

**SUMMARY OF BEAM TIME/PROJECTS SANCTIONED DURING  
ACCELERATOR USERS COMMITTEE ( AUC-62) MEETING**

<b>S.No</b>	<b>PRINCIPAL INVESTIGATOR</b>	<b>TITLE OF THE PROJECT</b>
1	Prof. Priti J. Mehta Institute of Pharmacy, Nirma University, Sarkhej-Gandhinagar Highway, Chandlodia, Gota, Ahmedabad, Gujarat- 382481 Phone: 079-30642724 (O) Mobile: 9898335567 <a href="mailto:drpritimehta@nirmauni.ac.in">drpritimehta@nirmauni.ac.in</a>	Impact of ionizing radiation on stability of selected medicines and their formulations.
2	Dr. Umakanta Mishra Assistant Professor, Dept. of History, Ravenshaw University, Cuttack-753003 Mobile: 9938002373 <a href="mailto:umajnu@gmail.com">umajnu@gmail.com</a>	The chronology of the chalcolithic site of the excavated site of Deltihuda Mounds, Talagarh, Cuttack Dist.
3	Dr. Narendra K. Meena Scientis- "C" Wadia Institute of Himalayan Geology, 33 GMS Road, Dehradun – 248001 Phone: 01352525365 Mobile: 8171360700 <a href="mailto:naren@wihg.res.in">naren@wihg.res.in</a> <a href="mailto:narendes@gmail.com">narendes@gmail.com</a>	Late-Quaternary paleomonsoon study in Ladakh, North Western Himalaya and Indo- Gangetic plain, India.
4	Dr. N. Manikanthababu SERB- National Post-Doctoral Fellow, Indira Gandhi Centre for Atomic Research (IGCAR), Room No.194 A/B, 17 <sup>th</sup> Avenue JRF Enclave, DAE Township Kalpakkam-603102 Phone: 040-27480500;22125(O) 040-27488710 (R) Mobile: 07598697840/09441268840 <a href="mailto:maniphysics07@gmail.com">maniphysics07@gmail.com</a>	Fabrication and swift heavy ion engineering of Ga <sub>2</sub> O <sub>3</sub> based new generation devices for high power applications.
5	Dr. Daniel Doherty Lecturer in Experimental Nuclear Physics, Department of Physics, University of Surrey, Guildford- GU2 7XH, United Kingdom Phone: +44 01483 68 6802 (O) Mobile: +44 07920 017191 <a href="mailto:d.t.doherty@surrey.ac.uk">d.t.doherty@surrey.ac.uk</a>	Gamma-ray spectroscopy of <sup>39</sup> Ca – the end point of nova nucleosynthesis.

6	<p>Dr. Satish S. Naik  Research Assistant,  Palaeobotany Lab, Dept. of  Archaeology,  Deccan College Post-Graduate and  Research Institute, Deemed University,  Pune- 411006  Phone: 020-26513257 (O)  Mobile: +91-9850127591 (R)  Fax: 020-26513284  <a href="mailto:satish.naik@dcpune.ac.in">satish.naik@dcpune.ac.in</a></p>	AMS dating of archaeobotanical samples from Vidarbha, Maharashtra.
7	<p>Dr. Sujit Tandel  UGC Associate Professor ,  UM-DAE Centre for Excellence in Basic  Sciences (CEBS) , Mumbai-400098  Mailing Address:  University of Mumbai,  Kalina, Santacruz (East), Mumbai ,  Pin Code: 400098  Phone: 022-26530224 (O)  Mobile: 09619595271  <a href="mailto:sujit.tandel@cbs.ac.in">sujit.tandel@cbs.ac.in</a>  <a href="mailto:sktandel@gmail.com">sktandel@gmail.com</a></p>	K isomers and rotation alignments in Am isotopes.
8	<p>Prof. H. P. Sharma  Department of Physics, Banaras Hindu  University, Varanasi , Pin Code: 221005  Mobile: 09336063074  <a href="mailto:hpsharma_07@yahoo.com">hpsharma_07@yahoo.com</a></p>	Lifetime measurements of levels of $^{135}\text{Pm}$ with DSAM technique using INGA facility.
9	<p>Prof. H. P. Sharma  Department of Physics, Banaras Hindu  University, Varanasi,  Pin Code: 221005  Mobile: 09336063074  <a href="mailto:hpsharma_07@yahoo.com">hpsharma_07@yahoo.com</a></p>	Search for magnetic and anti-magnetic rotation in $^{139,141}\text{Eu}$ .
10	<p>Ms. Rubiya Samad  Women Scientist-A Fellow  Solid State Research Lab.,  Department of Physics,  University of Kashmir, Srinagar,  Pin Code: 190006  Mobile: 09622851266  <a href="mailto:rubiyasamad007@gmail.com">rubiyasamad007@gmail.com</a></p>	Study of properties of ferrite-ferroelectric composites before and after SHI irradiation.
11	<p>Dr. Manoj Kumar Jaiswal  Assistant Professor,  Department of Earth Sciences,  IISER Kolkata, Mohanpur campus,  741246- Nadia (West Bengal)  Phone: 033-6634-0000 (O)  Mobile: 09874811800  <a href="mailto:mkjosl@gmail.com">mkjosl@gmail.com</a></p>	Late Holocene climate from the Central Ganga Plain, Sultanpur, Uttar Pradesh.

12	<p>Dr. Supriyo Chakraborty  Scientist – E  Indian Institute of Tropical Meteorology  Mailing Address: Dr. Homi Bhabha  Road, Pashan, Pune 411008,  Maharashtra  Phone: +91-20-2590-4427 (O)  <a href="mailto:supriyo@tropmet.res.in">supriyo@tropmet.res.in</a></p>	<p>Radiocarbon dating of soil from Kaziranga National Park, India.</p>
13	<p>Dr. Sanjay Kumar Manjul  Director, Institute of Archaeology,  Archaeological Survey of India, Institute  of Archaeology, Red Fort Complex,  Delhi-110006  Phone: 011-23277107 (O)  Mobile: 8826353635  <a href="mailto:dirins.asi@gmail.com">dirins.asi@gmail.com</a></p>	<p>C<sup>14</sup> AMS dating and elementary analysis of excavated samples from Binjor (4MSR) and other nearby site i.e. 43GB, 68/2GB, 72 GB.</p>
14	<p>Dr. S. B. Ota  Joint Director General (Archaeology),  Archaeological Survey of India, Janpath,  New Delhi-110011  Mobile: 08447605003  <a href="mailto:simadriota@gmail.com">simadriota@gmail.com</a></p>	<p>C14 dating of charcoal samples from Choskar and wood samples from Tirisha Stupa, Ladakh, J.&amp;K.</p>
15	<p>Dr. Chinmaya Maharana  DST-SERB /NPDF  AMS Group, IUAC, Aruna Asaf Ali Marg,  New Delhi-110067  Mailing Address:  C/o. Bhagwan Singh, M 51, Nivedita  Kunj, RK Puram, Sec-10, New  Delhi-110022  Mobile: 7289927246  <a href="mailto:chinmaya.maharana25@gmail.com">chinmaya.maharana25@gmail.com</a></p>	<p>Carbon dynamics in the Ganga basin: implication to sources, processes and carbon reservoirs.</p>
16	<p>Dr. Abhijit Bisoi  Assistant Professor,  Indian Institute of Engineering Science  and Technology, Shibpur, Department of  Physics, IEST Shibpur, Shibpur,  Howrah – 711103  Mobile: 09830629051  <a href="mailto:abhijitbisoi@gmail.com">abhijitbisoi@gmail.com</a></p>	<p>Search for negative parity partner band in <sup>36</sup>Ar.</p>

