

**SUMMARY OF BEAM TIME/PROJECTS SANCTIONED DURING
ACCELERATOR USERS COMMITTEE (AUC-65) MEETING**

BTR-1: Fresh proposals

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
1.	<p>Dr. Nihildas.N Superintending Archaeologist (I/C), Excavation Branch-I, Archaeological Survey of India, Puratattava Bhavan, First Floor, Seminary Hills, Nagpur, Pin Code: 440006 Phone: 0712-2518385 (O) Mobile: 8826039063 excavationbranch1.asi@gov.in</p>	<p>AMS dating of Charcoal samples from Rithi Ranjana, (Iron Age site) Saoner Tehsil, Nagpur, Maharashtra.</p>
2.	<p>Prof. Anil Kumar Gupta Department of Geology and Geophysics, Indian Institute of Technology Kharagpur, Kharagpur, Pin Code : 721302 Phone : (03222)283368 (O/R) Mobile : 9434021903 Fax : 03222-282000 anilg@gg.iitkgp.ac.in</p>	<p>Study of lake and marine sediments to understand sub-decadal to multi-decadal changes in the Indian monsoon during the Holocene.</p>
3.	<p>Dr. Brijnandan Dehiya Associate Professor & Chairman, Department of Material Science & Nanotechnology, DCR University of Science and Technology, Murthal, Haryana, Pin Code: 131039 Mobile: 9996291177 brijdehiya@gmail.com</p>	<p>Micro structural changes produced by (A) 50 MeV Li & 100 MeV Ni (B) Gamma radiation in stainless steels.</p>
4.	<p>Dr. Binita Phartiyal Scientist E, Birbal Sahni Institute of Palaeosciences, 53, University Road, Lucknow, UP. Pin Code : 227007 Mobile : 9411856391 Phone : 0522-2742993 (R) binitaphartiyal@gmail.com</p>	<p>Human-climatic interaction in Ladakh Himalaya during Quaternary period: study based on cave artifacts and climate proxies.</p>

5.	<p>Dr. Suman Lata Rawat Scientist – B , Wadia Institute of Himalayan Geology , 33, G.M.S. Road, Dehradun , Pin Code : 248 001 Phone : 0135 2525 270 (O) Mobile : 9997864324 Fax : 0135-2525200 rsuman26@gmail.com</p>	<p>Centennial to millennial scale climate and vegetation changes during Holocene in the Central-Western Himalaya .</p>
6.	<p>Dr. Mu. Ramkumar Associate Professor Department of Geology, Periyar University, Salem, Pin Code : 636011 Phone : 0427-2345124 (O) Mobile : 9443701063 Fax : 0427-2345857 muramkumar@yahoo.co.in</p>	<p>Determination of timing and causes of episodic shifting of ancient habitats in the Vaigai River Basin, South India .</p>
7.	<p>Dr. Anamika Parihari Research Associate , Inter University Accelerator Centre , Aruna Asaf Ali Marg , New Delhi, Pin Code : 110067 Phone : Extn. 232 Mobile : 9833164905 anamikaparihari.87@gmail.com</p>	<p>Study of fission fragment mass distribution and fission probability by multinucleon transfer channels in $^{18}\text{O} + ^{243}\text{Am}$ reactions.</p>
8.	<p>Dr. Ram Janay Choudhary Scientist F, UGC DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore, Pin Code :452001 Phone : 2463913-231 (Ext) Mobile : 9893849446 ram@csr.res.in</p>	<p>Effect of swift heavy ion irradiation on Griffith phase in magnetic oxides.</p>
9.	<p>Prof. Abhisek Dixit Associate Professor , Room No. 402-D, Block-II, IIT Delhi, Hauz Khas, Delhi-110016 , Phone : +91 11 26591156 (O) Mobile : 8373905693 adixit@ee.iitd.ac.in, Abhisek.Dixit@ee.iitd.ac.in</p>	<p>Heavy-ion irradiation response of multi-gate CMOS devices and circuits.</p>

