

**SUMMARY OF BEAM TIME/PROJECTS SANCTIONED DURING
ACCELERATOR USERS COMMITTEE (AUC-59) MEETING**

| S.No | PRINCIPAL INVESTIGATOR | TITLE OF THE PROJECT |
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| 1 | <p>Dr. Kuldeep Sharma Scientific Officer E , Glass and Advanced Materials Division, Materials Group, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai. Pind Code- 400085 phone: 022-2559-5652 Mobile: 0773-8110172 ksharma_iit@yahoo.co.in</p> | <p>Ions implantation (Au, Bi, He) induced micro-structure evolution in glass and ceramic wasteform for nuclear waste immobilization applications and its correlation to long term storage of wasteform.</p> |
| 2 | <p>Dr. Anupama Krishnamurthy Charge de Recherche - Senior Scientist, French Institute of Pondicherry (Pondicherry University), Mailing Address : 11 St Louis Street, Pondicherry, Pin Code : 605001 Phone : +914132231621 (Off.) +914132225321(Res.), +914132231605 Mobile : +919443444025 Anupama.k@ifpindia.org</p> | <p>Vegetation and Climate history of Peninsular India - establishing Late Quaternary chronologies from diverse terrestrial sites using AMS dating of bulk sediments and pollen extracts.</p> |
| 3 | <p>Prof. Chinmay Basu Professor 'F' Nuclear Physids Division, Saha Institute of Nuclear Physics, Sector-I, Block-AF, Bidhan Nagar, Kolkata-700064 Phone: 033-23375345 to 5349 (Office) drchinmay.basu@gmail.com</p> | <p>The Study of $^{19}\text{F}(p,\alpha)$ reaction at astrophysical energies using The Trojan Horse Method.</p> |
| 4 | <p>Dr. H. P. Sharma Associate Professor Department of Physics, Banaras Hindu University, Varanasi, India Pin Code- 221005 Telephone: +915426701377 Mobile: 09336063074 hpsharma_07@yahoo.com</p> | <p>Lifetime measurements of ^{139}Pm and ^{141}Pm with DSAM technique using INGA facility.</p> |

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| 5 | <p>Dr. H. P. Sharma Associate Professor Department of Physics, Banaras Hindu University, Varanasi - 221005 Phone- +915426701377 (Off.) Mobile No. 09336063074 hpsharma_07@yahoo.com</p> | <p>Search for magnetic rotational band in rubidium nuclei near $A=80$.</p> |
| 6 | <p>Dr. Anindya Sarkar Assistant Professor In Physics , Bangabasi Morning College (Under University Of Calcutta) Mailing Address: 19, Rajkumar Chakraborty Sarani, Kolkata-700009. Pin Code- 700009 Telephone: 033 2350 9210 (Off.) Mobile: 9432164419 sarkarc@gmail.com</p> | <p>Tuning new defective states in ZnO, TiO₂ and SnO₂ Using Swift Ion Irradiation.</p> |
| 7 | <p>Dr. P. K. Kulriya Fulbright Postdoctoral Fellow & Scientist E Rensselaer Polytechnic Institute, USA & Inter- University Accelerator Centre, New Delhi Mailing Address: Department of Mechanical, Aerospace & Nuclear Engineering, Rensselaer Polytechnic Institute (RPI), JEC 5048, 110 8th Street, Troy NY 12180 Mobile No. +1-518-961-5871 pawaniuac@gmail.com</p> | <p>Simulation of fission fragments induced radiation damage on the structural stability of the nuclear fuels.</p> |
| 8 | <p>Mrs. Golda K.S. Scientist IUAC, Aruna Asaf Ali Marg, New Delhi-110067 Phone: 11-26893955 goldaks@gmail.com</p> | <p>Study of fusion-fission dynamics near mass 200 region.</p> |

