</a>	Electronic and Thermoelectric Properties of 200 keV Ni Ion Implanted CoSb <sub>3</sub> Thin Films
51	<b>Manvendra Kumar</b> , Vikas Baranwal, Avinash C Pandey	Nanotechnology Application Centre, University of Allahabad, Allahabad 211002, India	<a href="mailto:kmanav@gmail.com">kmanav@gmail.com</a>	Test Results of High Fluence Ion Beam Facility at University of Allahabad
52	<b>Merry Gupta</b> , P. K. Kulriya, R.C. Meena, N. Stefan, S. S. Ghumman	Longowal Institute of Engineering and Technology, Longowal, Sangrur, Punjab, 148106, India	<a href="mailto:s_ghumman@yahoo.com">s_ghumman@yahoo.com</a>	<i>In-situ</i> structural response of swift heavy ion irradiated zirconolite
53	<b>Mini Agarwal</b> , K Asokan, S.K. Garg, and Pratik Kumar	Medical Physics Unit, IRCH, AIIMS, New Delhi- 110 029, India	<a href="mailto:minia85@gmail.com">minia85@gmail.com</a>	Optically stimulated luminescence dosimetric properties of Li <sub>3</sub> B <sub>7</sub> O <sub>12</sub> :MnO <sub>2</sub> for proton beam over conventional photons
54	<b>Mohd Nasir</b> , Saniya Ayazb, Sunil Kumar and Somaditya Sen	Department of Physics, Indian Institute of Technology Indore, 452020, India	<a href="mailto:phd1401151010@iiti.ac.in">phd1401151010@iiti.ac.in</a>	Structural, Magnetic and Electrical properties of La <sub>2</sub> Ni <sub>1.5</sub> Mn <sub>0.5</sub> O <sub>6</sub> double pervoskite
55	<b>Safiul Alam Mollick</b> , Ranveer Singh, Mohit Kumar, Debabrata Ghose, Tapobrata Som	Department of Physics, I.I.T. Roorkee, Roorkee, 247 667, India	<a href="mailto:safiul.mollick@gmail.com">safiul.mollick@gmail.com</a>	Strong uniaxial magnetic anisotropy in Co films on highly ordered grating-like nanopatterned Ge surfaces

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56	<b>M. Shah</b> , S. Modak, N. L. Ghodke, A. K. Sinha, M. Vazquez, D. K. Avasthi, S. N. Kane	School of Physics, D. A. University, Khandwa road Campus, Indore – 452001, India	<a href="mailto:kane_sn@yahoo.com">kane_sn@yahoo.com</a>	Ion irradiation assisted structural relaxation of Cr-FINEMET
57	<b>Naveen C S</b> , Rajeeva M P, Chaturmukha V S, Avinash B S, Ashok R L, H S Jayanna	1Department of Physics, Alliance College of Engineering and Design, Alliance University, Anekal, Bengaluru, 562106, India.	<a href="mailto:jayanna60@gmail.com">jayanna60@gmail.com</a>	Influence of Cr dopant on DC conductivity and acetone sensing properties of ZnO nanomaterial
58	<b>Neetu Parsai</b> , Ashutosh Mishra	Shree Vaishnav Institute of Management, Indore452001 (M.P), India	<a href="mailto:parsai.neetu@gmail.com">parsai.neetu@gmail.com</a>	XRD and X-ray K-absorption Spectroscopic Studies of Copper doped Complexes
59	<b>Neha Jain</b> , Rajan Kr. Singh, Jai Singh, R.A. Singh	Department of Physics, Dr. Harisingh Gour University, Sagar (M.P.)-470003, India	<a href="mailto:jai.bhu@gmail.com">jai.bhu@gmail.com</a>	Blue to green tunable emission from Tb <sup>3+</sup> -doped La <sub>2</sub> O <sub>3</sub> nano-phosphors
60	<b>Parmod Kumar</b> , Budhi Singh, Jitendra Pal Singh, Ashish Kumar, K. H. Chae, K. Asokan and D. Kanjilal	Materials Science Division, Inter University Accelerator Centre, New Delhi-110067, India	<a href="mailto:parmodphysics@gmail.com">parmodphysics@gmail.com</a>	Magnetic Properties Study of N implanted MgO Single Crystals