10.	Dr. S. Appannababu UGC - Assistant Professor , Department of Nuclear Physics, Andhra University, Waltair, Visakhapatnam , Andhrapradesh , Pin Code : 530003 Mobile : +919550754387 appannababu@gmail.com	Study of different modes of fission in Ac and Pa compound nuclei through fission fragment mass distribution and neutron multiplicity measurements.
11.	Dr. Chettah Abdelhak Department of Physics, University 20 Aout 1955- Skikda, Algeria Mailing Address : Rue Mouloud Bouaffar, House N°12, Ramdane Djamel 21425, Skikda, Algeria Pin Code : 21300 Phone : +21338941229 (R) Mobile : +2130671504913 chettah.ah@gmail.com	Investigation of optical, electrical and structural properties modifications with swift heavy ions of CZTS thin layers as an absorbing layer in solar cells.
12.	Dr. Aditya Sharma Assistant Professor, Department of Physics, Manav Rachna University, Sector – 43, Aravalli Hills, Delhi – Surajkund Road, Faridabad – 121004, (Haryana), Mobile : +91- 8745864881 asharmaphy@gmail.com	Ion-implantation and irradiation induced local electronic structure amendment in the polymorphs of ABO ₃ perovskite thin films.
13.	Mr. Arkaprava Das Research Scholar (Thesis Submitted) Inter University Accelerator Centre, Aruna Asaf Ali Marg, New Delhi-110067 Mobile: 9711788143 arkapravadas222@gmail.com	Transport studies on CdO based thin films under ion beam irradiation.
14.	Dr. Tilak Kumar Ghosh Scientific Officer (F) Variable Energy Cyclotron Centre , 1/AF, Bidhan nagar, Kolkata, Pin Code: 700064 Phone: 03323182309 (O) Mobile: 9163183818 tilak@vecc.gov.in	Exploring the role of entrance channel magicity on fusion fission dynamics.
15.	Prof. Rajiv Prakash School of Materials Science and Technology, Indian Institute of Technology, Banaras Hindu University, Varanasi, Pin Code: 221005 Phone: 9935033011 rprakash.mst@iitbhu.ac.in	Study of effect of irradiation on structural and electronic properties of polythiophene and polyindole derivatives for electronic devices developed using novel floating film transfer technique.

16.	Dr. Pratap Kumar Sahoo Reader-F NISER Bhubaneswar, SPS, NISER, Jatni , Khordha, Bhubaneswar, Odisha , Pin Code: 752050 Phone: 0674-2304042 (O) Mobile: +91-9937615317 pratap.sahoo@niser.ac.in	Tuning the spin tunneling junctions properties in Si/Ni/Bi/Ni system by SHI ion implantation.
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BTR-2: Thesis Proposals

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
17.	Ms. Khamosh Yadav C/o. Dr. Ajay Y. Deo Department of Physics, Indian Institute of Technology Roorkee , Roorkee, Uttrakhand-247667 Mobile: +91-1332-285566 (Dr. Deo) aydeofph@iitr.ac.in Mobile: 7618359206 (Mr. Yadav) yadvkhamosh@gmail.com	Gamma-ray spectroscopy of neutron-deficient nuclei around doubly magic ^{208}Pb .
18.	Ms. Shachi Bajpai C/o. Dr. Binita Phartiyal Quaternary Group, Birbal Sahni Institute of Palaeosciences, 53, University Road, Lucknow, Pin Code : 227007 (UP) Mobile : 9411856391 (Dr. Phartiyal) binita_phartiyal@bsip.res.in ; binitaphartiyal@gmail.com	Palaeoclimate in late Quaternary in western Ladakh : multi-proxy study of two palaeolake sections (Pensila and Pashkyum).
19.	Mr. Kaushik Katre C/o. Dr. R. P. Singh Nuclear Physics Group, Inter-University Accelerator Centre, New Delhi-110067 Mobile: 9868202784 (Dr. Singh) rajeshpratap07@gmail.com Mobile: 9545513389 (Mr. Katre) k_katre@yahoo.com	Study of transitional nuclei in A~100 region.

