

**SUMMARY OF BEAM TIME/PROJECTS SANCTIONED DURING  
ACCELERATOR USERS COMMITTEE ( AUC-61) MEETING**

S.No	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
1	<p>Dr. Soumendu Sekhar Bhattacharjee Research Associate, Inter University Accelerator, Centre, Aruna Asaf Ali Marg, Near Vasant Kunj, New Delhi-110067 Phone: 011-26893955, 26899232, 26899233 (O) Mobile: 09804022694 Fax: 011-26893666, 26121960 <a href="mailto:souphy85@gmail.com">souphy85@gmail.com</a></p>	<p>Nuclear structure study at A~60.</p>
2	<p>Prof. S. I. Patil Department of Physics, Savitribai Phule Pune University, Ganeshkhind Road, Pune- 411007 Phone : +91-2025692678 Ext. 325 Mobile : +91-9762179148 Fax: +91-2025695201 <a href="mailto:patil@physics.unipune.ac.in">patil@physics.unipune.ac.in</a></p>	<p>Effect of silver and oxygen ion irradiation on supercapacitor performance of Mn<sub>3</sub>O<sub>4</sub> and MnFe<sub>2</sub>O<sub>4</sub> electodes deposited on stainless steel substrates.</p>
3	<p>Dr. Md. Moin Shaikh Research Associate, Inter University Accelerator Centre(IUAC), Post Box No. 10502, Aruna Asaf Ali Marg, New Delhi - 110067 Phone: +91 11 26893955 Ext. 8145 Mobile: +91 9775163037 <a href="mailto:md.moinshaikh1987@gmail.com">md.moinshaikh1987@gmail.com</a></p>	<p>Measurement of fusion excitation function for the systems 16O +159Tb from barrier to deep sub-barrier energy region.</p>
4	<p>Dr. Vibha Chopra Assitant Professor, Department of Physics, DAV College, Amritsar-143001 Phone: 0183-2534971 Mobile: 08727843444 <a href="mailto:vibhachopra04@gmail.com">vibhachopra04@gmail.com</a></p>	<p>Ion beam dosimetry of thermoluminescent phosphors.</p>
5	<p>Prof. N. C. Pant Department of Geology, Centre of Advanced Study, University of Delhi, Delhi-110007 Mobile: +91-9953781350 <a href="mailto:pantnc@gmail.com">pantnc@gmail.com</a></p>	<p>A Geo-archaeological investigation of the Harappan settlements.</p>

6	<p>Dr. Debasish Datta  Assistant Professor,  Department of Physics, Presidency  University,  86/1, College Street,  Kolkata - 700 073  Phone: (033) 2257 3770 (Office)  Mobile: 94 33 46 27 45  <a href="mailto:debasish.physics@presiuniv.ac.in">debasish.physics@presiuniv.ac.in</a></p>	<p>Study of the effect of swift heavy ion irradiation on size-selected metal nanocluster thin films.</p>
7	<p>Dr. Anukul Dhal  Postdoctoral Fellow  Experimental Nuclear Physics Division  (ENPD),  Variable Energy Cyclotron Centre,  1/AF, Bidhan Nagar, Kolkata,  Pin Code: 700 064  Phone: +91-33-2318 4163  Fax: +91-33-2334 6871  <a href="mailto:anukuldhal@gmail.com">anukuldhal@gmail.com</a>,  <a href="mailto:a.dhal@vecc.gov.in">a.dhal@vecc.gov.in</a></p>	<p>Nuclear structure study around <math>Z \sim 90</math> and <math>N \sim 126</math>.</p>
8	<p>Dr. Tilak Kumar Ghosh  Scientific Officer (F),  Variable Energy Cyclotron Centre, 1/AF,  Bidhan nagar,  Kolkata- 700064  Phone: 03323182309 (O)  Mobile: 9163183818  <a href="mailto:tilak@vecc.gov.in">tilak@vecc.gov.in</a></p>	<p>Study of the fission valley of mercury isotopes.</p>
9	<p>Dr. Haridas Pai  Ramanujan Fellow  Saha Institute of Nuclear Physics, 1/AF  Bidhannagar,  Kolkata- 700 064.  Mobile: 9432169694  <a href="mailto:h.pai@saha.ac.in">h.pai@saha.ac.in</a>,  <a href="mailto:hari.vecc@gmail.com">hari.vecc@gmail.com</a></p>	<p>Study of structural phenomena with increasing angular momentum in <math>^{202}\text{Bi}</math>.</p>
10	<p>Dr. Sunil Jai Kumar  Hear, E.C.I.L. (Post), NCCCM/BARC,  Hyderabad,  Pin Code: 500062  Phone: 27121365/27125462 (O)  Mobile: 9951911772  Fax: 27125463  <a href="mailto:suniljaikumar@rediffmail.com">suniljaikumar@rediffmail.com</a></p>	<p>Isotopic ratio measurement of the <math>^{10}\text{Be}/^9\text{Be}</math> in seawater matrices.</p>

11	<p>Prof. Hema Achyuthan  Department of Geology, Anna University,  Chennai- 600025  Phone: 044-22358453 (O)  044-24463136 (R)  Mobile: 09382849662  Fax: 044-22356061  <a href="mailto:hachyuthan@yahoo.com">hachyuthan@yahoo.com</a></p>	<p>a) AMS Dating of lake sediments and reconstruction of paleo southwest monsoon and the westerlies.  b) Be concentration and <math>^{14}\text{C}</math> AMS dating of loess paleosols of Ladakh.</p>
12	<p>Prof. R. Padma Suvarna  Department of Physics,  Jawaharlal Nehru Technological University  (College of Engineering) Anantapur  (JNTUA), Anantapuramu, Andhra Pradesh,  Pin Code: 515001  Mobile: +91 9441079332  <a href="mailto:padmajntu@gmail.com">padmajntu@gmail.com</a></p>	<p>Effect of irradiation on polymer gels for dyesensitised solar cells.</p>
13	<p>Dr. Vishal Srivastava  Research Associate  Nuclear Physics Group, IUAC,  Aruna Asaf Ali Marg,  New Delhi -110067  Phone: 26893955 Ext. No. 343  Mobile: 8800987136  <a href="mailto:vis.vip22@gmail.com">vis.vip22@gmail.com</a></p>	<p>Study of <math>^{26}\text{Al}</math> through <math>^6\text{Li}</math> induced reaction around and above barrier energies.</p>
14	<p>Dr. Vijay Raj Sharma  Research Associate  Nuclear Physics Group, IUAC, Aruna Asaf Ali Marg,  New Delhi -110067  Mobile : +91-9910207152  <a href="mailto:phy.vijayraj@gmail.com">phy.vijayraj@gmail.com</a></p>	<p>Role of positive or negative Q-values in transfer/pickup reactions and its effect on sub barrier fusion cross-sections.</p>
15	<p>Prof. Paul Tapponnier  Tectonics Group Leader,  N2-01a-09b, 50, Nanyang Avenue, Earth  Observatory of Singapore, Nanyang  Technological University, Singapore-  639798  Phone: (+65) 6592 1715  <a href="mailto:tappon@ntu.edu.sg">tappon@ntu.edu.sg</a></p>	<p>Paleoseismology of Himalayan Frontal Thrust.</p>
16	<p>Dr. V. N. Prabhakar  Visiting Assistant Professor  IIT Gandhinagar, Palaj ,  Simkheda, Gandhinagar ,  Pin Code: 382355  Phone: 9586199835 (R)  Mobile: 9586199837  <a href="mailto:vnprabhu@iitgn.ac.in">vnprabhu@iitgn.ac.in</a></p>	<p>Further understanding the Protohistoric chronology of lower Drisadvati valley (northern Rajasthan).</p>