61	<b>Pawan Kuma1</b> , Zubida Habib, F. Chand and K. Asokan	Department of Physics, Kurukshetra University Kurukshetra, Haryana-136119, India	<a href="mailto:pawansaroha500@gmail.com">pawansaroha500@gmail.com</a>	Modification in the structural, morphological and optical properties of CeO <sub>2</sub> thin films by 150 keV Co ion implantation
62	<b>P.K. Das1</b> , R. Biswal, R.J. Choudhary, S.A. Khan, R.C. Meena, N.C. Mishra, P. Mallick,	Department of Physics, North Orissa University, Baripada 757003, India	<a href="mailto:pravanjanphy@gmail.com">pravanjanphy@gmail.com</a>	Evolution of Electrical Property of NiO/ZnO Heterojunction under 200 MeV Ag Ion Irradiation: In-situ I-V Characterization
63	<b>P.K. Das</b> , R. Biswal, R.J. Choudhary, V.R. Reddy, V. Sathe, V. Ganesan, S.A. Khan4, N.C. Mishra, P. Mallick	Department of Physics, North Orissa University, Baripada 757003, India	<a href="mailto:pravanjanphy@gmail.com">pravanjanphy@gmail.com</a>	Effect of 120 MeV Au Ion Irradiation on the Structure, Microstructure and Surface Morphology of NiO/ZnO Heterostructure
64	<b>Prashant Srivastava</b> , Shishir Sinha	Center of Excellence in Disaster Mitigation & Management (CoEDMM), Indian Institute of	<a href="mailto:prashant97iitr@gmail.com">prashant97iitr@gmail.com</a>	Study of mechanical and morphological properties of hair fiber based reinforced polyethylene composites

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		Technology Roorkee, Roorkee-247667, India		
65	<b>Praveen Kumar</b> , Khushbu Yadav, Ambuj Tipathi, Vibha R. Satsangi, Rohit Shrivastav, Sahab Dass	Dau Dayal Institute of Vocational Education (DDIVE), Khandari, Agra-282002, India	<a href="mailto:deipraveen17@gmail.com">deipraveen17@gmail.com</a>	Effect of Si <sup>8+</sup> Ion Irradiation on PEC Properties of Zirconium Doped Hematite Thin Films
66	<b>R. Neema</b> , M. Saleem, M. Mittal	Research scholar, Department of Physics, Holkar science college, Indore, 452001, India	<a href="mailto:rianeema@gmail.com">rianeema@gmail.com</a> , <a href="mailto:mscopy7@gmail.com">mscopy7@gmail.com</a>	Structural, Vibrational and Optical Properties of Eu <sup>2+</sup> and Dy <sup>3+</sup> Doped SrAl <sub>2</sub> O <sub>4</sub>
67	<b>R. Priya</b> , Preethi Ravichandran Iyer, R. Krishna, Parasmani Rajput, O.P. Sinha	Amity Institute of Nanotechnology, Amity University Uttar Pradesh, Noida, 201313, India	<a href="mailto:rkrishna@amity.edu">rkrishna@amity.edu</a>	Synthesis and characterization of Cu and Ni co-doped ZnO nanostructures for optoelectronic applications
68	<b>R. Shrama</b> , S. Raghuvanshi, D. K. Avasthi, F. Mazaleyrat, S. N. Kane	Magnetic Materials Lab., School of Physics, D. A. University, Khandwa road, Indore-452001, India	<a href="mailto:kane_sn@yahoo.com">kane_sn@yahoo.com</a>	Effect of 120 MeV <sup>28</sup> Si <sup>9+</sup> ion irradiation on structural and magnetic properties of ZnFe <sub>2</sub> O <sub>4</sub> #
69	<b>Rahul Singha</b> , Ritu Vishnoi	Department of Physics, Malaviya National Institute of Technology Jaipur	<a href="mailto:Rsinghal.phy@mnit.ac.in">Rsinghal.phy@mnit.ac.in</a>	Cu Nanoparticles in Fullerene C <sup>70</sup> matrix
70	<b>Rajan Kr. Singh</b> , Amit Kumar, Neha Jain, Jai Singh, Rajiv Kr. Singh and Ranveer Kumar	Department of Physics, Dr. Harisingh Gour Central University, Sagar – 470003, M. P. India	<a href="mailto:ranveer.ssi@yahoo.com">ranveer.ssi@yahoo.com</a>	The impact of Cd <sup>2+</sup> on CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> lead halide perovskite absorber