20.	<p>Ms. Fulmati Ram C/o. Prof. Anindya Sarkar Department of Geology and Geophysics, IIT Kharagpur, West Midnapore, West Bengal, PIN- 721302 Phone: 0091-3222-283392 (O) (Prof. Sarkar) anindya@gg.iitkgp.ernet.in; sakaranindya@hotmail.com Mobile: 8942032362 (Mr. Ram) fulmati.ram@gmail.com</p>	<p>Compound-specific carbon isotope variation during the Late Holocene from the Rann of Kachchh: implications to palaeoclimate and ancient human settlement.</p>
21.	<p>Ms. Ankeeta Amonkar C/o. Dr. Sridhar D. Iyer , Geological Oceanography Division , CSIR-National Institute of Oceanography, Dona Paula Goa, Pin Code: 403004 Phone: 0832-2450363 (Dr. Iyer) iyer@nio.org Mobile: 9673127301 (Ms. Amonkar) ankeetaamonkar9@gmail.com</p>	<p>Volcanogenic and hydrothermal evidence from the Central Indian Ocean Basin from 60Ma to recent.</p>
22.	<p>Ms. Anusmita Chakravorty C/o. Dr. Debdulal Kabiraj Department of Materials Science, Inter University Accelerator Center, Aruna Asaf Ali Marg, Vasant Kunj, New Delhi-110067 Mobile: 9953533204 (Dr. Kabiraj) d.kabiraj@gmail.com Mobile: 9582779257 (Ms. Chakravorty) anusmitachakravorty@gmail.com</p>	<p>Investigation into response of binary compounds and complex oxides to energetic ions.</p>
23.	<p>Mr. Akash Kumar C/o. Dr. Jai Prakash, Department of Physics, AMU, Aligarh, U.P., Pin Code: 202002 Mobile: 09023440170 (Dr. Prakash) jpsphysics@gmail.com Mobile: 9897198444 (Mr. Kumar) akashp007@gmail.com</p>	<p>Effect of beam irradiation on dielectric and electro-optical properties of ferroelectric liquid crystal.</p>
24.	<p>Mr. Amit C/o. Prof. Bivash Ranjan Behera , Department of Physics, Panjab University, Sector-14, Chandigarh- 160014 Mobile: 09815324956 Phone: 0172-2534460 (O) bivash@pu.ac.in; bivash.pu@gmail.com Mobile: +91 7082065855 (Mr. Amit) amitpunia27@gmail.com</p>	<p>Study of fission dynamics of neutron rich nuclei.</p>

25.	<p>Mr. Subodh C/o. Prof. B. R. Behera, Department of Physics, Panjab University, Sector-14, Chandigarh- 160014 Mobile: 09815324956 (Prof. Behera) Phone: 0172-2534460 bivash@pu.ac.in; bivash.pu@gmail.com Mobile: +91-7011680560 (Mr. Subodh) Subodhlookhi@gmail.com</p>	<p>Gamma ray spectroscopy of some astrophysical important nuclei towards end point nova nucleosynthesis.</p>
26.	<p>Mr. Sutanu Bhattacharya C/o. Dr. Tarkeshwar Trivedi Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur Pin Code: 495009 Mobile: 9479245960 ttrivedi1@gmail.com Mobile: 8250650761 (Mr. Bhattacharya) sutanu.bhattacharyaaa@gmail.com</p>	<p>Nuclear structure Investigation close to $A \sim 70$ & 150 region; search for high spin phenomena.</p>
27.	<p>Mr. Anand Pandey C/o. Dr. S.K. Chamoli Department of Physics & Astrophysics, Delhi University, Delhi-110007 Mobile: 9999062324 (Dr. Chamoli) skchamoli@physics.du.ac.in Mobile: 8285083959 (Mr. Pandey) pandeyanand799@gmail.com</p>	<p>Lifetime measurement study of octupole deformation in neutron deficient nuclei of mass $A \sim 120$.</p>
28.	<p>Mr. Saneesh Nedumbally C/o. Prof. A. M. Vinodkumar Department of Physics, University of Calicut, Kerala -673635 Mobile: 9645078924 (Prof. Vinodkumar) attukalathil@gmail.com Mobile: 9717937738 saneeshmelethody@gmail.com</p>	<p>Role of neutron emission in the fission of actinide nuclei.</p>
29.	<p>Ms. Divya Arora C/o. Dr. P. Sugathan, IUAC, New Delhi-110067 Mobile: 9868891732 (Dr. Sugathan) sugathan@gmail.com Mobile: 9873245499 indivyaarora@gmail.com</p>	<p>Probing fission dynamics with neutron clock.</p>