17	<p>Prof. Dr. Udayan De          Calcutta Institute of Engineering and Management / WBUT,          24/1A Chandi Ghosh Road, Tollygunge,          Kolkata- 700040          Phone : 033-24816767 (O)          033-25250531 (R)          Mobile : 7044066722          Fax : 033-2421 9951/8998  <a href="mailto:ude2006@gmail.com">ude2006@gmail.com</a></p>	<p>50 MeV Li-ion damage in Fe-Superconductors with probing by positron annihilation and measurement of bulk properties &amp; structure.</p>
18	<p>Dr. M. Matejska-Minda          HIL, University of Warsaw, Poland,          Mailing Address: 5A Pastura,          Pin Code: 02093  <a href="mailto:mmatejska@slcj.uw.edu.pl">mmatejska@slcj.uw.edu.pl</a></p>	<p>Coulomb excitation of <math>^{45}\text{Sc}</math>.</p>
19	<p>Dr. Compesh Pannu          C/o. Dr. Santanu Ghosh, Associate Professor,          Department of Physics,          Indian Institute of technology, Delhi, Hauz Khas,          New Delhi - 110016          Phone: +91-11-26591348          Mobile: 8860995372  <a href="mailto:Compesh@gmail.com">Compesh@gmail.com</a>,  <a href="mailto:ird11546@physics.iitd.ac.in">ird11546@physics.iitd.ac.in</a></p>	<p>Field emission studies on Au decorated graphene sheets using ion beam irradiation.</p>
20	<p>Dr. Udai Bhan Singh          National Postdoctoral Fellow,          C/o. Dr. Santanu Ghosh (Associate Professor)          Department of Physics,          Indian Institute of Technology Delhi, Hauz Khas,          New Delhi- 110016          Phone: +91-11-26591348 (O)          Mobile: +91-8586867589  <a href="mailto:udaibhansingh123@gmail.com">udaibhansingh123@gmail.com</a></p>	<p>Development of coupled plasmonics systems for giant enhancement in surface enhanced raman scattering.</p>
21	<p>Dr. V. N. Prabhakar          Visiting Assistant Professor          IIT Gandhinagar, Palaj,          Simkheda, Gandhinagar,          Pin Code: 382355          Phone: 9586199835 (R)          Mobile: 9586199837  <a href="mailto:vnprabhu@iitgn.ac.in">vnprabhu@iitgn.ac.in</a></p>	<p>Investigations into the chronology of the Harappan site of Dholavira, district Kachchh, Gujarat.</p>

22	<p>Dr. Sandhya Misra  DST-Young Scientist,  Birbal Sahni Institute of Palaeosciences,  53-University Road, Lucknow-226007  Phone: 0522-2742996 (O)  Mobile: +91-7376982622  sandhyabsip@gmail.com</p>	<p>Analysis of plants and human relationship since late pleistocene from Dzukou Valley, Nagaland, Northeast India funded by DST-SERB, New Delhi, India.</p>
23	<p>Mr. Mudit Trivedi  Ph.D Student  University of Chicago  Mailing Address: D-203, Vidisha Apartments, 79 I.P. Extension, Patparganj, Delhi-110092  Mobile: +91-9910022426  <a href="mailto:mudit@uchicago.edu">mudit@uchicago.edu</a>,  <a href="mailto:mudit.trivedi@gmail.com">mudit.trivedi@gmail.com</a></p>	<p>Archaeometric investigations towards establishing absolute chronometric constraints via AMS techniques on charcoal samples selected from the archaeological assemblages excavated at the site of Indor (District Alwar, Rajasthan).</p>
24	<p>Dr. K. Asokan  Scientist F  Inter University Accelerator Centre, Aruna Asaf Ali Marg,  JNU Campus, New Delhi- 110067  Mobile: 9968290508  <a href="mailto:asokaniuac@gmail.com">asokaniuac@gmail.com</a></p>	<p>Thermoelectric properties of nanostructured n-type and p-type Skutterudites (<math>\text{CoSb}_3</math>) thin films and their electronic structure.</p>
25	<p>Ms. Rajashri Ramchandra Urkude  Women Scientist- A Fellow  Department of Physics,  Rashtrasant Tukadoji Maharaj Nagpur University, Amravat Road, Nagpur,  Maharashtra,  Pin Code: 440033  Mobile: +91-9921491567  <a href="mailto:rajashriurkude@gmail.com">rajashriurkude@gmail.com</a></p>	<p>Ion beam irradiation effects on the surface properties of the 3d transition metal doped Topological Insulators.</p>
26	<p>Dr. Deepak Verma  Assistant Professor,  School of Engineering &amp; Applied Science,  Ahmedabad University.  Mailing Address: Opp. M. G. Science College, AES, FP. 4, Near Commerce Six Roads, Navrangpura, Ahmedabad,  Pin Code: 380009  Phone: 079-61911168 (O)  Mobile: 7043134161  <a href="mailto:deepak.verma@ahduni.edu.in">deepak.verma@ahduni.edu.in</a></p>	<p>Role of swift heavy ion on the performance of perovskite solar cell.</p>