17	<p>Dr. Sheeja Krishnan  Assistant Professor &amp; Head,  Visvesvaraya Technological University  (VTU), Belagavi, Karnataka (State)  Mailing Address:  Dr. Sheeja Krishnan  Assistant Professor &amp; Head,  Department of Physics, SDIT, Kenjar,  Mangaluru-574142  Pin Code: 574142  Phone: 0824-2254104 (O)  Mobile: 9448623548  Fax: +91-8242254119  <a href="mailto:sheejakrishnan@gmail.com">sheejakrishnan@gmail.com</a></p>	<p>A comparative study of the effect of irradiation on polycrystalline solar cells.</p>
18	<p>Dr. Soumya Prakash Dhal  Research Associate  AMS Group, Inter-University Accelerator  Centre (IUAC),  Aruna Asaf Ali Marg, Vasant Kunj, New  Delhi-110067  Phone: +91-11-26893955 (O)  Mobile: +91-9560564046  <a href="mailto:soumya.dhal@gmail.com">soumya.dhal@gmail.com</a></p>	<p>Estimation of present denudation rates of Periyar and Pamba river (Kerala) catchment using <math>^{10}\text{Be}/^9\text{Be}</math> AMS measurements.</p>
19	<p>Dr. Buddha Rashmi Mani  Director General  National Museum, Janpath, New  Delhi-110011  Phone: 23018159,23018046 (O)  0120-4340724 (R)  Mobile: 9810528069  Fax: 011-23019821  <a href="mailto:dgnationalmuseum11@gmail.com">dgnationalmuseum11@gmail.com</a></p>	<p>C14 dating of the Charcoal samples from Kunal Excavation, Fatehabad District, Haryana.</p>
20	<p>Dr. V. Selvakumar  Assitant Professor,  Departemento of Epigraphy and  Archaeology, Tamil University,  Thanjavur-613010  Phone: 91-9940946086 (O)  Mobile: 9442112601, 9940946086  <a href="mailto:selvakumarodi@gmail.com">selvakumarodi@gmail.com</a></p>	<p>Beginning of agriculture and the Iron Age in the lower Kaveri Valley and South India.</p>
21	<p>Dr. Neera Sen Sarkar  Assistant Professor,  Phycology Section, Department of  Botany, University of Kalyani, West  Bengal- 741235  Phone: 03325951526 (R)  Mobile: +91-9830545889  Fax: 03325828282  <a href="mailto:neerashen@yahoo.co.in">neerashen@yahoo.co.in</a></p>	<p>Diatom assemblages in sediment cores of the deltaic island of the Indian Sundarbans and their palaeoecological significance.</p>

22	Dr. Navneet Kaur Assistant Professor, S. D. College Ambala Cantt. (Kurukshetra University) Mailing Address: #7678/4, Nadi Mohalla, Ambala City- 134003 Mobile: 8901189205 <a href="mailto:nvneet86@gmail.com">nvneet86@gmail.com</a>	The incomplete fusion in $^{14}\text{N}+^{159}\text{Tb}$ system at IUAC pelletron energies.
23	Dr. Bhuvan Vikrama Superintending Archaeologist, Agra Circle, Archaeological Survey of India, 22 the Mall, Agra, Pin Code: 282001 Phone: 0562-227261,62,63 (O) Mobile: 8392920505 <a href="mailto:circleagra.asi@gov.in">circleagra.asi@gov.in</a> , <a href="mailto:bhushri007@gmail.com">bhushri007@gmail.com</a>	AMS dating of samples from the excavated site of Ahichhatra, Teh. Aonla, Dist. Barreilly, UP.
24	Dr. Manju Bala Post-Doctorate Fellow Department of Physics and Astrophysics, University of Delhi, Delhi Pin Code: 110007 Mobile: 8745037342 <a href="mailto:manjubala474@gmail.com">manjubala474@gmail.com</a>	Ion beam induced modifications in magnetic properties of soft ferromagnetic thin films.
25	Dr. C. Shivakumara Principal Research Scientist , Solid state and Structural Chemistry Unit, Indian Institute of Science, Bangalore, Pin Code: 560012 Phone: 08022932951 (O) Mobile: 9448480684 <a href="mailto:shiva@sscu.iisc.ernet.in">shiva@sscu.iisc.ernet.in</a>	Effect of Ion beam irradiation on Bismuth-Oxy halides for enhanced photocatalytic activity.
26	Dr. S. Krishnaveni Assistant professor, DOS in Physics, University of Mysore, Manasagangotri, Mysuru-06 Pin Code: 570006 Mobile: 09844023568 <a href="mailto:sk@physics.uni-mysore.ac.in">sk@physics.uni-mysore.ac.in</a>	Studies on ion beams induced defects in GaN Schottky Interface.
27	Ms. Golda K.S. Scientist IUAC, Aruna Asaf Ali Marg, New Delhi-110067 <a href="mailto:goldaks@gmail.com">goldaks@gmail.com</a>	Study of reaction mechanism in actinide nuclei.

28	<p>Dr. (Ms.) Compesh Pannu  Research Associate ,  Indian Institute of Technology Delhi  Mailing Address:  C/o Prof. Santanu Ghosh, Department of  Physics,  Indian Institute of Technology Delhi,  Hauz Khas, New Delhi -110016  Phone: +91-11-26591348 (O)  Mobile: 8860995372  <a href="mailto:compesh@gmail.com">compesh@gmail.com</a></p>	<p>Investigation of metal concentration dependent field emission studies of ion beam irradiated FeCo-silica nanocomposite thin films.</p>
29	<p>Mr. Deepak Kumar Swami  Scientist-C  Inter University Accelerator Centre,  Aruna Asaf Ali Marg, Vasant Kunj, New  Delhi-110067  Phone: 26893955 (Extn. 8207)  Mobile: 9555638289  <a href="mailto:Deepak37swami@gmail.com">Deepak37swami@gmail.com</a></p>	<p>Investigating the role of the surface electron capture processes in the charge state distributions.</p>
30	<p>Dr. Suresh Kumar  Assistant Professor and RSO,  Department of Physics and  Astrophysics, University of Delhi (North  Campus), New Delhi-110007  Phone: 011-27667796, 7155 (O)  011-27608044 (R)  Mobile: 09599762352  <a href="mailto:sursvmk123@gmail.com">sursvmk123@gmail.com</a></p>	<p>Search for large octopole collectivity and high spin isomers in <math>^{215,217,219}\text{Ac}</math> near N=126 shell closure .</p>
31	<p>Prof. Satyabrata Patnaik  At, Condense Matter Physics Lab-119,  School of Physical Sciences(SPS),  Jawaharlal Nehru University, New Delhi-  110067  Phone: 011-26704783 (O)  Mobile: 09013965119  <a href="mailto:spatnaikjnu@gmail.com">spatnaikjnu@gmail.com</a>,  <a href="mailto:spatnaik@mail.ac.in">spatnaik@mail.ac.in</a></p>	<p>Effect of Ion beam irradiation on superconducting properties of novel superconductors <math>\text{Sr}_{0.1}\text{Bi}_2\text{Se}_3</math> and endohedral binary intermetallic <math>\text{Mo}_8\text{Ga}_{41}</math>.</p>
32	<p>Dr. Hari Pratap Bhasker  SERB-National Postdoctoral Fellow,  Department of Physics,  Motilal Nehru National Institute of  Technology, Teliarganj,  Allahabad-211004  Mobile: +91-9769892513  <a href="mailto:hpb.bhu@gmail.com">hpb.bhu@gmail.com</a></p>	<p>Engineering structural, optical and transport properties of GaN nanostructured thin films induced by Swift Heavy Ion irradiation.</p>