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| 9 | <p>Prof. Dharmendar Boolchandani Electronics & Communication Engineering , Malaviya National Institute of Technology , Mailing Address: JLN Road, Malviya Nagar , Jaipur Rajasthan -302017 Phone- 0141-2713334 0141-2521078 (Res.) Mobile: 9314505697 dboolchandani.ece@mnit.ac.in</p> | <p>Fabrication and characterization of Zinc Oxide thin films for opto-electronic device applications.</p> |
| 10 | <p>Dr. Shammi Verma Scientist 'SD' Semi-Conductor Laboratory (SCL), Department of Space, Sector-72, S. A. S. Nagar (Mohali)-160071, Punjab, India Pin Code- 160071 Phone: 0172-229-6364 (Res.) Mobile: 8872496391, 9911314694 shammiktl@gmail.com; shammi@scl.gov.in</p> | <p>Investigations of Single Event Effects (SEEs/ SEUs) in micro-circuit devices.</p> |
| 11 | <p>Dr. A. P. Pradeepkumar Associate Professor and Head Univeristy of Kerala, Dept. Of Geology, Kariavattom, Trivandrum-695581 Phone- 0471-2308403 (Off.) 0471-2727966 (Res.) Mobile: 9895245380 geo.pradeep@keralauniversity.ac.in, geo.pradeep@gmail.com</p> | <p>Silicate weathering and river geochemistry in the tropical Kabini river basin of Wayanad district, Kerala, India: applications of cosmogenic ¹⁰Be and ²⁶Al analyses.</p> |
| 12 | <p>Dr. Razia Nongjai Post-Doctoral Fellow Inter University Accelerator Centre, New Delhi Mailing Address: Razia Nongjai C/o Dr. K. Asokan , Materials Science Division , Inter University Accelerator Centre, New Delhi-110067 Mobile No. 9560934110 razianongjai@gmail.com</p> | <p>Tailoring exchange bias in Fe₃O₄/NiO bilayer by Swift Heavy Ion Irradiation.</p> |

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| 13 | <p>Dr. Bivash Ranjan Behera Professor Department of Physics Centre for Advance Study in Physics, Panjab University, Chandigarh (UT)-160014 Phone: 0172-2534461 (Off.) 9815324956 (Res.) Mobile: 09815324956 bivash@pu.ac.in, bivashbehera@yahoo.co.in</p> | <p>An exploratory experiment for measuring the fission barrier of nuclei by transfer induced fission reaction.</p> |
| 14 | <p>Dr. Gopal Mukherjee Scientific Officer (F) Variable Energy Cyclotron Centre, 1/AF Bidhan Nagar, Kolkata-700064 Phone: (033)23184165 Mobile: 9231615164 Fax: 033 23346871 gopal@vecc.gov.in</p> | <p>Search for band structure above the highest known isomer in ^{195}Bi.</p> |
| 15 | <p>Dr. Sujit Tandel UGC Associate Professor UM-DAE Centre for Excellence in Basic Sciences(CBS), Health Centre Building, University of Mumbai, Kalina, Santacruz (East), Mumbai-400098 Phone- 022-26530224 sujit.tandel@cbs.ac.in, sktandel@gmail.com</p> | <p>Multi-quasiparticle isomers below doubly-magic 208Pb.</p> |
| 16 | <p>Dr. Dileep Gupta Scientist-E UGC-DAE Consortium for Scientific Research, University Campus, Khandwa Road, Indore, Phone- 07312463913 (Ext. 176) Mobile: 09407423560 dkumar@csr.res.in</p> | <p>Tailoring of uncompensated spin at interface of Co/CoO multilayer using swift heavy ion irradiation Or Effect of interface modification on exchange bias in soft/hard magnetic multilayer structure.</p> |
| 17 | <p>Dr. P. K. Shishodia Associate Professor Department of Electronics Zakir Husain Delhi College (University of Delhi) Jawaharlal Nehru Marg, Mobile- 9818257720 pkshishodia@zh.du.ac.in</p> | <p>Investigations of swift heavy ion irradiation on CuInSe_2 and $\text{Cu}_2\text{ZnSnS}_4$ thin films.</p> |