71	<b>Rajeva M P</b> , Naveen C S, Avinash B S, Chaturmukha V S, Harish B M, Ashok R Lamani and H S Jayanna	Department of P.G studies and Research in Physics, Kuvempu University, Jnanasahyadri, Shankaraghatta, Shimoga, Karnataka, India- 577451	<a href="mailto:jayanna60@gmail.com">jayanna60@gmail.com</a>	Synthesis, characterization and electrical conductivity of high porous SnO <sub>2</sub> nanocrystallites for ethanol sensing
72	<b>Razia Nongjai</b> , K. Asokan	Inter University Accelerator Centre, Aruna Asaf Ali marg, New Delhi 110067, India	<a href="mailto:razianongjai@gmail.com">razianongjai@gmail.com</a>	Effect of N ion implantation on the structural and magnetic properties of NiO thin films
73	<b>Rajveer Kaur</b> , Merry Gupta and S S Ghumman	Physics Department, Sant Longowal Institute of Engineering and Technology, Longowal 148 106,	<a href="mailto:ssghumman@sliet.ac.in">ssghumman@sliet.ac.in</a>	Surface and bulk modifications in zirconolite with focussed ion beams



## List of selected Poster Presentation

		Punjab, India		
74	<b>Rakesh Kumar Pandey</b> , Puspashree Mishra, R Raman, Aman Arora, Ksh Devarani Devi, Shyama Rath	Solid State Physics Laboratory, DRDO, Delhi, 110054, India	<a href="mailto:rakeshpandey@sspl.drdo.in">rakeshpandey@sspl.drdo.in</a>	A Raman spectroscopy evaluation of defects in Si and S implanted GaSb films
75	<b>Ranajit De</b> , Sharmila Bajpai, P.K. Bajpai	National Centre for Accelerator Based Research Department of Pure & Applied Physics	<a href="mailto:bajpai.pk1@gmail.com">bajpai.pk1@gmail.com</a>	Surface reconstruction and Ion implantation induced structural phase transition in Au <sup>5+</sup> implanted BiFeO <sub>3</sub> ceramics
76	<b>Rashi Gupta</b> , Rajesh Kumar, R. P. Chauhan, S. K. Chakarvarti	University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, New Delhi 110078, India	<a href="mailto:rashigupta_92@rediffmail.com">rashigupta_92@rediffmail.com</a>	Effect of Oxygen ion implantation on the properties of Pbse nanowires
77	<b>Ratnesh K. Pandey</b> , Manvendra Kumar, Udai B. Singh, Tanuj Kumar, D. K. Avasthi, Avinash C. Pandey	Physics Department, University of Petroleum and Energy Studies, Dehradun- 248007, India	<a href="mailto:pandeyratneshk@gmail.com">pandeyratneshk@gmail.com</a>	Angular Distribution of Sputtering from Barium Fluoride Thin Films
78	<b>Renuka Chauhan</b> , R C Srivastava and K Asokan	Department of Physics, G. B. Pant University of Agriculture & Technology, Pantnagar 263145, India	<a href="mailto:renukagbpuat@gmail.com">renukagbpuat@gmail.com</a>	Dielectric Response of Multiferroic Composite by 100 MeV Si <sup>8+</sup> Ion Beam Irradiation
79	<b>Richa Bhardwaj</b> , Baljeet Kaur, Jitendra P. Singh, P. Kumar, R. C. Meena, K. Asokan, K. H. Chae, N. Goyal, S. Gautam	Department of Physics, Punjab University Chandigarh – 160014,INDIA	<a href="mailto:rbhardwaj@pu.ac.in">rbhardwaj@pu.ac.in</a> , <a href="mailto:sgautam@pu.ac.in">sgautam@pu.ac.in</a>	Nature of implanted ions in ZnO thin films
80	<b>R. L. Dubey</b> , S. K. Dubey, I. Sulania, F. Singh, D. Kanjilal	Department of Physics, St. Xavier's College-Autonomous, Mumbai- 400 001, India	<a href="mailto:radhekrishna.dubey@xavers.edu">radhekrishna.dubey@xavers.edu</a>	Study of silicon negative ion implanted gallium phosphide