33	<p>Dr. Rajeev Saraswat Senior Scientist National Institute of Oceanography, Geological Oceanography Division, Dona Paula, Goa, Pin Code: 403004 Phone: 0832-2450622/489 (O) Mobile: 9421249860 <a href="mailto:rsaraswat@nio.org">rsaraswat@nio.org</a></p>	Reconstructing Holocene sea level changes from the western margin of India.
34	<p>Dr. V. S. Vendamani National Postdoc Fellow (N-PDF) , Inter-University Accelerator Centre , Aruna Asaf Ali Marg , Near Vasanth Kunj , New Delhi -110067 Mobile: +91-8328393668 <a href="mailto:manishavsv@gmail.com">manishavsv@gmail.com</a></p>	Ion beam assisted fabrication of metal nanoparticles embedded Si/TiO <sub>2</sub> composite nanostructures .
35	<p>Mr. Sunil Prajapati C/o. Dr. Avinash Agarwal Department of Physics, Bareilly College, Bareilly (M. J. P. Rohilkhand University Bareilly) Pin Code-243005 Mobile: 8750987341 (Mr. Sunil) <a href="mailto:meet2sprajapati@gmail.com">meet2sprajapati@gmail.com</a> Mobile: 9359118621 (Dr. Agarwal) <a href="mailto:avibcb@gmail.com">avibcb@gmail.com</a></p>	Study of some heavy ion induced reactions at pelletron energies.
36	<p>Mr. Mushtaq Ahmad Magray C/o. Dr. M. Ikram, Associate Professor, Department of Physics, National Institute Of Technology Hazratbal, Srinagar - 190006 Kashmir (J&amp;K) Phone: 9697064560 (Mr. Magray) Mobile: 7006951393 <a href="mailto:mushtaqmagray87@gmail.com">mushtaqmagray87@gmail.com</a> Phone: +91-8717000375, +91-9796773912 (Dr. Ikram) <a href="mailto:mohd_ikram1@rediffmail.com">mohd_ikram1@rediffmail.com</a>, <a href="mailto:ikram@nitsri.net">ikram@nitsri.net</a></p>	Synthesis, characterization of some rare earth transition metal oxides and their Irradiation study.
37	<p>Mr. Sai Krishna E C/o. Prof. P. D. Sabale, Department of Ancient Indian History, Culture &amp; Archaeology, Deccan College, P. G. R. I. (Deemed University), Pune-411006 Mobile: 7769980776 (Mr. Sai Krishna) <a href="mailto:sai.arch45@gmail.com">sai.arch45@gmail.com</a> Mobile: 09822418696 <a href="mailto:pandurang.sabale@dcpune.ac.in">pandurang.sabale@dcpune.ac.in</a>,</p>	Causes for the decline of Indus Valley civilization and displacement in the period of 2350 BC- 1500 BC and those impacts.

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38	<p>Ms. Devalina Sarmah  C/o. Prof. Ashok Kumar,  Department of Physics,  Tezpur University,  Napaam, Assam, Pin: 784028  Mobile: 8876453186 (Ms. Sarmah)  <a href="mailto:deva_16@tezu.ernet.in">deva_16@tezu.ernet.in</a>  Mobile: 09401620770 (Prof. Kumar)  Phone: (03712)267008 (Extn. 5553),  267169(R)  <a href="mailto:ask@tezu.ernet.in">ask@tezu.ernet.in</a></p>	Synthesis and characterization of Transition Metal Polymer Dichalcogenides (TMDCs) and graphne based conducting nanocomposites for electrochemical supercapacitors and swift heavy ion irradiation effects.
39	<p>Mr. Gurupada Maity  C/o. Dr. Shiv Poojan Patel  Department of Pure and Applied Physics,  Guru Ghasidas Vishwavidyalaya (A  Central University), Koni,  Bilaspur-495009 (C.G.)  Mobile: 09144927126 (Mr. Maity)  <a href="mailto:gurupada.phy@gmail.com">gurupada.phy@gmail.com</a>  Mobile: +91-9479246120 (Dr. Patel)  <a href="mailto:shivpoojanbhola@gmail.com">shivpoojanbhola@gmail.com</a></p>	Ion beam assisted and thermally mediated recrystallization of amorphous semiconductors thin films.
40	<p>Mr. Navneet Kumar  C/o. Prof. Fakir Chand,  Department of Physics,  Kurukshetra University, Kurukshetra,  Haryana  Pin Code- 136119  Mobile: 9467719492,9560562604 (Mr.  Navneet Kumar)  <a href="mailto:nkataria1312@gmail.com">nkataria1312@gmail.com</a>  Mobile: 09466481420 (Dr. Chand)  <a href="mailto:fchand@kuk.ac.in">fchand@kuk.ac.in</a></p>	Investigation of surface/interface properties of gallium nitride and modification using passivation and irradiation techniques.
41	<p>Mr. Amit Kumar Chauhan  C/o. Dr. Moumita Maiti, Assistant  Professor ,  Department of Physics ,  Indian Institute of Technology, Roorkee ,  Roorkee-247667 (UK)  Mobile: 9720065787 (Mr. Chauhan)  <a href="mailto:amitkumarchauhan777@gmail.com">amitkumarchauhan777@gmail.com</a>  Phone: 01332-285454 (O)  <a href="mailto:moumifph@gmail.com">moumifph@gmail.com</a></p>	Production of neutron deficient radionuclides of noble metals in low energy reaction.
42	<p>Ms. Monika Saini  C/o. Prof. Rajni Shukla  HOD, Department of Physics,  Deenbandhu Chhotu Ram University of  Science and Technology, Murthal,  Sonapat,  Pin Code: 131039</p>	Development of conducting polymers composites as advanced electromagnetic radiations shielding materials.



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43	<p>Ms. Richa Sharma  C/o. Dr. J. M. S. Rana  Assistant Professor,  Department of Physics,  Hemwati Nandan Bahuguna Garhwal  University, Uttrakhand, S. R. T. Campus  Badshahithaul, Tehri Garhwal,  Uttrakhand  Mobile: 9627422291 (Ms. Sharma)  <a href="mailto:sharmariccha05@gmail.com">sharmariccha05@gmail.com</a></p>	<p>Electrical transport and optical properties of pure and semi metal doped Zinc Oxide and their modifications by interaction of energetic ions.</p>
44	<p>Ms. Zara Aftab  C/o. Prof. Lekha Nair,  Department of Physics ,  Jamia Millia Islamia, Delhi-110025  Mobile: 8470027435 (Ms. Aftab)  <a href="mailto:aftabzara8@gmail.com">aftabzara8@gmail.com</a>  Mobile: 9810032194 (Prof. Nair)  <a href="mailto:lnair@jmi.ac.in">lnair@jmi.ac.in</a></p>	<p>Ion beam induced nanostructures from metal films.</p>
45	<p>Mrs. Ananya Das  C/o. Dr. Abhijit Bisoi,  Assistant Professor,  Department of Physics, Indian Institute of  Engineering Science and  Technology(IIST) Shibpur, Shibpur,  Howrah,  Pin Code: 711103  Mobile: 09641211791 (Ms. Das)  <a href="mailto:ananya93das@gmail.com">ananya93das@gmail.com</a>  Mobile: 09830629051  <a href="mailto:abhijitbisoi@gmail.com">abhijitbisoi@gmail.com</a></p>	<p>Spectroscopic study in K isotopes: The sd-pf interface nuclei.</p>
46	<p>Mr. Akash Ashok Deshmukh  C/o. Dr. U. A. Palikundwar, Assistant  Professor,  Department of Physics,  Rashtrasant Tukadoji Maharaj Nagpur  University, Nagpur  Pin Code:440033  Mobile No.: 9175477696 (Mr. Deshmukh)  <a href="mailto:akdeshmukh9@gmail.com">akdeshmukh9@gmail.com</a>  Mobile: 9890155077 (Dr. Palikundwar)  <a href="mailto:uapali@yahoo.com">uapali@yahoo.com</a></p>	<p>Sudy of local structure of atoms in some metallic glasses of practical importance.</p>
47	<p>Ms. Rekha Yadav  C/o. Dr. D. P. Goyal  Dept. of Physics,  Indira Gandhi University,  Meerpur, Rewari (Haryana),</p>	<p>Ion beam effects on the physical properties of cupric oxide.</p>