27	<p>Dr. V. Raghavendra Reddy  Scientist - F  UGC-DAE Consortium for Scientific Research ,  Khandwa Road, Indore - 452 001  Phone: 0731-2463913 (ext:122/226)  Mobile: 9425410641  <a href="mailto:vrreddy@csr.res.in">vrreddy@csr.res.in</a></p>	<p>Study of swift heavy ion induced modifications of <math>RFeO_3</math> (R=Gd and Sm) and <math>BaTiO_3</math> thin films using in-situ Raman and XRD measurements.</p>
28	<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 camping site on Sasoma-Saserla Road, Nubra Valley, J&amp;K.</p>
29	<p>Dr. Praveen D  Assistant Professor,  Dept. of Physics,  Amrita Vishwa Vidyapeetham,  Kasavanahalli, Carmelram Post, Bangalore,  Pin Code: 560 035  Phone: 080 2518 3700 (O)  Mobile; +91 99028 26208  <a href="mailto:d_praveen@blr.amrita.edu">d_praveen@blr.amrita.edu</a></p>	<p>Radiation damage studies on multi-junction solar cells.</p>
30	<p>Dr. Pradip Datta  Associate Professor,  Ananda Mohan College, Calcutta, 102/1,  Raja Rammohan Sarani, Kolkata,  Pin Code: 700 009  Mobile : 09433847851  <a href="mailto:pdatta.ehp@gmail.com">pdatta.ehp@gmail.com</a></p>	<p>Study of <math>^{111}Cd</math>: search for magnetic and anti-magnetic rotation.</p>
31	<p>Ms. Hajara K  C/o. Dr. M. M. Musthafa  Department of Physics,  University of Calicut,  Calicut University PO,  Kerala- 673635  Mobile: 09745509190,  04942407456  <a href="mailto:mm_musthafa@rediffmail.com">mm_musthafa@rediffmail.com</a>  Mobile: 9745298837  (Ms. Hajara K)  Phone: 04832726642  <a href="mailto:khajara3@gmail.com">khajara3@gmail.com</a></p>	<p>Systematic study of heavy ion induced reactions near and above coulomb barrier in the mass region <math>A &gt; 200</math>.</p>

32	<p>Ms. Bhagyalakhi Baruah  C/o. Prof. Ashok Kumar  Department of Physics,  Tezpur University,  Napaam- 784028, Assam  Phone: (03712)267008 (Extn. 5523),  267169 (R)  <a href="mailto:ask@tezu.ernet.in">ask@tezu.ernet.in</a>  Mobile: 9706249567  (Ms. Bhagyalakhi)  <a href="mailto:bhagya9@tezu.ernet.in">bhagya9@tezu.ernet.in</a></p>	<p>Synthesis, characterization and application of graphene based PEDOT: PSS nanocomposites and swift heavy ion irradiation effects.</p>
33	<p>Mr. Sajad Ali  C/o. Prof. Asimananda Goswami,  Nuclear Physics Division,  Saha Institute of Nuclear Physics,  1/AF Bidhannagar, Kolkata-700064  Mobile: +91-9433051664  <a href="mailto:asimananda.goswami@saha.ac.in">asimananda.goswami@saha.ac.in</a>,  <a href="mailto:asimananda.goswami@gmail.com">asimananda.goswami@gmail.com</a>  Mobile: +919647256723  (Mr. Sajad)  <a href="mailto:sajad.ali@saha.ac.in">sajad.ali@saha.ac.in</a></p>	<p>Structural evolution of weakly deformed nuclei in mass~140 region with increasing angular momentum.</p>
34	<p>Mr. Om Prakash  C/o. Prof. Pralay Maiti  School of Materials Science &amp; Technology,  IIT (BHU),  Varanasi, U.P.  Pin Code: 221005  Mobile: 9935141321  <a href="mailto:pmaiti.mst@itbhu.ac.in">pmaiti.mst@itbhu.ac.in</a>  Mobile: 8081536095  (Mr. Om Prakash)  <a href="mailto:opbhu123@gmail.com">opbhu123@gmail.com</a></p>	<p>Porous polymeric materials for fuel cell membrane.</p>
35	<p>Mr. Mohd Idrees Magrey  C/o. Dr. P. A. Ganai,  Assistant Professor  Department of Physics,  National Institute Of Technology, NIT  Entrance Rd, Hazaratbal, Srinagar, Jammu  and Kashmir-190006  Mobile: +91-9796754188  (Dr. Ganai)  <a href="mailto:prince.ganai@gmail.com">prince.ganai@gmail.com</a>  Mobile: +91-9596029509  (Mr. Magrey)  <a href="mailto:magreysameer@gmail.com">magreysameer@gmail.com</a></p>	<p>Study of dynamic properties of nuclei in different mass regions at high angular momentum.</p>

36	<p>Mr. S. Satyanarayana Reddy  C/o. Dr. K. R. Nagabhushana,  Dept. of S &amp; H and R &amp; D Center Physics,  P.E.S. Institute of Technology (An  autonomous institute under VTU, Belgaum  and UGC, New Delhi),100 feet Ring Road,  B.S.K. III stage, Bangalore-560 085, India.  Mobile: +91 9481037231  <a href="mailto:bhushankr@gmail.com">bhushankr@gmail.com</a>  Mobile: +917795544880  (S. S. Mr. Reddy)  <a href="mailto:satyanr.phy@gmail.com">satyanr.phy@gmail.com</a></p>	<p>Synthesis and Characterization of Al<sub>2</sub>O<sub>3</sub>  for Ion Beam Dosimetry.</p>
37	<p>Mr. Jaimin R. Acharya  C/o. Prof. S. Mukherjee, Department of  Physics,  The Maharaja Sayajirao University of  Baroda, Vadodara - 390002  Mobile: +919426386904  <a href="mailto:sk.mukherjee-phy@msubaroda.ac.in">sk.mukherjee-phy@msubaroda.ac.in</a>  Mobile: +917405523620  (Mr. J. R. Acharya)  <a href="mailto:jaiming89@gmail.com">jaiming89@gmail.com</a></p>	<p>Study of neutron and charged particle  emission mechanism in heavy ion  reactions.</p>
38	<p>Mr. Uday Shankar Ghosh  C/o. Dr. Buddhadev Mukherjee  Department of Physics,  Visva- Bharti,  Santiniketan- 731235 (West-Bengal)  Mobile: +91-9735893022/ 9476408604  <a href="mailto:buddhadev.mukherjee@visva-bharati.ac.in">buddhadev.mukherjee@visva-bharati.ac.in</a>  Mobile: +91-8145539809/8159931671  (Mr. Ghosh)  <a href="mailto:usghosh88@gmail.com">usghosh88@gmail.com</a></p>	<p>Spectroscopy of <sup>199,201,203</sup> At nuclei.</p>
39	<p>Mr. Krunalsinh N. Rathod  C/o. Prof. Nikesh A. Shah  Department of Physics,  Saurashtra Univeristy,  Rajkot, Gujrat, Pin- 360005  Telephone: +91-281-2588428 (O)  +91-281-2562377 (R)  Mobile: +91-9099939450  Fax: +91-281-2586983  snikesh@yahoo.com  Mobile: 09033351264 (Mr. Rathod)  <a href="mailto:rkunalsinh@gmail.com">rkunalsinh@gmail.com</a></p>	<p>Fabrication and investigations on  functional oxide based thin film  devices.</p>