30.	<p>Mr. Chandra Prakash Verma C/o. Prof. G. Vijaya Prakash Department of Physics, Indian Institute of technology Delhi, Pin Code: 110016 Phone: 011-265913626 prakash@physics.iitd.ac.in, chandraprakash1612@gmail.com</p>	Effect of ion beams on the Si based photonic architectures.
31.	<p>Mr. Ch. Vikar Ahmad C/o. Dr. Punita Verma Department of Physics , Kalindi College, University of Delhi, Pin Code:110007 Mobile: 8800650576 (Dr. Verma) drpunitaverma.nature@gmail.com Mobile: 8800358107 (Mr. Ahmad) choudharyvikarahmad@gmail.com</p>	Ion atom collisions in low energy regime.
32.	<p>Mr. Ishtiaq Ahmed C/o. Dr. Rakesh Kumar, Nuclear Physics Group, Inter-University Accelerator Centre, New Delhi, Pin Code: 110067 Mobile: +919868207046 (Dr. Rakesh Kumar) rakuiuac@gmail.com Mobile: +919958147804 (Mr. Ahmed) ishtiaq729@gmail.com</p>	Shape coexistence in ^{112}Sn nuclei using coulomb excitation .
33.	<p>Ms. Ruchika Gupta C/o. Dr. Punita Verma Department of Physics , Kalindi College, East Patel Nagar, University of Delhi- 110007 Mobile: 8800650576 (Dr. Verma) drpunitaverma.nature@gmail.com Mobile: 8826641909 (Ms. Gupta) ruchikagupta.atphy@gmail.com</p>	Impact parameter dependent investigations of superheavy systems with united atomic number greater than 100.
34.	<p>Ms. Ritu Rani C/o. Prof. A. K. Bhati Physics Department, Panjab University, Chandigarh -160014 Mobile: 919216502325 (Prof. Bhati) akbhati@pu.ac.in Mobile: 919466613404 (Ms. Rani) reetsheoran7@gmail.com</p>	Static electromagnetic moment measurements in neutron deficient iodine nuclei.

BTR-3: UFR Proposals

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
35.	Dr. Vijay Raj Singh Assistant Professor, Department of Physics, Central University of Kashmir, Transit Campus, Near G B Pant Hospital, Srinagar- 190004 (J&K) Phone: 700-639-6379 (O/R) Mobile: 7006396379 vijay.iitb@gmail.com	Ion beam induced disorder in Metal-insulator transition and magnetic properties of Vanadium Oxides.
36.	Dr. Shubra Singh Assistant Professor , Crystal Growth Centre, Anna University, Chennai, Pin Code: 600025 Phone: +91-44-22358351 Mobile: +91-9840422496 shubra6@gmail.com	Ion beam induced tailoring of photoactive, optical and electrical properties of multifunctional brownmillerite KBiFe_2O_5 .
37.	Dr. Khalid Sultan Assistant Professor Department of Physics, Central University of Kashmir, Nowgam Campus-III J&K-190015 Phone: 7006185276(O) Mobile: 9419031528 Ksbhat.phy@gmail.com khalidsultan@cukashmir.ac.in	Investigation of irradiation induced modifications in thin films of $R\text{Fe}_{1-x}\text{Mn}_x\text{O}_3$ system (R= rare earth).
38.	Dr. Vir Singh Rangra Department of Physics, HP University, Shimla, Pin Code: 177005 (HP) Phone: 0177-2830950 (O) Mobile: 9418038267 vs_rangra@yahoo.co.in	Effect of swift heavy ion irradiation on the luminescence properties of ZrO_2 based nanophosphors.
39.	Dr. Aritra Banerjee Assistant Professor, Department of Physics, University of Calcutta, 92, Acharya Prafulla Chandra Road, Kolkata , Pin Code: 700009 Phone: 033-23508386 (O) Mobile: +91-9433678476 arbphy@caluniv.ac.in , aritrabanerjee.cu@gmail.com	Tuning of thermoelectric properties of p-type Sb_2Te_3 and n- type Bi_2Te_3 by ion beams.