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| 18 | <p>Prof. Giovanni Mattei Dept. of Physics and Astronomy, University of Padova, via Marzolo 8, I-35131 Padova, Italy, Pin Code: I-35131 Phone: +39.049.8277045 Fax +39.049.8277003 giovanni.mattei@unipd.it</p> | <p>Tuning of the strain in Si or Ge substrates by ion beams.</p> |
| 19 | <p>Dr. Parasmani Rajput Atomic & Molecular Physics Division, Bhabha Atomic Research Centre, Trombay, Mumbai- 400085 Mailing Address: Dr. Parasmani Rajput, Indus-2 complex, Raja Ramanna Center for Advance Technology (RRCAT), Indore (M.P.) - 452013 Phone: (+91) 731-2442156 (Off.) parasmanirajput@gmail.com</p> | <p>Swift heavy ion induced modifications of Co/Ti neutron polarizer supermirror .</p> |
| 20 | <p>Dr. Ashish Kumar DST-INSPIRE Faculty, IUAC, New Delhi-110067 Phone : 9718686667 dr.akmr@gmail.com</p> | <p>Defects in GaN caused by SHI irradiation and its potential applications.</p> |
| 21 | <p>Ms. Jyoti Singh C/o. Prof. Jairam Manam, Department of Applied Physics, Indian School of Mines, Dhanbad, (Jharkhand), Pin Code -826004 Mobile: +919931557023 jairam.manam@gmail.com, jairam_manam@yahoo.co.in</p> | <p>Luminescence studies of lanthanide based alkaline earth inter-oxides for dosimetry and light emitting application tailored by swift heavy ion irradiation.</p> |
| 22 | <p>Mr. Harsh Gupta C/o. Dr. Santanu Ghosh, IIT, Delhi, New Delhi Mobile: 9027590143 (Harsh) harsh.hgupta@hotmail.com</p> | <p>Modification of nanostructures of Si rich silicon nitride films by ion irradiation.</p> |

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| 23 | <p>Mr. Amarnadh R U C/o. Dr. G. Gopkumar, Associate Professor, Department Of Physics, University College , Thiruvananthapuram, University Of Kerala, Thiruvananthapuram- 695034 Mobile: 9847572584 kggopkumar@yahoo.co.in Mobile no.: 8281241830 (Amarnadh) amarnadh2010@rediffmail.com</p> | <p>Study of the role of non collective excitations and nuclear dissipation in the sub-barrier fusion of ^{19}F, $^{16}\text{O} + ^{165}\text{Ho}$ Systems.</p> |
| 24 | <p>Ms. Smita Laxman Survase C/o. Dr. Madhavi Anant Thakurdesai, Associate Professor, Department of Physics, , Birla College of Arts, Science and Commerce, Kalyan- 421304 Phone: 9869722722 Mobile: 9220898269 madhavithakurdesai@gmail.com slsurvase@yahoo.com</p> | <p>Synthesis and characterization of II-VI compound nanostructured thin films.</p> |
| 25 | <p>Ms. Namrata Priya C/o. Dr. AL. Ramanathan, Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi-110067 Phone: 09810689243 alrjnu@gmail.com Namrata Priya: namratajnu10@gmail.com Mobile: 9013650033</p> | <p>Blue carbon dynamics in “Coringa Mangrove Ecosystem, Andhra Pradesh, India”.</p> |
| 26 | <p>Mr. Suhail Ahmad Tali C/o. Dr. M. Afzal Ansari Professor, Department of Physics, A. M. U. Aligarh -202002 Mobile: 09412596205 drmafzalansari@yahoo.com Mobile no.: 08430581992 (Suhail Ahmad Tali) amusuhailtali@gmail.com</p> | <p>Study of Break-up fusion process and its sensitivity to alpha Q-value below ≈ 8 MeV/nucleon energies.</p> |

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| 27 | Mr. Ashaq Hussain Sofi C/o. Dr. M. A. Shah, Assistant Professor, Department of Physics, NIT Srinagar-190006 (Jammu and Kashmir) India Phone: 09419018195 Mobile no.:09596512008 (Mr. Ashaz Hussain Sofi) Email:shifs237@gmail.com | Effect of Irradiation on transport and optical properties of indium oxide nanostructures. |
| 28 | Mr. Farooq Ahmad Dar C/o. Dr. M. A. Shah, Assistant Professor Department of Physics, NIT Srinagar, Hazratbal, Jammu and Kashmir India, Pin Code-190006 Mobile: 09419018195 Mobile no.:08491807924 (Mr. Bilal Ahmad Bhat) Farooq.fd@gmail.com | Effect of Irradiation on structural ,optical and magnetic properties of Al ₂ O ₃ thin films. |
| 29 | Ms. Shamlath A. C/o. Dr. E. Prasad, Assistant Professor Department of Physics, School of Mathematical & Physical Sciences Central University of Kerala, Padanakad (PO), Kasaragod - 671314, Kerala Mobile: +61420790258 prasad.e.nair@gmail.com Mobile: 09961383873 (Ms. Shamlath A.) shamluss@gmail.com | Investigating the dynamics of heavy ion induced fusion-fission reactions at energies near and above the Coulomb barrier. |
| 30 | Mr. Sunil Kumar C/o. Dr. Pawan Kumar Diwan (Assistant Professor) Department of Applied Science, UIET, Kurukshetra University, Kurukshetra- 136119 Mobile: 09896032200 diwanpk74@gmail.com Mob. No. 08901028315 (Mr. Sunil Kumar) sdsunil171@gmail.com | Higher order moments in energy loss distribution of swift heavy ions in solid foils. |