40	<p>Mr. Rahul Kumar  C/o. Dr. Mahesh Kumar  Department of Electrical Engineering,  Indian Institute of Technology Jodhpur, Old  Residency Road, Ratanada, Jodhpur-342011  Mobile: 09460153010  <a href="mailto:mkumar@iitj.ac.in">mkumar@iitj.ac.in</a>  Mobile: 07065146205 (Mr. Rahul)  <a href="mailto:kumar.34@iitj.ac.in">kumar.34@iitj.ac.in</a></p>	<p>Swift heavy ion for tailoring the sensing behavior of MoS<sub>2</sub>.</p>
41	<p>Mr. Keval Gadani  C/o. Prof. Nimesh A. Shah  Department of Physics,  Saurashtra Univeristy,  Rajkot, Gujrat  Pin- 360005  Telephone: +91-281-2588428 (O)  +91-281-2562377 (R)  Mobile: +91-9099939450  Fax: +91-281-2586983  snimesh@yahoo.com  Mobile: 07433803234 (Mr. Gadani)  <a href="mailto:kjgadani@gmail.com">kjgadani@gmail.com</a></p>	<p>Transport properties of functional oxide based thin film devices.</p>
42	<p>Ms. Honey Arora  C/o. Prof. Gulzar Singh Department of  Physics,  Panjab University,  Chandigarh -160014  Mobile: 8427974397  <a href="mailto:gulzar@pu.ac.in">gulzar@pu.ac.in</a>  Mobile: 08427396023 (Ms. Arora)  <a href="mailto:honeyarora3191@gmail.com">honeyarora3191@gmail.com</a></p>	<p>Anomalous light particle spectra in heavy ion induced fusion reactions.</p>
43	<p>Ms. Devinder Pal Kaur  C/o. Dr. B. R. Behera,  Department of Physics,  Panjab University Chandigarh,  Chandigarh(UT)- 160014  Mobile : 098153-24956  bivash@pu.ac.in, <a href="mailto:bivash.pu@gmail.com">bivash.pu@gmail.com</a>  Mobile: 070871-99077,094177-77022  (Ms. Kaur)  <a href="mailto:devinderkaur.dk@gmail.com">devinderkaur.dk@gmail.com</a></p>	<p>Mapping the evaporation residue cross sections for the closed-shell nuclei (extra push versus shell closure).</p>

44	<p>Ms. Anupriya Sharma  C/o. Prof. Shashi K. Dhiman, Department of Physics, Himanchal Pradesh University Shimla, Shimla - 171005  Phone: 09459490400  0177-2833739,2830950  <a href="mailto:shashi.dhiman@gmail.com">shashi.dhiman@gmail.com</a>  Mobile: 09805123360  (Ms. Sharma)  <a href="mailto:anupriya.jotu@gmail.com">anupriya.jotu@gmail.com</a></p>	<p>Study of K-Isomers and high-spin states in A=180 mass region.</p>
45	<p>Mr. Jitendra Singh  C/o. Dr. Fouran Singh  Materials Science Group,  Inter-University Accelerator Centre (IUAC),  New Delhi-110067  Phone: 011-26892601 (ext-8202);  Mob- 09868204083  <a href="mailto:fouran@gmail.com">fouran@gmail.com</a>  Mobile: 08006478312  <a href="mailto:jitendras.physics@gmail.com">jitendras.physics@gmail.com</a></p>	<p>Influence of ion beams on organic thin films and their hybrid nanocomposites for switching applications.</p>
46	<p>Mr. Umakant Lamani  C/o. Prof. (Mrs.) Pragya Das, Associate Professor,  Department of Physics, Indian Institute of Technology Bombay,  Pin Code: 400076  Phone: 25767566 (Off.),  22804574 (Res.)  <a href="mailto:pragya@phy.iitb.ac.in">pragya@phy.iitb.ac.in</a>  Mobile: 8722595620 (Mr. Lamani)  <a href="mailto:umakant.lamani91@gmail.com">umakant.lamani91@gmail.com</a>,  <a href="mailto:umakant@phy.iitb.ac.in">umakant@phy.iitb.ac.in</a></p>	<p>Measurement of transition probabilities of nuclei excited at intermediate energies.</p>
47	<p>Mr. Ratankumar Keshavsingh  C/o. Prof. N. L. Singh  Department of Physics,  The M. S. University of Baroda, Vadodara,  Gujarat,  Pin Code: 390002  Mobile: 9426409840  <a href="mailto:singhnl_msu@yahoo.com">singhnl_msu@yahoo.com</a>,  <a href="mailto:nl.singh-phy@msubaroda.ac.in">nl.singh-phy@msubaroda.ac.in</a>  Mobile: 8460602735  (Mr. Keshavsingh)  <a href="mailto:ratankumar339@gmail.com">ratankumar339@gmail.com</a></p>	<p>Study of heavy ion induced fusion/fission reactions around coulomb barrier.</p>