81	<b>Rohini. S. Chhatrala</b> , J. H. Markna, D. S. Rana, Ravi Kumar, D. G. Kuberkar and S. K. Malik	Department of Physics, College of Engineering, Pune – 411 005, India	<a href="mailto:cr.physics@coep.ac.in">cr.physics@coep.ac.in</a>	Effects of SHI irradiation on biaxial strained La <sub>0.5</sub> Pr <sub>0.2</sub> Ba <sub>0.3</sub> MnO <sub>3</sub> manganite thin films

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82	<b>R. P. Yadav</b> , Manvendra Kumar, T. Kumar, S. N. Pandey	Department of Physics, Motilal Nehru National Institute of Technology, Allahabad, 211004, India	<a href="mailto:aurampratap@gmail.com">aurampratap@gmail.com</a>	Wettability correlation with fractal characterization of rippled silicon surfaces induced by ion beam irradiation
83	<b>R P Chauhan</b> , Chetna Narula, Suresh Panchal, Pallavi Rana	Department of Physics, College of Engineering, Pune – 411 005, India	<a href="mailto:chetnanarula@gmail.com">chetnanarula@gmail.com</a>	Argon Ion Implantation Effect on CdSe Nanowires
84	<b>Sabarinathan Devaraj</b> , Pitchaikannu Venkatraman, Chandrasekaran Senbagavadivoo Sureka and Kathirvel Preethi	Department of Microbial Biotechnology, Bharathiar University, Coimbatore, Tamilnadu 641046	<a href="mailto:sabharibio@gmail.com">sabharibio@gmail.com</a>	RADIATION SHIELDING PROPERTIES OF PHA FILM FOR BETA AND GAMMA IN THE DIFFERENT ENERGY RANGE
85	<b>V Saikiran</b> , A P Pathak	School of Physics, University of Hyderabad, Hyderabad, India 500046,	<a href="mailto:saiavadavalli@gmail.com">saiavadavalli@gmail.com</a>	SHI irradiation induced modifications in Fe nanoparticle/nanorod encapsulated MWCNTs
86	<b>K. Saravanan</b> , C. David, B. K. Panigrahi	Materials Science Group, Indira Gandhi Centre for Atomic Research, HBNI, Kalpakkam - 603102, Tamilnadu, India	<a href="mailto:saravananmsc05@gmail.com">saravananmsc05@gmail.com</a>	Effect of temperature induced strain on the photoluminescence property of gold nanoclusters
87	<b>Sharad Pandey</b> , Ambuj Tripathi, Fozia Z. Khan, Rashmi Chauhan	1Department of Physics, DAV College, CSJM University, Kanpur, 208001, India	<a href="mailto:chauhanrasmi@gmail.com">chauhanrasmi@gmail.com</a>	Nanoscale surface modification using ion irradiation in amorphous Ge-Se-Sb thin film for sensing applications
88	<b>Shobhit Singh Chauhan</b>	Analytical Division and Centralized Instrument Facility, CSIR-Central Salt and Marine Chemicals Research Institute, GB Marg, Bhavnagar, 364 002, India.	<a href="mailto:shobhit@csmcri.res.in">shobhit@csmcri.res.in</a>	Nanocomposite silica films: Structural and optical pH response characteristics
89	<b>S.K. Garg</b> , D. Kanjilal, T. Som	Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi 110 067, India	<a href="mailto:sandeep852005@gmail.com">sandeep852005@gmail.com</a>	Role of medium energetic incident ion mass on ripple pattern evolution at Silicon surfaces

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90	<b>S. K. Srivastava</b> , P. Magudapathy, K. Ganesan <sup>1</sup> , P. Gangopadhyay and M. Kamruddin	Materials Science Group, Indira Gandhi Centre for Atomic Research, #HBNI, Kalpakkam 603 102.GCAR, Kalpakkam	<a href="mailto:sachin@igcar.gov.in">sachin@igcar.gov.in</a>	Evolution of Surface Morphology on Silica by Ion Beam Irradiation with Simultaneous Inclusion of Metal Impurities at High Temperatures