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48	Mr. Karra Vinod Kumar C/o. Prof. S. V. S. Nageswara Rao, School of Physics, University of Hyderabad, Hyderabad, Pin Code: 500046 Mobile: +91-9010865943 <a href="mailto:vinod05071992@gmail.com">vinod05071992@gmail.com</a> Contact No.: +914023134329/09441173473 (Prof. Rao) <a href="mailto:nageshphysics@gmail.com">nageshphysics@gmail.com</a>	Ion beam studies of Hafnium based high-k dielectric materials deposited on high mobility semiconductors for MOS device applications.
49	Ms. Chandni Devi C/o. Dr. Sandeep Kumar, Assistant Professor, Department of Physics, Central University of Rajasthan, Bandarsindri, Distt. Ajmer-305817 Mobile: 8894269286 (Ms. Devi) <a href="mailto:bhattchandni84@gmail.com">bhattchandni84@gmail.com</a> Mobile: 8290686644 (Dr. Kumar) <a href="mailto:sandeep.kumar@curaj.ca.in">sandeep.kumar@curaj.ca.in</a>	Ion beam synthesis of Mn Doped InAs nanostructures.
50	Ms. Muntazir Gull C/o. Prof. Isar Ahmad Rizvi Department of Physics, Aligarh Muslim University, Aligarh-202002 Mobile: 8439009779 (Mr. Gull) <a href="mailto:muntazirgull1@gmail.com">muntazirgull1@gmail.com</a> Mobile: 8126032552 (Prof. Rizvi) <a href="mailto:isarrizvi@rediffmail.com">isarrizvi@rediffmail.com</a>	Study of nuclear reactions induced by heavy ions at intermediate energies.
51	Mr. Chinmay Dash C/o. Dr. Pitambar Pati Department of Earth Sciences, IIT Roorkee, Utrakhand-247667 Mobile: 9410900321 (Mr. Dash) <a href="mailto:chinmay.ism@gmail.com">chinmay.ism@gmail.com</a> Contact: 0132285237 (Dr. Pati) <a href="mailto:dash1des@iitr.ac.in">dash1des@iitr.ac.in</a>	Holocene climate and paleogeographic reconstructions along Odisha coast.
52	Ms. Rajveer Kaur C/o. Dr. S. S. Ghuman, Associate Professor, Department of Physics, SLIET, Longowal-148106, Sangrur, Punjab, Pin Code: 148106 Mobile: 7347556319 (Ms. Kaur) <a href="mailto:rajsingla39@gmail.com">rajsingla39@gmail.com</a>	Swift heavy ion induced effects and temperature dependence in Cerium and yttrium doped zirconolites.

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53	Mr. Rakesh Kumar C/o. Dr. Hardev Singh Department of Physics , Kurukshetra University, Kurukshetra- 136119, Haryana Mobile: 9896469108 (Mr. Kumar) <a href="mailto:mrkbhukal@gmail.com">mrkbhukal@gmail.com</a> Mobile: 9815983782 (Dr.Singh) <a href="mailto:hardev79@gmail.com">hardev79@gmail.com</a>	To understand the dynamics of heavy ion induced Fusion- fission reactions.
54	Ms. Kavita C/o. Dr. Hardev Singh Department of Physics , Kurukshetra University, Kurukshetra- 136119, Haryana Mobile: 8901284429 (Ms. Kavita) <a href="mailto:rajputkavita59@gmail.com">rajputkavita59@gmail.com</a> Mobile: 9815983782 (Dr. Singh) <a href="mailto:hardev79@gmail.com">hardev79@gmail.com</a>	Exploring the reaction dynamics in heavy Ion Induced Fusion-fission reactions.
55	Mr. Vivek Chopra C/o. Dr. Jai Gopal Sharma, Department of Biotechnology, Delhi Technological University-Delhi Pin Code: 110042 Mobile: 9911881342 (Mr. Vivek) <a href="mailto:choprav12@yahoo.com">choprav12@yahoo.com</a> Dr. Sharma's email: <a href="mailto:sharmajaiigopal@yahoo.com">sharmajaiigopal@yahoo.com</a>	Algal Biodiversity based reconstruction of the past local and regional environmental conditions and tracing of landscape evolution of river Yamuna in Delhi region.
56	Dr. Archana Tiwari Assistant Professor in Physics, Department of Physics, Sikkim University ( A Central University), Gangtok – 737102, Sikkim Phone: 03592232080 (O/R) Mobile: +919679241203 <a href="mailto:archana.tiwari.ox@gmail.com">archana.tiwari.ox@gmail.com</a>	Green synthesis of metal nanoparticles and their size modulation by swift heavy ion irradiation.
57	Dr. Rahul Singhal Assistant Professor , Department of Physics, Malaviya National Institute of Technology Jaipur , JLN Marg, Malviya Nagar Jaipur- 302017, Rajasthan Phone: 0141-2713553 (O) 0141-2713152 (R) Mobile: 09352992762, 09549654378 <a href="mailto:rahuliuac@gmail.com">rahuliuac@gmail.com</a> <a href="mailto:rsinghal.phy@mnit.ac.in">rsinghal.phy@mnit.ac.in</a>	Ion Irradiation Induced growth of Cu nanoparticles in fullerene matrix.

58	<p>Dr. Devendrappa H Associate Professor, Mangalore University, Mangalore-574199 Karnataka Pin Code: 574199 Phone: 0824-2287363 (O) Mobile: 9845299774 <a href="mailto:dehu2010@gmail.com">dehu2010@gmail.com</a></p>	<p>Effect of swift heavy ion (SHI) irradiation on polymer composite for storage device applications.</p>
59	<p>Dr. Satyabrata Mohapatra Assistant Professor, University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, Sec-16 C, Dwarka, New Delhi- 110078 Phone: 01125302414 (O) 01125302959 (R) Mobile: 9910562090 <a href="mailto:smiuac@gmail.com">smiuac@gmail.com</a></p>	<p>Study of effects of swift heavy ion irradiation on the structural, optical and photocatalytic properties of Ag-TiO<sub>2</sub> and Au-TiO<sub>2</sub> plasmonic nanocomposites.</p>
60	<p>Dr. Satyabrata Mohapatra Assistant Professor, University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, Sec-16 C, Dwarka, New Delhi- 110078 Phone: 01125302414 (O) 01125302959 (R) Mobile: 9910562090 <a href="mailto:smiuac@gmail.com">smiuac@gmail.com</a></p>	<p>Study of effects of swift heavy ion irradiation on the structural, optical and gas sensing properties of SnO<sub>2</sub>- ZnO and SnO<sub>2</sub>- TiO<sub>2</sub> nanocomposites.</p>
61	<p>Prof. Ramphal Sharma, Department of Physics, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad- 431004 Phone: 0240-2403384/85/284 (O) Mobile: +91-9422793173 Fax: +91-240-2403113 <a href="mailto:rps.phy@gmail.com">rps.phy@gmail.com</a></p>	<p>Effect of SHI irradiation on modification of structural and opto-electronic properties of basic heterojunction nanostructure Zn<sub>1-x</sub>MgxS/Cu<sub>2</sub>S thin film solar cell.</p>
62	<p>Prof. Vaishali Singh BFR - 303, University School of Basic &amp; Applied Sciences (USBAS), Guru Gobind Singh Indraprastha University, Sector-16 C, Dwarka, New Delhi-110078</p>	<p>Structural and morphological modifications of transition metal dichalcogenides/ polymer nanocomposites upon SHI irradiation.</p>