48	<p>Ms. Ksh. Devarani Devi  C/o. Dr. Fouran Singh,  Scientist - F,  Materials Science Group, Inter-University  Accelerator Centre (IUAC), New  Delhi-110067  Phone: 011-26892601 (ext-8202)  Mobile:09868204083  <a href="mailto:fouran@gmail.com">fouran@gmail.com</a>  Mobile: 09810741666 (Ms. Devi)  <a href="mailto:kdevarani@gmail.com">kdevarani@gmail.com</a></p>	<p>Study of bimetallic nanoparticles in dielectric matrices and their modifications by swift heavy ions.</p>
49	<p>Mr. K. Neelavannan  C/o. Dr. Shaik Mohammad Hussain,  Department of Geology, Guindy Campus,  University of Madras, Chennai-600025  Mobile: 09444415027  <a href="mailto:smhussain7@hotmail.com">smhussain7@hotmail.com</a>  Mobile: 9789824800  (Mr. Neelavannan)  <a href="mailto:k.neelavannan@gmail.com">k.neelavannan@gmail.com</a></p>	<p>Geochemical and magnetic studies on late quaternary sediments from eastern Arabian Sea and its paleoenvironmental implications.</p>
50	<p>Mr. Mohd Nasir  C/o. Dr. Somaditya Sen,  Associate Professor,  Department of Physics,  Indian Institute of Technology Indore,  Khandwa Road, Simrol, Indore, Madhya  Pradesh-453552  Mobile: 08878036359, +91-7312438970  <a href="mailto:sens@iiti.ac.in">sens@iiti.ac.in</a>  Mobile: +919584416376  (Mr. Nasir)  <a href="mailto:phd1401151010@iiti.ac.in">phd1401151010@iiti.ac.in</a></p>	<p>Ion beam induced structural, electrical, dielectric and magnetic properties of modified <math>\text{La}_2\text{NiMnO}_6</math> double perovskite.</p>
51	<p>Ms. Shilpa Bhavsar  C/o. Prof. N. L. Singh  Department of Physics,  The M. S. University of Baroda, Vadodara,  Gujarat  Pin Code: 390002  Mobile: 9426409840  <a href="mailto:singhnandlal@gmail.com">singhnandlal@gmail.com</a>  <a href="mailto:nl.singh-phy@msubaroda.ac.in">nl.singh-phy@msubaroda.ac.in</a>  Mobile: 09714945015  <a href="mailto:bhavsar.shilpa212@gmail.com">bhavsar.shilpa212@gmail.com</a></p>	<p>Modification of metal oxide doped polymer nanocomposites using ion beam irradiation.</p>

52	<p>Ms. Anuradha  C/o. Dr. K. Asokan,  Scientist F,  Inter-University Accelerator Centre, Aruna  Asaf Ali Marg,  Near Vasant Kunj,  New Delhi- 110067  Mobile: 09968290508  <a href="mailto:asokaniuac@gmail.com">asokaniuac@gmail.com</a>  Mobile: 9582224591  <a href="mailto:anu.bhogra@gmail.com">anu.bhogra@gmail.com</a></p>	<p>Synthesis of nanostructured oxides using ion beam and their Thermoelectric properties.</p>
53	<p>Ms. Anha Masarrat  C/o. Dr. K. Asokan,  Scientist F,  Inter-University Accelerator Centre, Aruna  Asaf Ali Marg, Vasant Kunj, New  Delhi-110067  Mobile: 09968290508  <a href="mailto:asokaniuac@gmail.com">asokaniuac@gmail.com</a>  Mobile: 7838392533  (Ms. Masarrat)  <a href="mailto:anhamasarrat1991@gmail.com">anhamasarrat1991@gmail.com</a></p>	<p>Fabrication of nanostructured skutterudite using ion beams and their thermoelectric properties.</p>
54	<p>Ms. Richa  C/o. Prof. Navdeep Goyal  Department of Physics ,  Panjab University , Chandigarh 160014 ,  Mobile: +91-9216577500  <a href="mailto:ngoyal@pu.ac.in">ngoyal@pu.ac.in</a>  Mobile:+91-7589297611  (Ms. Richa)  <a href="mailto:rbhardwaj@pu.ac.in">rbhardwaj@pu.ac.in</a></p>	<p>Electronic and magnetic structural study of pure and doped ZnO nanostructures.</p>
55	<p>Dr. Pratima Solanki  Assistant Professor,  Special Centre for Nanoscience, Jawaharlal  Nehru University,  New Delhi - 110067  Phone: 011-26704740 (O)  011- 267 42809 (104) (R)  Mobile: 09871584410  <a href="mailto:pratimarsolanki@gmail.com">pratimarsolanki@gmail.com</a></p>	<p>Effect of ion irradiation on Biopolymer-metal oxide based nanocomposites for removal of Water Pollutants.</p>
56	<p>Dr. D. D. Pandya  Associate Professor,  Human Resource Development Centre  (HRDC), Saurashtra University, Rajkot,  Gujarat-360005  Phone: +91-281-2577679  Mobile: +91-9428003110  Fax: +91-281-2576347  <a href="mailto:dhiren_pandya@yahoo.com">dhiren_pandya@yahoo.com</a></p>	<p>Electro and magnetotransport studies on manganite based thin films and devices: Role of swift heavy ion irradiation</p>

57	<p>Dr. Faiyazur Rahman Associate Professor, Department of Physics, Aligarh Muslim University, Aligarh-202002 Phone: 0571-2701001 (O) 0571-2720283 (R) Mobile: 09897269108 <a href="mailto:faiziphys@gmail.com">faiziphys@gmail.com</a></p>	<p>Swift heavy ion irradiation induced modifications of doped indium oxide films for optoelectronic applications.</p>
58	<p>Dr. Pawan Kumar Tyagi Asst. Professor, Dept. of Applied Physics, Delhi Technological University (Formerly Delhi College of Engineering), Shahabad, Daulatpur, Bawana Road, Delhi-110042 Mobile: +91-8800977457 <a href="mailto:tyagi_pawan@yahoo.co.in">tyagi_pawan@yahoo.co.in</a> <a href="mailto:Pawan.phy@dce.edu">Pawan.phy@dce.edu</a></p>	<p>Ion irradiation on filled- multiwalled carbon nanotubes to create N-V Center.</p>
59	<p>Dr. Achchhe Lal Sharma Assistant Professor, Centre for Physical Sciences, Central University of Punjab, Bathinda-151001 Phone: 0164-2864220 (O) Mobile: +91-9023697742 Fax: +91-164-2864106 <a href="mailto:alsharmaiitkgp@gmail.com">alsharmaiitkgp@gmail.com</a></p>	<p>Improvement in electrochemical properties of divalent lithium orthosilicate materials through high/ low energy ion beam.</p>
60	<p>Prof. R. G. Sonkawade Department of Physics, Shivaji University, Kolhapur-416004 Maharashtra Phone: 0231-2609228 Mobile: 09763041193 <a href="mailto:sonkawade@gmail.com">sonkawade@gmail.com</a></p>	<p>Industrial applications of supercapacitive <math>Zn_xCo_{3-x}O_4</math> thin films using swift heavy ions.</p>
61	<p>Dr. Md. Sabir Ali Assistant Professor, Maulana Azad National Urdu University, MANUU Polytechnic, Ilyas Ashraf Nagar, Chandanpatti, Laherisarai , Dist. Darbhanga, Bihar, Pin Code: 846001 Phone: 06272 210053 Mobile: 9939109685 <a href="mailto:sabirjkh@gmail.com">sabirjkh@gmail.com</a></p>	<p>Study of fusion suppression in heavy ion induced reactions above the barrier energy.</p>