40.	<p>Dr. Yogita Assitant Professor, Department of Physics, MCM DAV College for Women, Sector-36A, Chandigarh-160036 Phone: +91-9910046111 01722603355 (R) Mobile: +91-9910046111 ybatraiuac@gmail.com</p>	<p>Interrelatedness of ion irradiation induced defects with transport and thermoelectric properties of CZTS based thin films.</p>
41.	<p>Prof. Utpal Shashikant Joshi Department of Physics, School of Sciences, Gujarat University, Ahmedabad - 380009 Phone: 079-26303041 (O) 079-26925686 (R) Fax: 079-26306194(G.U.) usjoshi@gmail.com</p>	<p>Swift heavy ion irradiation effects on some perovskite and related oxides for RRAM and magnetoelectric devices.</p>
42.	<p>Prof. Vaishali Singh BFR-303, USBAS, GGS Indraprashtha University, New Delhi-110078 Phone: 011-25302418 (O) Mobile: +91-9810118128 vaishalisingh@ipu.ac.in, dr_vaishali_singh@yahoo.co.in</p>	<p>Structural and morphological studies of transition metal dichalcogenides/ polymer nanocomposites upon SHI irradiation.</p>
43.	<p>Dr. Vinod Kumar Assistant Professor, Department of Physics, University of Lucknow, Pin Code: 226007 Mobile: 9458495972, 7991200546 Vinod2.k2@gmail.com</p>	<p>Spectroscopic Study of ⁹⁹Nb, and ^{99,101}Mo.</p>
44.	<p>Dr. Ashish B. Ravalia Assistant Professor, Department of Nanoscience and Advanced Materials, Saurashtra University, Rajkot – 360 005 Phone: +91-0281-2582510 (O) Mobile: +91-9998010864 Fax: +91-281-2576347 ashishravalia@gmail.com</p>	<p>SHI Induced modifications in multifunctional properties of BiFeO₃ based heterostructures.</p>

45.	<p>Dr. Ratan Das Assistant Professor, Department of Physics, Tripura University, Suryamaninagar, Agartala, Tripura (West), Pin Code: 799022 Phone: 0381-2379303 (R) Mobile: +91-8974445986 dasratanphy@gmail.com, dasratantuphy@tripurauniv.in</p>	<p>To study the correlation between optical and elastic properties of swift heavy ions irradiated samples of chemically synthesized a few Gr. II-VI semiconductor nanocrystals.</p>
46.	<p>Prof. Bhaskar Bhattacharya Department of Physics, MMV, Banaras Hindu University, Varanasi, Pin Code: 221005 Mobile: 9810225946 bhaskar.phys@bhu.ac.in/ bhaskarmiet@gmail.com</p>	<p>Ion beam implantation in ion conducting polymer electrolytes.</p>
47.	<p>Dr. Ajay Kumar Assistant professor, Department of Physics Banaras Hindu University, Varanasi, Pin Code: 221005 Phone: +542-2307308*263 (O) Mobile: +91-9532098800 Fax: +542-2368390 ajaytyagi@bhu.ac.in atyagi44@yahoo.co.in</p>	<p>Measurement of $^{50}\text{Cr}(n,p)$ reaction cross sections using Surrogate Ratio Method.</p>
48.	<p>Dr. Rajiv Giri Asst. Professor, Centre of Material Science, University of Allahabad, Allahabad, Pin Code: 211002 Mobile: 9721563631 Rajivgiri.phy@gmail.com</p>	<p>Investigations on synthesis and characterization of ion beam irradiated oxide materials.</p>
49.	<p>Prof. B. R. Manjunatha Department of Marine Geology, Mangalore University Mangalagangothri, D.K. District, Pin Code: 574199 Phone: 824 2287 389 (O) 824 2288088 (R) Mobile: 9449488777 manjzircon@gmail.com</p>	<p>High resolution reconstruction of summer monsoon from the high rainfall regions of South India and the adjoining sea sediments.</p>