63	<p>Dr. Dambarudhar Mohanta,  Department of Physics,  Associate Professor,  Tezpur University, PO: Napaam, Tezpur,  Assam,  Pin Code: 784028  Phone: 3712-2675558 (O)  Mobile: 88765-07550  Fax: 03712-267006  <a href="mailto:dmohanta1973@gmail.com">dmohanta1973@gmail.com</a></p>	<p>Studies on photocatalytic, photoluminescence and mechanical properties of WS<sub>2</sub>/C-dot nanoscale systems subjected to irradiation.</p>
64	<p>Dr. R. T. Rajendrakumar  Associate Professor,  Department of Nanoscience and  Technology, Bharathiar  University, Coimbatore,  Tamil Nadu,  Pin Code: 641046  Phone: 04222428446 (O)  04222344780 (R)  Mobile: +91-9789757888  <a href="mailto:rtrkumar@buc.edu.in">rtrkumar@buc.edu.in</a></p>	<p>Swift heavy ion irradiation effects on the morphological, surface and interfacial properties of ZnO/ZnS and ZnO/NiO core/shell nanorod array.</p>
65	<p>Prof. G. N. Nayak  Department of Marine Sciences, Goa  University,  Goa – 403 206  Phone: 0832-6519059 (O)  Mobile: 09545693911/ 09822725032  Fax: 0832- 2451184  <a href="mailto:gnnayak@unigoa.ac.in">gnnayak@unigoa.ac.  In, <a href="mailto:gnnayak57@gmail.com">gnnayak57@gmail.com</a></a></p>	<p>Beryllium concentration, clay minerals and metals in sediments in reconstruction of paleo-climate.</p>
66	<p>Dr. Shiv Poojan Patel  Assistant Professor,  Department of Pure &amp; Applied Physics,  Guru Ghasidas Vishwavidyalaya (A  Central University),  Koni, Bilaspur (C.G.),  Pin Code: 495009  Phone: 07752-260159 (O)  Mobile: 09479246120  <a href="mailto:shivpoojanbhola@gmail.com">shivpoojanbhola@gmail.com</a></p>	<p>Tailoring the thermoelectric properties in SnTe nanocrystalline thin films using ion irradiations.</p>
67	<p>Prof. Shashi K. Dhiman  Department of Physics ,Himachal  Pradesh University, Shimla,  Shimla-171005  Phone: 0177-2833739 (O)  Mobile: 09459490400  <a href="mailto:shashi.dhiman@gmail.com">shashi.dhiman@gmail.com</a></p>	<p>Investigation of Isomers and High-Spin states in <sup>183,185</sup>Ir isotopes.</p>

68	<p>Dr. Neeraj Panwar  Assistant Professor,  Department of Physics,  Central University of Rajasthan,  Bandarsindri, Ajmer,  Pin Code: 305817  Phone: 1463-238588 (O)  07726031844 (R)  Mobile: 07726031844  <a href="mailto:neerajpanwar@curaj.ac.in">neerajpanwar@curaj.ac.in</a></p>	<p>Impact of ion irradiation on the exchange bias, magnetization reversal, spin reorientation and magnetocaloric effect in orthochromites.</p>
69	<p>Dr. M. Wasi Khan  Associate Professor,  Department of Physics, Aligarh Muslim  University (AMU), Aligarh,  Pin Code: 202002  Phone: 0571-2701001  Mobile: +91-9897532717  <a href="mailto:wasiamu@gmail.com">wasiamu@gmail.com</a></p>	<p>Tailoring the optical and photocatalytic performance of Cr substituted TiO<sub>2</sub> nanostructured thin films by SHI irradiation.</p>
70	<p>Dr. Varinderjit Singh  Assistant Professor,  Department of Physical Sciences, IKG  Punjab Technical University, Kapurthala,  Punjab,  Pin Code: 144603  Phone: 09465884813 (O)  09914100789 (R)  <a href="mailto:vickymangat3@gmail.com">vickymangat3@gmail.com</a>  <a href="mailto:Mangat_phy@yahoo.co.in">Mangat_phy@yahoo.co.in</a></p>	<p>Investigation of fusion enhancement for neutron-rich symmetric and asymmetric systems near and below the fusion barrier.</p>
71	<p>Prof. Mahendra D. Shirsat  Professor and Director,  RUSA – Center for Advanced Sensor  Technology, Dr. Babasaheb Ambedkar  Marathwada University, Aurangabad  (M.S.) ,  Pin Code: 431004  Phone: (0)240 – 2403290 (O)  (0)240 - 2371920 (R)  Mobile: +91-9422291987  <a href="mailto:mdshirsat@gmail.com">mdshirsat@gmail.com</a> /  <a href="mailto:mdshirsat.phy@bamu.ac.in">mdshirsat.phy@bamu.ac.in</a></p>	<p>Field effect transistor based on swift heavy ion Irradiated Metal-Organic-Framework for sensing applications.</p>

72	<p>Prof. Mahendra D. Shirsat  Professor and Director,  RUSA – Center for Advanced Sensor  Technology, Dr. Babasaheb Ambedkar  Marathwada University, Aurangabad  (M.S.) ,  Pin Code: 431004  Phone: (0)240 – 2403290 (O)  (0)240 - 2371920 (R)  Mobile: +91-9422291987  mdshirsat@gmail.com /  <a href="mailto:mdshirsat.phy@bamu.ac.in">mdshirsat.phy@bamu.ac.in</a></p>	Organic field effect transistors for detection of heavy metal ions.
73	<p>Dr. Anupinder Singh  Assistant Professor,  Department of Physics,  Guru Nanak Dev University,  Amritsar-143005  Phone: 0183-2258802/09-3346 (O)  Mobile: 09988191852  Fax: 0183-2258819/20  <a href="mailto:anupinders@gmail.com">anupinders@gmail.com</a></p>	Ion beam dosimetry of some tissue equivalent thermoluminescent phosphors.
74	<p>Dr. M. J. Keshvani  Assistant Professor,  Department of Physics, Marwadi  University, Rajkot, Gujarat  Pin Code: 360003  Phone: +91-9727778190  Mobile: +91-9374923806  Fax: +91-281-2331170  <a href="mailto:mjkeshvani3007@gmail.com">mjkeshvani3007@gmail.com</a></p>	Role of SHI irradiation in transport properties of manganite based p – n and n – n junctions.
75	<p>Prof. Alok Srivastava  Department of Chemistry,  Panjab University, Chandigarh-160014  Phone: 0172-2534424 (O)  0172-2722196(R)  Mobile: +91-9417769774  Fax: 0172-2545074  <a href="mailto:alok@pu.ac.in">alok@pu.ac.in</a></p>	Geogenic study of Uranium using $^{11}\text{Be}$ , $^{14}\text{C}$ , $^{26}\text{Al}$ and $^{36}\text{Cl}$ based Accelerator Mass Spectrometry.
76	<p>Dr. Basharat Wani  Associate Professor,  Department of Physics,  University of Kashmir,  Hazratbal, Srinagar, Jammu and  Kashmir -190006  Phone: 0194-2421756  Mobile: 09419001037  <a href="mailto:bawant@kashmiruniversity.ac.in">bawant@kashmiruniversity.ac.in</a></p>	Effect of SHI irradiation on electric and magnetic properties of rare earth containing multiferroic composites.