91	<b>Snehal Jani</b> , N. Lakshmi, V.R. Reddy, Ajay Gupta and K. Venugopalan	1Department of Applied Physics, Amity School of Pure and Applied Sciences, Amity University Madhya Pradesh, Gwalior, MP, India	<a href="mailto:sneh.jani@gmail.com">sneh.jani@gmail.com</a>	Ultra soft magnetic properties of Al /57Fe/Cr multilayers and Fe <sub>2</sub> CrAl thin film
92	<b>Sonal</b> , Annu Sharma, Sanjeev Aggarwal	Department of Physics, Kurukshetra University, Kurukshetra, 136119, India	<a href="mailto:talk2annu@gmail.com">talk2annu@gmail.com</a>	Engineering Optical Parameters of Glass by Embedding Silver Nanoparticles Using Low energy Ions at Oblique Incidence
93	<b>Supriya Bisen</b> , Mehjabeen Khan, Ashutosh Mishra	School of Physics, Vigyan Bhawan, Takshshila Parisar, Khandwa Road, Indore-452001 (M.P.)	<a href="mailto:amishra1960@yahoo.co.in">amishra1960@yahoo.co.in</a>	Effect of Ca doping on electrical and optical properties of ferroelectric material
94	<b>Suraj B.Vishwakarma</b> , S. K Dubey, R.L Dubey, AjayYadav, Vidya Jadhav, Vaishali Bambole,Indra Sulania, Fouran Singh, Pavan Kularia, D kanjilal	Department of physics, University of Mumbai, Vidyanaagari, Mumbai-400 098, India	<a href="mailto:skdubey@physics.mu.ac.in">skdubey@physics.mu.ac.in</a>	Structural and optical studies of silicon negative ion implanted SiO <sub>2</sub>
95	<b>Suresha S</b> , Ashok R Laman , H.S. Jayanna, Avinash B.S. , and Harish B.M., Chathurmukha V.S	Department of Physics, Govt. First Grade College, Holalkere,577526 Karnataka, India. Asso Prof Department of PG Studies in Physics, Kuvempu University, Shankaraghatta-577451.Shimoga. Karnataka, India.	<a href="mailto:ashok1571972@gmail.com">ashok1571972@gmail.com</a>	Synthesis and characterization of the $\sigma$ ac conductivity and dielectric Properties of liclo 4 /(pva/cmc) composite films
96	<b>S. Bhowmick</b> , S. Pal, D. Das, J. Asirvatham, S. A. Khan, M. Gupta, D. M. Phase, S. R. Barman, D. Kanjilal, R. Huebner, and A. Kanjilal,	Department of Physics, School of Natural Sciences, Shiv Nadar University, NH-91, Tehsil Dadri, Gautam Buddha Nagar, Uttar Pradesh 201314, India	<a href="mailto:aloke.kanjilal@snu.edu.in">aloke.kanjilal@snu.edu.in</a>	Controlling thermoluminescence of porous alumina by carbon implantation
97	<b>Uttam Kumar Murmu</b> , Manojit Ghosh, Monojit Dutta, Abhijit Majumdar	Department of Metallurgy and Materials Engineering, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103,	<a href="mailto:manojit_ghosh1@rediffmail.com">manojit_ghosh1@rediffmail.com</a>	Microstructure and corrosion behavior of sputter-deposited Al, Al-Mg and Al-Zn-Mg coatings on steel sheet

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		India		
98	<b>Vandana</b> , Tanuj Deswal, Sunil Ojha, Shyam Kumar	Department of Physics, Kurukshetra University, Kurukshetra, 136119, India	<a href="mailto:panchalvandy@gmail.com">panchalvandy@gmail.com</a>	Ripple patterning on Si (100) under ion bombardment
99	<b>Vantari Siva</b> , Abdelhak Chettah and Pratap Kumar Sahoo	School of Physical Sciences, National Institute of Science Education and Research, HBNI, Jatni 752050, India.	<a href="mailto:pratap.sahoo@niser.ac.in">pratap.sahoo@niser.ac.in</a>	Ion beam mixing of Ni-Bi system due to synergistic effects of nuclear and electronic energy losses