62	<p>Dr. Pragati Kumar  Assistant Professor  Department of Nano Sciences and Materials  Central University of Jammu, Temporary Academic Block  Sector-E, Extn. Sainik Colony, Jammu, Pin Code: 180011  Mobile: 9055180885  pkumar.phy@gmail.com,  <a href="mailto:pkumar.phy@cuammu.ac.in">pkumar.phy@cuammu.ac.in</a></p>	<p>Ion beam induced modification of luminescence activators doped CdS thin films.</p>
63	<p>Dr. L. Kungumadevi  Assistant Professor,  Department of Physics,  Mother Teresa Women's University,  Attuvampatty,  Kodaikanal- 624101,  Tamilnadu  Phone: 04542 241685  Mobile: 094866 56076  <a href="mailto:sivarivudevi@gmail.com">sivarivudevi@gmail.com</a></p>	<p>Effect of SHI irradiation on nanostructured metal sulfides for thermoelectric applications.</p>
64	<p>Dr. Dharmendra Singh  Assistant Professor,  Centre for Applied Physics, Central University of Jharkhand, Brambe,  Ranchi-835 205, Jharkhand  Mobile: 08809323825  <a href="mailto:dsinghiuac@gmail.com">dsinghiuac@gmail.com</a></p>	<p>Study of incomplete fusion dynamics and its dependency on target deformation above the coulomb barrier.</p>
65	<p>Prof. J. K. Quamara  Department of Physics,  National Institute of Technology,  Kurukshetra- 136119  Mobile: +91-9416381783  <a href="mailto:jkquamara@yahoo.com">jkquamara@yahoo.com</a></p>	<p>Dielectric relaxation investigations in swift heavy ion irradiated ferroelectric ceramic/ ploymer nano- composites.</p>
66	<p>Dr. Anup Thakur  Assistant Professor in Physics,  Department of Basic &amp; Applied Sciences,  Punjabi University, Patiala, Punjab,  Pin Code: 147002  Phone: 0175-3046336 (O)  0175-2970729 (R)  Mobile: 9417110095  <a href="mailto:dranupthakur@gmail.com">dranupthakur@gmail.com</a></p>	<p>Influence of swift heavy ion irradiation and implantation on the structural, electrical and optical properties of Ge-Sb-Te thin films.</p>
67	<p>Dr. Sunil Devi  Assistant Professor  School of Physics and Materials Science,  Thapar University, Patiala, Punjab,  Pin Code: 147004  Mobile: 7087937045  <a href="mailto:sunil.devi@thapar.edu">sunil.devi@thapar.edu</a></p>	<p>Fusion and multi-nucleon transfer reactions for <math>^{28}\text{Si} + ^{76}\text{Ge}</math> and <math>^{30}\text{Si} + ^{74}\text{Ge}</math> around the coulomb barrier.</p>

68	<p>Prof. Shakeel Khan  Department of Applied Physics, Faculty of Engineering &amp; Technology, AMU, Aligarh,  Pin Code: 202002  Phone: 0571-2700920  Ext. 3040 (O)  Mobile: +919358210751  <a href="mailto:skhanapd@gmail.com">skhanapd@gmail.com</a></p>	<p>Effect of SHI irradiation induced modifications on structural, electrical, and magnetic properties of Ni doped BiFeO<sub>3</sub> nanostructures.</p>
69	<p>Dr. Ratan Das  Assistant Professor,  Department of Physics,  Tripura University, Suryamaninagar,  Agartala, Tripura (West),  Pin Code: 799022  Phone: 0381-237-9303(R)  Mobile: +91-8974445986  <a href="mailto:dasratanphy@gmail.com">dasratanphy@gmail.com</a>,  <a href="mailto:dasratantuphy@tripurauniv.in">dasratantuphy@tripurauniv.in</a></p>	<p>Effect of ion irradiation on the elastic and optical properties of chemically synthesized, a few Group II- VI semiconductor nanocrystals.</p>
70	<p>Prof. Shruti Aggarwal  BFR-302, B Block, Guru Gobind Singh Indraprastha University, New Delhi - 110078  Phone: 01125302412 (O)  Mobile: +919873162317  <a href="mailto:shruti.al@gmail.com">shruti.al@gmail.com</a></p>	<p>Investigation of the thermoluminescence properties of the doped perovskite materials with ion beam irradiation.</p>
71	<p>Prof. Atul Khanna  Department of Physics,  Guru Nanak Dev University,  Amritsar-143005, Punjab  Phone: 0183-225-8802  Extension: 3168 (O)  0183-222-1091 (R)  Mobile: 9876797402  Fax: 0183-225-8820  <a href="mailto:atul.phy@gndu.ac.in">atul.phy@gndu.ac.in</a></p>	<p>Tailoring of photoluminescence properties of rare earth doped tellurite glasses by swift heavy ion irradiation.</p>
72	<p>Dr. Rajneesh Kumar Verma,  Assistant Professor,  Department of Physics,  University of Lucknow,  Lucknow, Uttar Pradesh,  Pin Code: 226007  Mobile: 09950186810  <a href="mailto:iitdrajneesh@gmail.com">iitdrajneesh@gmail.com</a></p>	<p>Effect of swift-heavy ions on the sensitivity of surface plasmon resonance based fiber optic sensors for biomedical applications.</p>

73	Dr. Pooja U. Sharma Assistant Professor M. N. College, Visnagar, Dist: Mehsana, Gujarat, Pin Code: 384315 Mobile: 09427082579 <a href="mailto:poojausharma@gmail.com">poojausharma@gmail.com</a>	Tailoring FMR linewidth of YIG thinfilms using swift heavy ion irradiation.
74	Dr. Sanjeev Gautam Assistant Professor in Physics, Panjab University Chandigarh, Dr. S.S. Bhatnagar University Institute of Chemical Engineering & Technology, Pin Code: 160014 Phone: 0172-2541241 (O) 0172-2537901 (R) Mobile: 09779713212 Fax: 0172-2725920 0172-2783336 sgautam71@gmail.com, <a href="mailto:sgautam@pu.ac.in">sgautam@pu.ac.in</a>	Irradiation induced interface and magnetic study of Zinc ferrite/insulator/cobalt ferrite multilayers.
75	Dr. Vikas Sharma Head I/C and Assistant Professor, Department of Physics, SoPS, Doon University, Kedarpur, Dehradun, Pin Code: 248001 Phone: +91-135-2533136 (O) Mobile: +91-9557153030 Fax: +91-135-2533115 <a href="mailto:vsharma.ph@doonuniversity.ac.in">vsharma.ph@doonuniversity.ac.in</a>	Effect of ion-irradiation on different components of hybrid solar cells.