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| 31 | <p>Ms. Arshiya Sood C/o. Dr. Pushpendra P. Singh, Asst. Professor Department of Physics , Indian Institute of Technology Ropar, Pin Code- 140 001 Contact No. +91-1881-242268 (Office), +91 - 8283834321 (Mobile) pps@iitrpr.ac.in Mobile no.: (Arshiya Sood) +91-8283935673, +91-9419229966</p> | <p>Exploring the effect of breakup channel(s) on fusion from sub- to above- barrier energies.</p> |
| 32 | <p>Ms. Chetna Tyagi C/o. Dr. Ambuj Tripathi Material Science Group IUAC, New Delhi-110067 Mobile No. 9818077001 ambujtripathi@gmail.com Mobile No. 9711328770 (Ms. Chetna Tyagi) tchetna91@gmail.com</p> | <p>Improvement in electrical properties and tuning of optical band gap in graphene oxide by energetic ion irradiation.</p> |
| 33 | <p>Mr. Arkaprava Das C/o. Dr. Fouran Singh Material Science Group Inter-University Accelerator Centre (IUAC), New Delhi-110067 Phone: 011-26892601 (Ext.-8202); Mobile: 09868204083 fouran@gmail.com</p> | <p>Structural, optical and transport studies on CdO based thin films and nanocomposites under ion beam irradiation for optoelectronic applications.</p> |
| 34 | <p>Ms. Samiya Manzoor C/o. Dr. Shahid Husain, Assistant Professor Department of Physics Aligarh Muslim University, Aligarh-202002 Mobile: 9719006563 s.husain@lycos.com Mobile no.:9761031996 (Ms. Samiya Manzoor) samiyamanzoor8@gmail.com</p> | <p>Effect of swift heavy ion irradiation and implantation on structural, electrical and magnetic properties of zinc doped lanthanum orthoferrite.</p> |

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| 35 | <p>Mr. Laveen P V C/o. Dr. E. Prasad Assistant Professor Department of Physics, School of Mathematical and Physical Sciences , Central University of Kerala, Padanakad (PO), Kasaragod - 671314, Kerala Mobile: 09048359097 prasad.e.nair@gmail.com Mobile no.:09400538320 (Laveen P V) laveenpv@gmail.com</p> | <p>Searching the stabilizing effect of N=126 in compound systems formed in heavy ion collisions.</p> |
| 36 | <p>Ms. Neelam C/o. Dr. Suresh Kumar Department of Physics & Astrophysics, University of Delhi, Pin Code-110007 Mobile: 09599762351 Mobile: 9013882475 du.neelam@gmail.com</p> | <p>Study of transitional nuclei using In-beam gamma-ray spectroscopy.</p> |
| 37 | <p>Dr. Punarbasu Chaudhuri Assistant Professor, Department of Environmental Science , University of Calcutta , Mailing Address: 35 Ballygunge Circular Road ,Kolkata, India Pin Code: 700019 Telephone 9133 24615445 Extn 522 (Office) 9133 25667064(Residence) Mobile No. 91 9831140980 Fax:91 3324614849 punarbasu_c@yahoo.com</p> | <p>Studies on ¹⁰Be inventory in Sundarban mangrove ecosystem .</p> |
| 38 | <p>Dr. Ghulam Nabi Dar Assistant Professor Department of Physics, University of Kashmir, Srinagar, Pin Code-190006 Phone: 9086486160 gulnoor.dar@gmail.com</p> | <p>Synthesis, characterizations of pure and radiation/ion embedded iron oxide nanostructures for water treatment.</p> |