100	<b>P. Venkatraman and C. S. Sureka</b>	Department of Medical Physics, Bharathiar University, Coimbatore-641046, India	<a href="mailto:venkat00108@gmail.com">venkat00108@gmail.com</a>	COMPARISON OF DIFFERENT CATHODE OF THE PCB TECHNOLOGY BASED 3D POSITIVE ION DETECTOR
101	<b>Vikash Mishra</b> , M. Kamal Warshi, Rajesh Kumar, P.R. Sagdeo	Material Research Laboratory, Discipline of Physics, Indian Institute of Technology Indore (M.P.)	<a href="mailto:prs@iiti.ac.in">prs@iiti.ac.in</a>	Optical properties of TiO <sub>2</sub> thin films: using GLAD technique
102	<b>Vishal Tandon</b> , Samrath Ninama Ashutosh Mishra	School of Physics, Devi Ahilya University, Indore, 452001, M.P, India	<a href="mailto:vishal.tandon126@gmail.com">vishal.tandon126@gmail.com</a>	EXAFS, XRD AND MOSSBAUER STUDIES OF Cu-Mg FERRITES
103	<b>V V Bhide</b> , K V Sukhatankar, M M Belekar	Materials Research Laboratory, Department of Physics, Gogate Jogalekar College, Ratnagiri-415612, Maharashtra, India	<a href="mailto:vivekvbhidestar@gmail.com">vivekvbhidestar@gmail.com</a>	Study of Electrical Characteristics of 70 MeV 197Au implanted GaAs, implanted at 100°C
104	<b>V. Kondkar</b> , D. Rukade, D. Kanjilal, V. Bhattacharyya	Department of Physics, University of Mumbai, Mumbai 400098, India	<a href="mailto:vidya.kondkar@gmail.com">vidya.kondkar@gmail.com</a>	Embedded Tin Oxide nanoparticles formation by Ion Implantation at varying fluences
105	<b>Yogendra Kumar</b> , Alfa Sharma, Kushal Mazumdar and Parasharam M. Shirage,	Discipline of Metallurgy Engineering and Materials Science, Indian Institute of Technology Indore, Simrol Campus, Khandwa Road, Indore-453552	<a href="mailto:pms Shirage@iiti.ac.in">pms Shirage@iiti.ac.in</a>	Size dependent magnetic properties of Fe <sub>3</sub> O <sub>4</sub> nanoparticles synthesized by a facile and gram scale solvothermal technique

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106	<b>S. Raghuvanshi</b> , F. Mazaleyrat, D. K. Avasthi, S. N. Kane	Magnetic Materials Laboratory, School of Physics, D. A. University, Indore-452001, India	<a href="mailto:kane_sn@yahoo.com">kane_sn@yahoo.com</a>	Swift heavy ion irradiation assisted modification of cationic distribution and magnetic properties of Mg-ferrite
107	<b>Arun Kumar Mukhopadhyay</b> , Avishek Roy, Sadhan Chandra Das, Rainer Hippler, Abhijit Majumdar, Ajay Gupta	Indian Institute of Engineering Science and Technology, Shibpur, Howrah, West Bengal-711103, India	<a href="mailto:scdas@csr.res.in">scdas@csr.res.in</a>	Size-selected negatively charged Cu nano-cluster at room temperature: Surface stoichiometry
108	<b>Meena Laad</b> , Nikhil ShahNikhil, Kevin Vargese George, Shamash Kunwar, Siddhant Kumar	Associate Professor, Department of Applied Science, Symbiosis Institute of Technology (SIT), Symbiosis International University (SIU),Lavale, Pune - 412115, INDIA.	<a href="mailto:meena@sitpune.edu.in">meena@sitpune.edu.in</a>	Tribological behaviour of graphene nanoparticles suspension in mineral based multi-grade lubricating engine oil