BTR-4: Ongoing Proposals

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
50.	<p>Ms. Kavita Rani C/o. Prof. B. R. Behera, Department of Physics, Panjab University, Chandigarh -160014. Phone: 0172-2534461, 09815324956 bivash@pu.ac. In, bivashbehera@yahoo.co.in, bivash.pu@gmail.com Mobile: 8146302260 (Ms. Kavita Rani) Fax: 0172 2783336 kavita.arora298@gmail.com</p>	Measurement of quasi-elastic process at near barrier energies.
51.	<p>Dr. Hiroshi Amekura Chief Researcher, Photon and Ion Beam Physics Group, National Institute for Materials Science (NIMS) 3-13 Sakura, Tsukuba, Ibaraki 305-0003, Japan Phone:+81-29-863-5479 Fax: +81-29-863-5599 amekura.hiroshi@nims.go.jp</p>	Irradiation temperature dependence of elongation of metal nanoparticles induced by swift heavy ions.
52.	<p>Dr. Shikha Wadhwa Assistant Professor, Amity Institute of Nanotechnology, Amity University, Uttar Pradesh, Pin Code: 201313 Mobile: 9711202698 swadhwa@amity.edu</p>	Surface modification of Titania nanotube arrays using low energy ion beam in Nitrogen environment for photocatalytic and sensing applications.

BTR-5: LOW ENERGY ION BEAM FACILITY

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
53.	<p>Prof. M. S. Ramachandra Rao, Department of Physics, IIT Madras, Chennai-600036 Mobile No. 9444008651 msrrao@iitm.ac.in</p>	Electrical transport study of n-type diamond and creation of Nitrogen-vacancy centers (NV) in diamond by implantation.
54.	<p>Dr. G. Ramesh Kumar Assistant Professor, Department of Physics, University College of Engineering Arni (A Constituent College of Anna</p>	KeV ion implantation on multiferroic Bismuth ferrite thin films.

	<p>University Chennai), Arni to Devikapuram Road, Thatchur, Arni -632 326 (Tamil Nadu) Phone: 04173-244401(O) 09444275758 (R) Mobile: 9444275758 Fax: 04173-244400 rameshvandhai@gmail.com</p>	
55.	<p>Dr. Shyamal Chatterjee Assistant Professor, Room 120, School of Basic Sciences, IIT Bhubaneswar, Jatni, Khordha, Odisha, Pin Code: 752050 Mobile: 9938245478 shyamal@iitbbs.ac.in</p>	<p>Ion induced modification of one-dimensional metal based nanostructure.</p>
56.	<p>Dr. Shubra Singh Assistant Professor, Crystal Growth Centre, Anna University, Chennai, Pin Code: 600025 Phone: +91-44-22358351 Mobile: +91-9840422496 shubra6@gmail.com</p>	<p>Ion beam induced tailoring of photoactive, optical and electrical properties of multifunctional brownmillerite KBiFe_2O_5.</p>
57.	<p>Dr. Pratap Kumar Sahoo Reader-F NISER Bhubaneswar, SPS, NISER, Jatni, Khordha, Bhubaneswar, Odisha , Pin Code: 752050 Phone: 0674-2494258 (O) Mobile: +91-9937615317 pratap.sahoo@niser.ac.in</p>	<p>Fabrication of p-n junctions in ZnO nanowires influenced by P and N ion Implantations.</p>
58.	<p>Dr. Ranjeet Kumar Karn Asst. Professor, University Dept. of Physics, Kolhan University, Chaibasa, Jharkhand, Pin Code: 833202 Mobile: 9631298090 rkkarn@gmail.com</p>	<p>Molecular fragmentation studies of Amino Acid (Glycine $\text{NH}_2\text{-CH}_2\text{-COOH}$).</p>
59.	<p>Dr. Sarvesh Kumar Scientist, Post Box 10502, Aruna Asaf Ali Marg, IUAC, New Delhi, Pin Code: 110067 Mobile: 9910955649 sariuac@gmail.com</p>	<p>Observation of plasma instabilities in an ECR ion source using Microwave Measurements Techniques.</p>
60.	<p>Dr. B. Gokul Assistant Professor,</p>	<p>Enhancing exchange bias coupling with diluted antiferromagnets through ion beam implantation.</p>