77	<p>Prof. S. V. S. Nageswara Rao ,  School of Physics ,  University Of Hyderabad (UOH),  Gachibowli, Hyderabad , Pin Code:  500046  Phone: 040-23134329 (O)  040-67062015 (R)  Mobile: 09441173473  Fax: 04023010227  <a href="mailto:nageshphysics@gmail.com">nageshphysics@gmail.com</a></p>	<p>Application of ion beams to study and engineer the resistive switching properties of transition metal oxides.</p>
78	<p>Dr. Davit B. Dhruv  Assistant Professor  Department of Nanotechnology,  V.V.P. Engineering College,  Gujarat Technological University,  Rajkot, Gujarat (India)  Pin Code: 360 005  Phone: +91-281-2783394 (O)  Mobile: 91 – 9033981149  Fax: +91 – 281 – 2783487  <a href="mailto:mailmedav@gmail.com">mailmedav@gmail.com</a></p>	<p>Influence of Swift Heavy Ion Irradiation on poly(3-hexyl thiophene) and nanostructure TiO<sub>2</sub> composite based thin film for solar cell applications.</p>
79	<p>Prof. Sanjay J. Dhoble  Department of Physics, Rashtrasant  Tukadoji Maharaj Nagpur University,  Nagpur-440033, Maharashtra  Pin Code : 440033  Phone : 0712-2500083 (O)  0712-2251361,  0712-2250180 (R)  Mobile : 09822710204</p>	<p>Effect of ion beam and photons on TLD phosphors for accidental and high dose radiation dosimetry.</p>
80	<p>Dr. Samarjit Sihotra  Assistant Professor,  Deptt. Of Physics, Panjab university,  Chandigarh, Sec-14,  Chandigarh-160014  Mobile: 9463576594  <a href="mailto:ssihotra@pu.ac.in">ssihotra@pu.ac.in</a></p>	<p>Multiparticle configurations in some proton rich Lu and Hf Nuclei.</p>
81	<p>Dr. Sunil Kumar Arora  Associate Professor  Centre for Nano Science &amp; Nano  Technology, Block-II, South Campus,  Panjab University, Chandigarh,  Pin Code: 160014  Phone: 07696265266 (O) 7696265266  (R)  Mobile: 7696265266  Fax: 0172- 2783336  <a href="mailto:aroras@pu.ac.in">aroras@pu.ac.in</a></p>	<p>Influence of high energy heavy ion irradiation on the resistive switching behavior of epitaxial transition metal oxide hetero-structures.</p>



82	<p>Dr. Kanupriya Sachdev Associate Professor and Head, Materials Research Centre, MNIT Jaipur, JLN Marg, Malviya Nagar Jaipur, Pin Code: 302017 Phone: 9549657337 (O) Mobile: 9829128200 <a href="mailto:ksachdev.phy@mnit.ac.in">ksachdev.phy@mnit.ac.in</a>, <a href="mailto:sachdevk67@gmail.com">sachdevk67@gmail.com</a></p>	Irradiation studies on Mg Silicide based films for thermoelectric applications.
83	<p>Dr. Susanta Das UGC-Assistant Professor, Department of Physics, School of Physical and Chemical Sciences, Central University of South Bihar(CUSB), Gaya, Bihar, Pin Code: 823001 Mobile: 7319362311 <a href="mailto:susanta09das@gmail.com">susanta09das@gmail.com</a></p>	Interactions of ions with graphite.
84	<p>Dr. Suresh Kumar Assistant Professor and Rso , Department of Physics &amp; Astrophysics , University of Delhi , Delhi -110007 Phone: 011-27667796, 7155 (O) 011- 27608044 (R) Mobile: 09599762352 <a href="mailto:sursvmk123@gmail.com">sursvmk123@gmail.com</a></p>	Investigation of the High-Spin states in the A= 85 mass region using In-beam Gamma-ray Spectroscopy.
85	<p>Dr. Ranjeet Kumar Karn Asst. Professor University Dept. of Physics, Kolhan University, Chaibasa, Jharkhand, Pin Code: 833202 Mobile: 9631298090 <a href="mailto:rkkarn@gmail.com">rkkarn@gmail.com</a></p>	Beam-Foil spectroscopy of highly charged ions relevant to X-ray astronomy.
86	<p>Dr. Kamalendra Awasthi Assistant Professor, Department of Physics, Malaviya National Institute of Technology Jaipur-302017, Rajasthan Pin Code: 302017 Phone: 0141-2713441 (O) 0141-2713541 (R) Mobile: 9414406599 <a href="mailto:kawasthi.phy@mnit.ac.in">kawasthi.phy@mnit.ac.in</a></p>	Track etched polymeric membranes based nanostructures for hydrogen sensing.

87	<p>Prof. Karunakara. N. Centre For Advanced Research in Environmental Radioactivity (CARER), Mangalore University, Mangalagangothri-574199, Karnataka Phone: 0824-2287733 (O) 0824-2213052 (R) Mobile: 9980775012 Fax: 0824- 2287367 <a href="mailto:drkarunakara@gmail.com">drkarunakara@gmail.com</a></p>	<p>Validation of liquid scintillation spectrometry based Carbon-14 (<math>^{14}\text{C}</math>) measurements techniques by AMS and development of reference materials for application in environmental monitoring programmes around nuclear power plants.</p>
88	<p>Dr. Azher Majid Siddiqui Assistant Professor, Department of Physics, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi-110025 Phone: 9868731473 (O) <a href="mailto:amsiddiqui@jmi.ac.in">amsiddiqui@jmi.ac.in</a></p>	<p>Effects of swift heavy ion irradiation on conducting polymer-metal oxide nanocomposites and their device applications.</p>
89	<p>Dr. Yashpal Singh Katharria Assistant Professor, PDPM Indian Institute of Information Technology, Design &amp; Manufacturing (IIITDM) Jabalpur, Dumna Airport Road, Khamaria, Jabalpur-482005, M.P. Phone: 0761-2794354 (O) Mobile: 8107591910 <a href="mailto:yashpalk@gmail.com">yashpalk@gmail.com</a></p>	<p>Radiation effects in Gallium Oxide.</p>
90	<p>Dr. Pradip Das Assistant Professor, Department of Pure and Applied Physics, Guru Ghasidas University, Koni, Bilaspur, Pin Code: 495009 Phone: 07752-260477 (O) Mobile: 9407734453 <a href="mailto:pradipd.iitb@gmail.com">pradipd.iitb@gmail.com</a></p>	<p>Structural and transport studies of two dimensional surface electron gas of topological insulators by ion beam irradiation.</p>
91	<p>Dr. Jayant Kumar Tripathi, Associate Professor, Lab. No. 013/101, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi-110067 Phone: 011-26704311 (O) Mobile: +91-9717112227 <a href="mailto:jktrip@yahoo.com">jktrip@yahoo.com</a></p>	<p>Quantification of denudation rates using <math>^{10}\text{Be}</math> in granitic landscapes spanning diverse climate regimes of northern India.</p>