109	<b>Indra Sulania</b> , Ranjeet K Karn, Sunil Ojha, Raj Kumar, Udai Bhan Singh and Ambuj Tripathi	Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi-110067, India	<a href="mailto:indra.sulaniya@gmail.com">indra.sulaniya@gmail.com</a>	Investigations of Structural, Electrical and Optical Properties of Pristine and Irradiated Thin Films of Iron Oxide using 10 keV N <sup>+</sup> ions
110	<b>Vara Prasad Kella</b> , J. Ghosh	Institute for Plasma Research, Bhat, Gandhinagar, India 382428	<a href="mailto:varam.ipr@gmail.com">varam.ipr@gmail.com</a>	Influence of two-stream instability on ion-dynamics in the presheath region of a solid-plasma interface
111	<b>D. P. Datta</b> , Pratap K. Sahoo	NISER Bhuvneshver	<a href="mailto:Pratap.sahoo@niser.ac.in">Pratap.sahoo@niser.ac.in</a>	Ion beam induced hybrid nanodots synthesis from metal semiconductor thin films
112	<b>Dr. Alka Singh</b> , Dr. Navin Kumar	Assistant Professor, Department of Pure and Applied Physics, Guru Ghasi Das,Sagar(M.P.)	<a href="mailto:singh.alka18@gmail.com">singh.alka18@gmail.com</a>	Study of Structural Properties of Rocksalt (B1)
113	<b>Prabhat Kumar</b> , Mukul Gupta and V. Ganesan	UGC-DAE consortium for Scientific Research, University Campus Khandwa Road, Indore-452001, India	<a href="mailto:mgupta@csr.res.in">mgupta@csr.res.in</a>	Study of microstructure and electronic properties of oblique angle deposited carbon thin films
114	<b>Anjali Panchwane</b> , V.Raghavendra Reddy Fouran Singh, Ajay Gupta	UGC-DAE consortium for Scientific Research, University Campus Khandwa Road, Indore-452001, India	<a href="mailto:varimalla@yahoo.com">varimalla@yahoo.com</a>	In situ Raman study of swift heavy ion irradiated polycrystalline multiferroic GdFeO <sub>3</sub> thin film

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115	<b>Yagyanidhi Tripathi</b> , Rachana Gupta, Shashi Prakash, and Mukul Gupta	Institute of Engineering and Technology DAVV, Khandwa Road, Indore 452 017 India	<a href="mailto:mgupta@csr.res.in">mgupta@csr.res.in</a>	Effect of substrate bias on phase formation of TiN thin films
116	<b>Arun Kumar Mukhopadhyay</b> , Avishek Roy, Sadhan Chandra Das, Vitaslav Stranak, Rainer Hippler Abhijit Majumdar, Ajay Gupta	Department of Physics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103, West Bengal, India.	<a href="mailto:majuabhijit@gmail.com">majuabhijit@gmail.com</a>	Depth profile and electronic bond structure of Ti-Cu-N thin film deposited by HiPIMS and dc magnetron plasma
117	<b>Hans Hofsäss</b> , Kun Zhang, Omar Bobes	Institute of Physics, University Göttingen, Göttingen, 37077, Germany	<a href="mailto:hhofsae@uni-goettingen.de">hhofsae@uni-goettingen.de</a>	Neon ion beam induced surface pattern formation on Si
118	<b>Hans Hofsäss</b>	Institute of Physics, University Göttingen, Göttingen, 37077, Germany	<a href="mailto:hhofsae@uni-goettingen.de">hhofsae@uni-goettingen.de</a>	Noble gas ion-induced pattern formation on oxide thin films
119	<b>Pooja Karma</b> , Ratnesh Gupta	School of Instrumentation DAVV Indore 452001	<a href="mailto:Gratnesh_ioi@yahoo.com">Gratnesh_ioi@yahoo.com</a>	Effect of Swift heavy ions on optical property of metal doped TiO <sub>2</sub> thin film
120	<b>Anha Masarrat</b> , Anuradha Bhogra, Ramcharan Meena, Ying-Rui Lu, Ranveer Singh, Chi-Liang Chen, Chung-Li Dong, T. Som, A.Niazi and K.Asokan	Inter-University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi-110067, India	<a href="mailto:anhamasarrat1991@gmail.com">anhamasarrat1991@gmail.com</a>	Structural, Optical and Thermoelectric Properties of Li ion Implanted CoSb <sub>3</sub> Thin Films Deposited by Pulsed Laser Deposition