	Department of Physics, Kongunadu Arts and Science College, Coimbatore, Pin Code : 641029 Mobile : 9659273714 gokulbangaru@gmail.com	
61.	Dr. Prakash Chand Assistant Professor, Department of Physics, National Institute of Technology, Kurukshetra, Haryana, Pin Code: 136119 Mobile : +919896306873 KK_PC2006@yahoo.com	Impact of low ion beam implantation on the structural, optical, electrical and photocatalytic properties of ZnO/SnO ₂ nanostructures.
62.	Dr. Rajnish Dhiman Pool Scientist (CSIR) , Room No. 304, Department of Physics & Astronomical Science , Central University of Himachal Pradesh, Dharamshala , TAB Shahpur, District Kangra (HP) , Pin Code: 176206 Phone: +91-1892-237285 Extn- 409 (R) Mobile: 08360677817 rdhiman81@gmail.com	Nitrogen and Boron doping of carbon materials by N ₂ ⁺ and B ⁺ implantation for energy conversion and energy storage applications.
63.	Dr. B. Muthuraaman Assistant Professor, Department of Energy, University of Madras, Guindy Campus, Chennai, Tamilnadu, Pin Code: 600025 Phone : 044-22202782 (O) Mobile : 9600926907 bm.raaman@gmail.com	Investigation on catalytic activity and conductive properties of ion beam induced polymeric cathodes (PEDOT) for DSSC applications.
64.	Ms. Anusmita Chakravorty C/o. Dr. Debdulal Kabiraj Department of Materials Science , Inter University Accelerator Center, Aruna Asaf Ali Marg, Vasant Kunj, New Delhi-110067 Mobile: 9953533204 (Dr. Kabiraj) d.kabiraj@gmail.com Mobile: 9582779257 (Ms. Chakravorty) anusmitachakravorty@gmail.com	Investigation into response of binary compounds and complex oxides to energetic ions.
65.	Dr. Debais Mitra Assistant Professor, Department of Physics, University of Kalyani, Kalyani, Nadia, West Bengal, Pin Code: 741235 Mobile: 9674335531 debasis.mitra51@gmail.com	Study of the subshell resolved M shell ionization with low velocity protons and heavy ions and the effect of multiple ionization on atomic parameters.
66.	Dr. Debi Prasad Datta	Self-organized synthesis of metal-semiconductor

	Assistant Professor, Basic Sciences and Humanities Department , Silicon Institute of Technology, Silicon Hills, Patia, Bhubaneswar, Pin Code: 751024 Phone: + 9 1 8 2 6 0 33 3 6 0 9 (O) Mobile: +91-9692712534 debipr@gmail.com	core-shell nanoparticle by ion-beam-dewetting.
67.	Dr. Aditya Sharma Assistant Professor, Department of Physics, Manav Rachna University, Sector – 43, Aravalli Hills, Delhi – Surajkund Road, Faridabad – 121004, (Haryana), India Mobile : +91- 8745864881 asharmaphy@gmail.com	Ion-implantation and irradiation induced local electronic structure amendment in the polymorphs of ABO ₃ perovskite thin films.
68.	Dr. T. Nandi Scientist-G IUAC, New Delhi-67 Phone: 9868623816 (O) nanditapan@gmail.com	Testing an innovative idea to have enhanced charge states for heavy ions from a stripper foil.
69.	Dr. Tanuja Mohanty Assistant Professor, School of Physical Sciences, JNU, New Delhi- 110067 Phone: 011-26738802 (O) 011-26741389 (R) Mobile: 9810947375 tanujajnu@gmail.com tmohanty@mail.jnu.ac.in	Exploration of novel optoelectronic properties of ion implanted atomically thin hBN and hBN/graphene for sensing applications.
70.	Mr. Lokesh Goel DGFS-Ph.D. Homi Bhabha National Institute, Materials Science Division 2-319-S, 2nd Floor, Modlab-D, BARC, Trombay, Mumbai, Pin Code:400085 Phone: (+91)-22-2559-6881(Mr. Goel) Mobile: (+91) 99900 50041 lokeshg@barc.gov.in	A study on the irradiation induced degradation in Nb and Zr based structural materials.
71.	Mr. Chandra Prakash Verma C/o. Prof. G. Vijaya Prakash Department of Physics, Indian Institute of technology Delhi, Pin Code: 110016 Phone: 011-265913626 prakash@physics.iitd.ac.in , chandraprakash1612@gmail.com	Effect of ion beams on the Si based photonic architectures.