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

S.No	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
1	Dr. Dilip Kumar Singh DST-Inspire Faculty, Room No.02, Physics and Engineering of Carbon, Division of Material Physics and Engineering, National Physical Laboratory, New Delhi- 110012 Mobile No.: 8130610762 <a href="mailto:dilipsinghnano1@gmail.com">dilipsinghnano1@gmail.com</a>	Defect Engineering of Nano-diamonds for Nano-photonics applications.
2	Prof. Ashok Kumar Department of Physics, Tezpur University, Napaam- 784028, Assam Phone: (03712)267008 (Extn. 5523), 267169 (R) <a href="mailto:ask@tezu.ernet.in">ask@tezu.ernet.in</a>	Low Energy ion irradiation effects on Graphene based PEDOT: PSS nanocomposites.

3	<p>Dr. Jyoti Ranjan Mohanty  Assistant Professor,  Department of Physics,  Room No. E505 ,  Indian Institute of Technology Hyderabad,  Kandi, Sangareddy, Telangana.  Pin Code: 502285  Phone: 0091-40-23017073  Mobile: 8985297072  Fax: +91-40-2301-6003  <a href="mailto:jmohanty@iith.ac.in">jmohanty@iith.ac.in</a></p>	<p>Tuning perpendicular magnetic anisotropy in magnetic thin films by ion beam irradiation.</p>
4	<p>Dr. Pratap Kumar Sahoo  Reader-F,  SPS, NISER, Jatni,  Khordha, Bhubaneswar, Odisha - 752050  Phone: 0674-2494258 (O)  Mobile: +91-9937615317  <a href="mailto:pratap.sahoo@niser.ac.in">pratap.sahoo@niser.ac.in</a></p>	<p>Fabrication of p-n junctions in ZnO nanowires influenced by O ion Implantations.</p>
5	<p>Dr. Pratap Kumar Sahoo  Reader-F,  School of Physical Sciences, NISER,  Jatni, Khurda,  Odisha - 752050  Phone: 0674-2494258 (O)  Mobile: +91-9937615317  <a href="mailto:Pratap.sahoo@niser.ac.in">Pratap.sahoo@niser.ac.in</a></p>	<p>Synthesis of metal-semiconductor core-shell nanostructure on SiO<sub>2</sub> by ion irradiation on metal-semiconductor-metal thin films.</p>
6	<p>Dr. S. K. Dubey  Associate Professor,  Department of Physics, University of  Mumbai, Vidyanageri Campus, Santacruz  (East),  Mumbai - 400 098  Phone: 022-26543598, 022-26526250 (O)  022-26532044 (R)  Mobile: 09969141768  Fax: 022-26549837  <a href="mailto:skdubey@physics.mu.ac.in">skdubey@physics.mu.ac.in</a></p>	<p>Study the effects of silicon negative ion implantation in GaAs.</p>
7	<p>Prof. Sahab Dass  Dept. of Chemistry,  Faculty of Science,  Dayalbagh Educational Institute, Dayalbagh,  Agra (U.P),  Pin Code: 282005  Mobile: 9219695960  Fax: 0562-2801226  <a href="mailto:drsahabdas@gmail.com">drsahabdas@gmail.com</a></p>	<p>Studies to understand the influence of morphology on semiconductor/ electrolyte interface in photoelectrochemical splitting of water.</p>

8	<p>Dr. Punita Verma Associate Professor Department of Physics, Kalindi College, East Patel Nagar, New Delhi - 110008 Phone: 011-25787604 (O) 01122591580 (R) Mobile: 9868617769, 8800650576 Fax: 011-25782505 <a href="mailto:drpunitaverma.nature@gmail.com">drpunitaverma.nature@gmail.com</a></p>	<p>Ion atom collisions at low energies: X-ray measurements for inferences of various atomic physics phenomena.</p>
9	<p>Dr. Udai Bhan Singh National Postdoctoral Fellow, C/o. Dr. Santanu Ghosh (Associate Professor) Department of Physics, Indian Institute of Technology Delhi, Hauz Khas, New Delhi- 110016 Phone: +91-11-26591348 (O) Mobile: +91-8586867589 <a href="mailto:udaibhansingh123@gmail.com">udaibhansingh123@gmail.com</a></p>	<p>Development of coupled plasmonics systems for giant enhancement in surface enhanced Raman scattering.</p>
10	<p>Ms. Ksh. Devarani Devi C/o. Dr. Fouran Singh, Scientist - F, Materials Science Group, Inter-University Accelerator Centre (IUAC), New Delhi-110067 Phone: 011-26892601 (ext-8202) Mobile:09868204083 <a href="mailto:fouran@gmail.com">fouran@gmail.com</a> Mobile: 09810741666 (Ms. Devi) <a href="mailto:kdevarani@gmail.com">kdevarani@gmail.com</a></p>	<p>Study of bimetallic nanoparticles in dielectric matrices and their modifications by swift heavy ions.</p>
11	<p>Dr. Sandeep Kumar Garg National Post Doc Fellow, DST, Inter-University Accelerator Center (IUAC), Aruna Asaf Ali Marg, Vasant Kunj, New Delhi-110067 Mobile : +919238987888 <a href="mailto:sgarg@iuac.res.in">sgarg@iuac.res.in</a></p>	<p>Magnetic nano-patterning of nonmagnetic substrates at surfaces and subsurface region by introducing energetic magnetic ions.</p>
12	<p>Dr. K. Asokan Scientist F, Inter University Accelerator Centre, Aruna Asaf Ali Marg, JNU Campus, New Delhi- 110067 Mobile: 9968290508 <a href="mailto:asokaniuac@gmail.com">asokaniuac@gmail.com</a></p>	<p>Thermoelectric properties of nanostructured n-type and p-type Skutterudites (CoSb<sub>3</sub>) thin films and their electronic structure.</p>