92	<p>Prof. Kunal B. Modi  Department of Physics, Saurashtra University, Rajkot,  Pin Code: 360005  Phone: 0281-2588428 (O)  0281-2577563 (R)  Mobile: 09824536994  Fax: 02812576802  <a href="mailto:kunalbmodi2003@yahoo.com">kunalbmodi2003@yahoo.com</a></p>	<p>Study on SHII induced modifications in nonlinear I-V characteristics of bulk and thin films of Fe<sup>3+</sup> - substituted CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub> cubic perovskites suitable for potential applications.</p>
93	<p>Dr. Asad Niazi  Associate professor,  Department of Physics, Jamia Millia Islamia, New Delhi-110025  Phone: 011-26984631 (O)  <a href="mailto:aniazi@jmi.ac.in">aniazi@jmi.ac.in</a></p>	<p>The influence of point defects introduced by ion/ gamma irradiation in hybrid organic-inorganic perovskite (HOP) photovoltaic (PV) materials and HOP based PV devices.</p>

#### BTR-5: LOW ENERGY ION BEAM FACILITY

S.No	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
1	<p>Dr. P. N. Maya  Visiting Scientist,  ITER-india, Institute for Plasma Research, Bhat, Gandhinagar – 382428, Gujarat  Phone: 079-23269715 (O)  Mobile: +91-8238215027  <a href="mailto:pnmaya.n@gmail.com">pnmaya.n@gmail.com</a></p>	<p>Studies on deuterium trapping in presence of helium in ion irradiated tungsten.</p>
2	<p>Prof. Ashok Kumar,  Department of Physics,  Tezpur University,  Napaam, Assam, Pin: 784028  Mobile: 09401620770  Phone: (03712)267008 (Extn. 5553),  267169(R)  <a href="mailto:ask@tezu.ernet.in">ask@tezu.ernet.in</a></p>	<p>Low energy ion irradiation effects on Transition Metal Dichalcogenides (TMDCs) and graphene based conducting polymer nanocomposites for electrochemical supercapacitors.</p>
3	<p>Dr. Shikha Wadhwa  Assistant Professor,  Amity Institute of Nanotechnology, Amity University, Uttar Pradesh,  Pin Code: 201313  Mobile: 9711202698  <a href="mailto:swadhwa@amity.edu">swadhwa@amity.edu</a></p>	<p>Surface modification of Titania nanotube arrays using low energy ion beam in Nitrogen environment for photocatalytic and sensing applications.</p>
4	<p>Prof. Debnarayan Jana  Department of Physics,  University of Calcutta,  92, A.P.C. Road, Kolkata-700009  Phone: 91-33-2350-8396, Extn. 413 (O),  09830549937 (R)  Mobile: 09830549937  <a href="mailto:djphy@caluniv.ac.in">djphy@caluniv.ac.in</a></p>	<p>Study of optical and electrical properties of Silver and Nitrogen implanted ZnO.</p>

5	<p>Dr. Manju Bala  Post-Doctorate Fellow  Department of Physics and Astrophysics,  University of Delhi, Delhi  Pin Code: 110007  Mobile: 8745037342  <a href="mailto:manjubala474@gmail.com">manjubala474@gmail.com</a></p>	<p>Ion beam induced modifications in magnetic properties of FeCo thin films.</p>
6	<p>Dr. V. S. Vendamani  National Postdoc Fellow (N-PDF) ,  Inter-University Accelerator Centre ,  Aruna Asaf Ali Marg , Near Vasanth  Kunj , New Delhi -110067  Mobile: +91-8328393668  <a href="mailto:manishavsv@gmail.com">manishavsv@gmail.com</a></p>	<p>Ion beam assisted fabrication of metal nanoparticles embedded Si/TiO<sub>2</sub> composite nanostructures .</p>
7	<p>Dr. A. P. Srivastava  Scientific Officer ,  Mechanical Metallurgy Division, Bhabha  Atomic Research Centre, Trombay ,  Mumbai-400085  Phone: 02225590457 (O)  Mobile: 9869528382</p>	<p>Irradiation study on nuclear reactor structural material .</p>
8	<p>Dr. Santosh Dubey  Associate Professor,  Department of Physics, University of  Petroleum &amp; Energy Studies, Bidholi, Via  Premnagar, Dehradun, Uttarakhand,  Pin Code: 248007  Mobile: 8052261535  <a href="mailto:santosh.dubey@ddn.upes.ac.in">santosh.dubey@ddn.upes.ac.in</a></p>	<p>Investigation of formation and stabilization of low resistance Ni-Si phase under ion irradiation.</p>
9	<p>Dr. Yashpal Singh Katharria  Assistant Professor,  PDPM Indian Institute of Information  Technology, Design &amp; Manufacturing  Jabalpur, Dumna Airport Road,  Khamaria, Jabalpur-482005, M.P.  Phone: 0761-2794354 (O)  Mobile: 8107591910  <a href="mailto:yashpalk@gmail.com">yashpalk@gmail.com</a></p>	<p>Study of ion implantation in gallium oxide.</p>
10	<p>Dr. C. Shivakumara  Principal Research Scientist , Solid state  and Structural Chemistry Unit, Indian  Institute of Science, Bangalore,  Pin Code: 560012  Phone: 08022932951 (O)  Mobile: 9448480684  <a href="mailto:shiva@sscu.iisc.ernet.in">shiva@sscu.iisc.ernet.in</a></p>	<p>Effect of Ion beam irradiation on Bismuth-Oxy halides for enhanced photocatalytic activity.</p>

11	<p>Dr. (Ms.) Compesh Pannu Research Associate , Indian Institute of Technology Delhi</p> <p>Mailing Address: C/o Prof. Santanu Ghosh, Department of Physics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi -110016 Phone: +91-11-26591348 (O) Mobile: 8860995372 <a href="mailto:compesh@gmail.com">compesh@gmail.com</a></p>	Investigation of metal concentration dependent field emission studies of ion beam irradiated FeCo-silica nanocomposite thin films.
12	<p>Dr. Sarvesh Kumar Scientist, IUAC, Post Box 10502, Aruna Asaf Ali Marg, IUAC, New Delhi- 110067 Phone: 9910955649 Mobile: 9910955649 <a href="mailto:sariuac@gmail.com">sariuac@gmail.com</a></p>	Beam current oscillations in Nanogan ECR ion source driven by Plasma instabilities.
13	<p>Mr. Inderjeet Singh C/o. Dr. Balaji Birajdar Assistant Professor, Special Centre for Nanosciences, Jawaharlal Nehru University, New Delhi- 110067 Mobile.: 9968431462 (Mr. Singh) <a href="mailto:lathaphysics69@gmail.com">lathaphysics69@gmail.com</a> Mobile: 9560479952 (Dr. Birajdar) <a href="mailto:birajdar@mail.jnu.ac.in">birajdar@mail.jnu.ac.in</a></p>	Synthesis, characterization and application of doped TiO <sub>2</sub> nano- powder and thin films.
14	<p>Mr. Joshua Asirvatham C/o. Dr. Alope Kanjilal, Associate Professor, Department of Physics, Shiv Nadar University, Greater Noida, Tehsil Dadri, Gautam Buddha Nagar, U.P. Pin Code: 201314 Mobile: 9965436683 (Mr. Asirvatham) <a href="mailto:joshuaasirvatham@gmail.com">joshuaasirvatham@gmail.com</a> Mobile: 9958840640 (Dr. Kanjilal) <a href="mailto:aloke.kanjilal@snu.edu.in">aloke.kanjilal@snu.edu.in</a></p>	To study the effect of Ge doping using the ion beam implantation technique in GaSb thin films for phase change memory applications.
15	<p>Ms. Monika Saini C/o. Prof. Rajni Shukla HOD, Department of Physics, Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Sonapat, Pin Code: 131039 Mobile: 09813263228 (Ms. Saini) <a href="mailto:sainirk1407@gmail.com">sainirk1407@gmail.com</a> Mobile: 09896232083 <a href="mailto:rajnishukla3871@gmail.com">rajnishukla3871@gmail.com</a></p>	Development of conducting polymers composites as advanced electromagnetic radiations shielding materials.