72.	<p>Dr. Ho Jin RYU Associate Professor , Department of Nuclear and Quantum Engineering , Korea Advanced Institute of Science and Technology (KAIST) , 291 Daehak-ro, Yuseong-gu, 34141 Daejeon, South Korea Phone : +82-42-350-3812 (O) Mobile : +82-10-7253-8845 Fax : +82-42-350-3810 hojinryu@kaist.ac.kr</p>	Fragmentation of high burnup nuclear fuel surrogate by simulated fission gas irradiation .
73.	<p>Prof. Shatendra K Sharma Professor, School of Engineering and Director USIC JNU Delhi</p> <p>Mailing Address : Jawahar Lal Nehru University Delhi, Aruna Asaf Ali Marg, JNU Delhi, Pin Code: 110067 Phone : 011-26742604 (O) Mobile : 9812721748 shatendra@gmail.com</p>	Optimization of plasma instabilities in ECR ion sources using fourier analysis and X ray spectroscopy technique.
74.	<p>Ms. Vandana PhD student, C/o Prof. Shyam Kumar Dept. of Physics, Kurukshetra University, Kurukshetra, Pin Code : 136119 Phone : +91-11-26591348 (O) Mobile : +91-7834837305 panchalvandy@gmail.com</p>	Nanopatterning of Si surface using low energy ion beam Irradiation.
75.	<p>Ms. Azra Haroon C/o. Dr. Arham Shareef Ahmed, Department Of Physics , Aligarh Muslim University, Aligarh, Pin Code: 202002 Phone: 7500886505 (Dr. Ahmed) arhamshareef@gmail.com Mobile: 7500869789 (Ms. Haroon) haroonazra@gmail.com</p>	Fabrication, characterization and applications of Tungsten Oxide (WO ₃) nanocomposites.
76.	<p>Mr. Ch. Vikar Ahmad C/o. Dr. Punita Verma Department of Physics , Kalindi College, University of Delhi, Pin Code: 110007 Mobile: 8800650576 (Dr. Verma) drpunitaverma.nature@gmail.com Mobile: 8800358107 (Mr. Ahmad) choudharyvikarahmad@gmail.com</p>	Ion atom collisions in low energy regime.
77.	Mr. Akash Kumar	Effect of beam irradiation on dielectric and electro-

	<p>C/o. Dr. Jai Prakash, Department of Physics, AMU, Aligarh, U.P., Pin Code: 202002 Mobile: 09023440170 (Dr. Prakash) ipsphysics@gmail.com Mobile: 9897198444 (Mr. Kumar) akashphm007@gmail.com</p>	optical properties of ferroelectric liquid crystal.
78.	<p>Dr. Yogita Assitant Professor, Department of Physics, MCM DAV College for Women, Sector-36A, Chandigarh-160036 Phone: +91-9910046111 01722603355 (R) Mobile: +91-9910046111 ybatraiuac@gmail.com</p>	Interrelatedness of ion irradiation induced defects with transport and thermoelectric properties of CZTS based thin films.
79.	<p>Prof. Bhaskar Bhattacharya Department of Physics, MMV, Banaras Hindu University, Varanasi, Pin Code: 221005 Mobile: 9810225946 bhaskar.phys@bhu.ac.in/ bhaskarmiet@gmail.com</p>	Ion beam implantation in ion conducting polymer electrolytes.
80.	<p>Dr. M. K. Tiwari Indus Accelerator Complex, Indus Synchrotron Utilisation Division, Raja Ramanna Centre For Advanced Technology, Indore-452013 (M.P), India Tel :(Off.)+91-731-2442124,(Mob.)+91- 8085906063 Fax : +91-731-2442140 mktiwari@rrcat.gov.in, mktiwari9673@gmail.com</p>	Depth profiling studies on low energy ions (Ni+, Au+) implanted Si wafers using grazing incidence x-ray fluorescence.
81.	<p>Dr. Aritra Banerjee Assistant Professor, Department of Physics, University of Calcutta, 92, Acharya Prafulla Chandra Road, Kolkata , Pin Code: 700009 Phone: 033-23508386 (O) Mobile: +91-9433678476 arbphy@caluniv.ac.in, aritrabanerjee.cu@gmail.com</p>	Tuning of thermoelectric properties of p-type Sb_2Te_3 and n- type Bi_2Te_3 by ion beams.