13	<p>Ms. Rajashri Ramchandra Urkude  Women Scientist- A Fellow,  Department of Physics,  Rashtrasant Tukadoji Maharaj Nagpur  University, Amravat Road, Nagpur,  Maharashtra,  Pin Code: 440033  Mobile: +91-9921491567  <a href="mailto:rajashriurkude@gmail.com">rajashriurkude@gmail.com</a></p>	<p>Ion beam irradiation effects on the  surface properties of the 3d transition  metal doped Topological Insulators.</p>
14	<p>Prof. Tapobrata Som  Institute of Physics, Bhubaneswar,  Sachivalaya Marg, Bhubaneswar- 751005  Phone: 0674-2306483 (O)  Mobile: +91-9437010830  Fax: 0674-2300142  <a href="mailto:tsom@iopb.res.in">tsom@iopb.res.in</a>/ <a href="mailto:tsomiop@gmail.com">tsomiop@gmail.com</a></p>	<p>Transition metal-doping in TiO<sub>2</sub> thin  films by ion implantation: A study on  tuneable magnetic and optical  properties.</p>
15	<p>Ms. Dilruba Hasina  C/o. Prof. Tapobrata Som,  Institute of Physics,  Sachivalaya Marg,  Bhubaneswar-751005  Mobile: 09437010830  <a href="mailto:tsom@iopb.res.in">tsom@iopb.res.in</a> / <a href="mailto:tsomiop@gmail.com">tsomiop@gmail.com</a>  Phone: 06474-2306483  (Ms. Hasina)  <a href="mailto:dilruba@iopb.res.in">dilruba@iopb.res.in</a></p>	<p>Ion Induced defect-mediated tunability  in optoelectronic properties of TiO<sub>2</sub> thin  films.</p>
16	<p>Dr. Kulvinder Singh  Associate Professor,  Department of Physics,  Deen Dayal Upadhyaya College, University  of Delhi, Dwarka Sector-3, Delhi-110078  Mobile: 9811998997  <a href="mailto:kulvinder.physics@gmail.com">kulvinder.physics@gmail.com</a></p>	<p>Silver and gold nano- particles  implanted poly- methyl methacrylate  sheets as X-ray sensors.</p>
17	<p>Dr. (Ms.) Debarati Bhattacharya  Scientific Officer (F),  Solid State Physics Division, Bhabha Atomic  Research Centre, Trombay,  Mumbai-400085  Phone: 022-25594070 (O)  <a href="mailto:debarati@barc.gov.in">debarati@barc.gov.in</a></p>	<p>Ion beam modification of Cu/Nb  interfaces.</p>
18	<p>Ms. Anuradha  C/o. Dr. K. Asokan,  Scientist F,  Inter-university Accelerator Centre, Aruna  Asaf Ali Marg, Near Vasant Kunj,  New Delhi- 110067  Mobile: 09968290508  <a href="mailto:asokaniuac@gmail.com">asokaniuac@gmail.com</a>  Mobile: 9582224591  <a href="mailto:anu.bhogra@gmail.com">anu.bhogra@gmail.com</a></p>	<p>Synthesis of nanostructured oxides  using ion beam and their  Thermoelectric properties.</p>

19	<p>Mr. Mohd Nasir  C/o. Dr. Somaditya Sen, Associate Professor,  Department of Physics,  Indian Institute of Technology Indore, IIT  Indore,  Pin Code: 453552  Mobile: 08878036359, +91-7312438970  <a href="mailto:sens@iiti.ac.in">sens@iiti.ac.in</a>  Mobile: +919584416376  (Mr. Nasir)  <a href="mailto:phd1401151010@iiti.ac.in">phd1401151010@iiti.ac.in</a></p>	<p>Ion beam induced structural, electrical, dielectric and magnetic properties of modified <math>\text{La}_2\text{NiMnO}_6</math> double perovskite.</p>
20	<p>Ms. Apurva Gupta  C/o. Prof. Lekha Nair,  Department of Physics,  Jamia Millia Islamia,  New Delhi -110025  Mobile: 9810032194  <a href="mailto:lnair@jmi.ac.in">lnair@jmi.ac.in</a>  Mobile: 8373939663  (Ms. Gupta)  <a href="mailto:apurvagupta123@gmail.com">apurvagupta123@gmail.com</a></p>	<p>Solution growth of organic nonlinear optical materials and irradiation effects.</p>
21	<p>Dr. Pawan Kumar Tyagi  Asst. Professor,  Dept. of Applied Physics, Delhi Technological  University (Formerly  Delhi College of Engineering), Shahabad,  Daulatpur, Bawana Road, Delhi-110042  Mobile: +91-8800977457  <a href="mailto:tyagi_pawan@yahoo.co.in">tyagi_pawan@yahoo.co.in</a>  <a href="mailto:Pawan.phy@dce.edu">Pawan.phy@dce.edu</a></p>	<p>Ion irradiation on filled- multiwalled carbon nanotubes to create N-V center.</p>
22	<p>Mr. Rahul Kumar  C/o. Dr. Mahesh Kumar  Department of Electrical Engineering,  Indian Institute of Technology Jodhpur, Old  Residency Road, Ratanada, Jodhpur-342011  Mobile: 09460153010  <a href="mailto:mkumar@iitj.ac.in">mkumar@iitj.ac.in</a>  Mobile: 07065146205 (Mr. Rahul)  <a href="mailto:kumar.34@iitj.ac.in">kumar.34@iitj.ac.in</a></p>	<p>Swift heavy ion for tailoring the sensing behavior of <math>\text{MoS}_2</math>.</p>
23	<p>Ms. Anha Masarrat  C/o. Dr. K. Asokan,  Scientist F,  Inter-University Accelerator Centre, Aruna  Asaf Ali Marg, Vasant Kunj, New  Delhi-110067  Mobile: 09968290508  <a href="mailto:asokaniuac@gmail.com">asokaniuac@gmail.com</a>  Mobile: 7838392533  (Ms. Masarrat)  <a href="mailto:anhamasarrat1991@gmail.com">anhamasarrat1991@gmail.com</a></p>	<p>Fabrication of nanostructured skutterudite using ion beams and their thermoelectric properties.</p>

24	<p>Ms. Richa C/o. Prof. Navdeep Goyal Department of Physics , Panjab University , Chandigarh 160014 , Mobile: +91-9216577500 <a href="mailto:ngoyal@pu.ac.in">ngoyal@pu.ac.in</a> Mobile:+91-7589297611 (Ms. Richa) <a href="mailto:rbhardwaj@pu.ac.in">rbhardwaj@pu.ac.in</a></p>	<p>Electronic and magnetic structural study of pure and doped ZnO nanostructures.</p>
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