16	<p>Ms. Zara Aftab  C/o. Prof. Lekha Nair,  Department of Physics ,  Jamia Millia Islamia, Delhi-110025  Mobile: 8470027435 (Ms. Aftab)  <a href="mailto:aftabzara8@gmail.com">aftabzara8@gmail.com</a>  Mobile: 9810032194 (Prof. Nair)  <a href="mailto:lnair@jmi.ac.in">lnair@jmi.ac.in</a></p>	Ion beam induced nanostructures from metal films.
17	<p>Dr. S. Krishnaveni  Assistant professor,  DOS in Physics, University of Mysore,  Manasagangotri, Mysuru-06  Pin Code: 570006  Mobile: 09844023568  <a href="mailto:sk@physics.uni-mysore.ac.in">sk@physics.uni-mysore.ac.in</a></p>	Studies on ion beams induced defects in GaN Schottky Interface.
18	<p>Mr. Mushtaq Ahmad Magray  C/o. Dr. M. Ikram,  Associate Professor,  Department of Physics, National Institute  Of Technology Hazratbal, Srinagar -  190006  Kashmir (J&amp;K)  Phone: 9697064560 (Mr. Magray)  Mobile: 7006951393  <a href="mailto:mushtaqmagray87@gmail.com">mushtaqmagray87@gmail.com</a>  Phone: +91-8717000375,  +91-9796773912 (Dr. Ikram)  <a href="mailto:mohd_ikram1@rediffmail.com">mohd_ikram1@rediffmail.com</a>,  <a href="mailto:ikram@nitsri.net">ikram@nitsri.net</a></p>	Synthesis, characterization of some rare earth transition metal oxides and their Irradiation study.
19	<p>Mr. Gurupada Maity  C/o. Dr. Shiv Poojan Patel  Department of Pure and Applied Physics,  Guru Ghasidas Vishwavidyalaya (A  Central University), Koni,  Bilaspur-495009 (C.G.)  Mobile: 09144927126 (Mr. Maity)  <a href="mailto:gurupada.phy@gmail.com">gurupada.phy@gmail.com</a>  Mobile: +91-9479246120 (Dr. Patel)  <a href="mailto:shivpoojanbhola@gmail.com">shivpoojanbhola@gmail.com</a></p>	Ion beam assisted and thermally mediated recrystallization of amorphous semiconductors thin films.
20	<p>Ms. Richa Sharma  C/o. Dr. J. M. S. Rana  Assistant Professor,  Department of Physics,  Hemwati Nandan Bahuguna Garhwal  University, Utrakhand, S. R. T. Campus  Badshahithaul, Tehri Garhwal,  Utrakhand  Mobile: 9627422291 (Ms. Sharma)  <a href="mailto:sharmariccha05@gmail.com">sharmariccha05@gmail.com</a></p>	Electrical transport and optical properties of pure and semi metal doped Zinc Oxide and their modifications by interaction of energetic ions.

21	<p>Mr. Akash Ashok Deshmukh  C/o. Dr. U. A. Palikundwar, Assistant Professor,  Department of Physics,  Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur  Pin Code:440033  Mobile No.: 9175477696 (Mr. Deshmukh)  <a href="mailto:akdeshmukh9@gmail.com">akdeshmukh9@gmail.com</a>  Mobile: 9890155077 (Dr. Palikundwar)  <a href="mailto:uapali@yahoo.com">uapali@yahoo.com</a></p>	<p>Sudy of local structure of atoms in some metallic glasses of practical importance.</p>
22	<p>Ms. Rekha Yadav  C/o. Dr. D. P. Goyal  Dept. of Physics,  Indira Gandhi University,  Meerpur, Rewari (Haryana),  Mobile: 7027163032 (Ms. Yadav)  <a href="mailto:rekhayadavp89@gmail.com">rekhayadavp89@gmail.com</a></p>	<p>Ion beam effects on the physical properties of cupric oxide.</p>
23	<p>Dr. Basharat Want  Associate Professor,  Department of Physics,  University of Kashmir,  Hazratbal, Srinagar, Jammu and Kashmir  -190006  Phone: 0194-2421756  Mobile: 09419001037  <a href="mailto:bawant@kashmiruniversity.ac.in">bawant@kashmiruniversity.ac.in</a></p>	<p>Effect of SHI irradiation on electric and magnetic properties of rare earth containing multiferroic composites.</p>
24	<p>Dr. Davit B. Dhruv  Assistant Professor  Department of Nanotechnology,  V.V.P. Engineering College,  Gujarat Technological University,  Rajkot, Gujarat (India)  Pin Code: 360 005  Phone: +91–281–2783394 (O)  Mobile: 91 – 9033981149  Fax: +91 – 281 – 2783487  <a href="mailto:mailmedav@gmail.com">mailmedav@gmail.com</a></p>	<p>Influence of Swift Heavy Ion Irradiation on poly(3-hexyl thiophene) and nanostructure TiO<sub>2</sub> composite based thin film for solar cell applications.</p>
25	<p>Dr. Kanupriya Sachdev  Associate Professor and Head, Meterials Research Centre, MNIT Jaipur, JLN Marg, Malviya Nagar J  Mobile: 9829128200  <a href="mailto:ksachdev.phy@mnit.ac.in">ksachdev.phy@mnit.ac.in</a>,  <a href="mailto:sachdevk67@gmail.com">sachdevk67@gmail.com</a></p>	<p>Irradiation studies on Mg Silicide based films for thermoelectric applications.</p>

26	<p>Prof. Kunal B. Modi  Department of Physics, Saurashtra  University, Rajkot,  Pin Code: 360005  Phone: 0281-2588428 (O)  Mobile: 09824536994  Fax: 02812576802</p>	<p>Study on SHII induced modifications in nonlinear I-V characteristics of bulk and thin films of Fe<sup>3+</sup> - substituted CaCu<sub>3</sub>Ti<sub>4</sub>O<sub>12</sub> cubic perovskites suitable for potential applications.</p>
27	<p>Dr. Asad Niazi  Associate professor,  Department of Physics, Jamia Millia  Islamia, New Delhi-110025  Phone: 011-26984631 (O)  <a href="mailto:aniazijmi.ac.in">aniazijmi.ac.in</a></p>	<p>The influence of point defects introduced by ion/ gamma irradiation in hybrid organic-inorganic perovskite (HOP) photovoltaic (PV) materials and HOP based PV devices.</p>
28	<p>Dr. Aman Mahajan  Department of Physics, Guru Nanak Dev  University, Amritsar, Punjab- 143005  Phone: 0183-2258802-09 (Ext. 3344)  Mobile: 09417932547  <a href="mailto:aman.phy@gndu.ac.in">aman.phy@gndu.ac.in</a>,  <a href="mailto:dramanmahajan@yahoo.co.in">dramanmahajan@yahoo.co.in</a></p>	<p>Fabrication of plasmonic dye sensitized solar cell using ion beam engineered photo anodes.</p>
29	<p>Mr. Vijay Kumar  C/o. Dr. Dharmvir Singh,  Department of Physics,  Chaudhary Devi Lal University Sirsa,  Haryana, Pin Code: 125055  Mobile: 9991116431  <a href="mailto:vijayphysics48@gmail.com">vijayphysics48@gmail.com</a>  Contact: 01666233093  <a href="mailto:Dahlawat66@gmail.com">Dahlawat66@gmail.com</a></p>	<p>Ion beam induced modifications on various physical properties of Rare Earth doped iron oxide thin films.</p>