121	<b>Niti</b> , Seema, Garima Patidar and Mukul Gupta	UGC-DAE consortium for Scientific Research, University Campus, Khandwa Road, Indore 452 001	<a href="mailto:mgupta@csr.res.in">mgupta@csr.res.in</a>	Reactive Nitrogen Sputtering of Silver
122	<b>L.R. Nivedita</b> , K.S. Ranjith, K. Asokan, N. Ponpandian, R. T. Rajendra Kumar	Advanced Materials and Devices Laboratory, Department of Physics, Bharathiar University, Coimbatore 641046, India	<a href="mailto:rtrkumar@buc.edu.in">rtrkumar@buc.edu.in</a>	Tailoring the magnetic properties of FeGa (Galfenol) thin films by 100 MeV Oxygen ion irradiation
123	<b>Avishek Roy</b> , Arun Kumar Mukhopadhyay, Sadhan Chandra Das, Rainer Hippler, Abhijit Majumdar	Department of Physics, Indian Institute of Engineering Science and Technology, Shibpur, Howrah-711103, West Bengal, India	<a href="mailto:majuabhijit@gmail.com">majuabhijit@gmail.com</a>	Surface stoichiometry of Cu-TiC thin film deposited by reactive plasma
124	<b>B.Narasimha Rao</b> , R. Padma suvarna, L. Giribabu, M. Raghavender, V. Ramesh Kumar	Department of physics, RGM College of Engineering & Technology, Nandyal-518501, A.P. India.	<a href="mailto:bnsrphysics@gmail.com">bnsrphysics@gmail.com</a> <a href="mailto:padmajntua@gmail.com">padmajntua@gmail.com</a>	Gel polymer electrolyte with PEO/PEGDME added acetamide, LiI/I <sub>2</sub> polymer composite for dye sensitized solar

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				cell applications
125	<b>Suresh Panchal</b> , Chetna Narula, Pallavi Rana, R.P. Chauhan	Department of Physics, National Institute of Technology, Kurukshetra, Haryana-136119, India	<a href="mailto:sony.spanchal@gmail.com">sony.spanchal@gmail.com</a>	Effect of Phosphorus ion fluence on Properties of Selenium Nanowires
126	<b>P. Prabukanthan</b> and G. Harichandran	Chemistry Lab, Department of Chemistry, Muthurangam Government Arts College, Vellore 632 002, India	<a href="mailto:pprabukanthan76@hotmail.com">pprabukanthan76@hotmail.com</a>	The effect of swift heavy ion (100 MeV Au <sup>8+</sup> ) irradiation induced modified CuInSe <sub>2</sub> thin films
127	<b>Navin Kumar</b> , Alka Singh	IGNOU Centre for Engineering, Muzaffarpur, Bihar, India, 842001	<a href="mailto:ignou.csist@gmail.com">ignou.csist@gmail.com</a>	Study of Mechanical properties of ChSC Alloy Zn <sub>1-x</sub> Cd <sub>x</sub> Te under high pressure
128	<b>Vanaraj Solanki</b> , Shalik R. Joshi, I. Mishra, D. Kabiraj, N. C. Mishra, D. K. Avasthi , and Shikha Varma	Materials Research Centre, Indian Institute of Science, Bangalore, 560012, India	<a href="mailto:shikha@iopb.res.in">shikha@iopb.res.in</a>	Oxygen vacancy induced enhanced photo-absorption from ZnO(0001) nanostructures
129	<b>Asha Attri</b> , K. Asokan Lekha Nair	Institute of Plasma Research, Gandhinagar, Gujarat 382438, India	<a href="mailto:asha_jmi@yahoo.com">asha_jmi@yahoo.com</a>	Ion Beam Assisted Synthesis of Cobalt Nanoparticles on Quartz
130	<b>Amitkumar Singh</b> , S. K. Dubey, M. G. Bhatia,	Department of Physics, Thakur college of science and commerce, Mumbai, India.	<a href="mailto:amitsinghphy@gmail.com">amitsinghphy@gmail.com</a>	Study of G-M Counter Mechanism by using state of art tools