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| 39 | Dr. Maninder Kaur Assistant Professor Department of Physics, SGTB, Khalsa College, Anandpur Sahib, Ropar, Punjab. Pin Code- 140118 Telephone: 09915591468 manisaini153@gmail.com | To investigate the effect of deformation on nuclear dissipation. |
| 40 | Dr. H. P. Sharma Associate Professor Banaras Hindu University, Varanasi-221005 Phone: +915426701377 Mobile No. 09336063074 hpsharma_07@yahoo.com | Search for Anti-magnetic Rotation in $^{100,106,108}\text{Pd}$. |
| 41 | Dr. Tanuj Kumar Assistant Professor Central University of Haryana (CUH), Jant-Pali, Mahendergarh- 123029 Mobile No. 9992910750 tanujkumar@cuh.ac.in | Importance of Amorphous/Crystalline (a/c) Interface in Nanoscale Surface Patterning of Si (100) using Ion Beam. |
| 42 | Dr. Ankush Vij Assistant Professor, Department of Physics, Amity School of Applied Sciences, Amity Univerisy, Haryana, Panchgaon, Gurgoan-122413 Mobile: 9650122015 vij_anx@yahoo.com avij1@ggn.amity.edu | Ion beam induced modification in MgO Based nanophosphors: luminescence and related studies. |
| 43 | Prof. Shakil Ahmad Romshoo Professor and Head of the Department, Department of Earth Sciences, University of Kashmir, Hazratbal Srinagar, Kashmir-190006 Phone: 09419010924 (Off.) Mobile: 09419010924 Fax: 01942424146 shakilrom@kashmiruniversity.ac.in | Cosmogenic radionucleid dating (^{10}Be , ^{26}Al) of the Glacio-fluvial deposits of Kashmir Valley. |
| 44 | Dr. Lokendra Kumar Associate Professor Department of Physics, Univeristy of Allahabad, Allahabad- 211002 Phone: 0532-2460993 (Off.) 0532-2460993 (Res.) kumarlokendra2000@yahoo.com , lokendrkr@allduniv.ac.in | Ion Induced modifications in transport, optical and magnetic properties of GaN nanostructures. |

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| 45 | <p>Dr. Ratnesh Gupta Professor and Head School of Instrumentation, Devi Ahilya University, Takshshila Campus, khandwa Road, INDORE-452001 Phone- 0731246228 (Off.) 09165360552 (Res.) Mobile: 09165360552 gratnesh_oi@yahoo.com</p> | <p>In-situ monitoring and study of resistance switching properties of metal-oxide thin films by swift heavy ions.</p> |
| 46 | <p>Dr. Utpal Shashikant Joshi Professor Department of Physics, School of Sciences, Gujarat University Ahmedabad-380009 Phone: 079-26303041(Off.) 079-26925686 (Res.) Fax: 079-26306194 (G.U.) usjoshi@gmail.com</p> | <p>Heavy ion induced controlled defects for improving the electrical properties of oxides and polymer based devices.</p> |
| 47 | <p>Dr. Vivek Kumar Assistant Professor Department of Physics, National Institute of Technology Meghalaya, Laitumkhrah Shillong -793003, Meghalaya Pin Code- 793003 Phone: 9402102362 (Off.) Mobile: 9911658618 vivekkumar@nitm.ac.in</p> | <p>Ultra- thin Silicon nanowire arrays fabricated by ion beam assisted chemical etching and their applications in SERS bio-sensing.</p> |
| 48 | <p>Dr. Rajesh Kumar Assistant Professor of physics, Univeristy School of Basic and Applied Sciences, Guru Govind Singh Indraprastha University, New Delhi-110078 Phone: 011-25302414 (Off.) 011-25302966 (Res.) Mobile: 09718876101 rajeshkumaripu@gmail.com</p> | <p>Study of swift heavy ion induced modifications of oxide based nonocomposite materials for application in gas sensor.</p> |

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| 49 | Dr. G. Ramesh Kumar Assistant Professor Department of Physics, University College of Engineering Arni (A Constituent college of Anna University Chennai), Thatchur, Arni- 632326, Tamilnadu Pin Code: 632326 Phone: 04173-244401 (Off.) 09444275758 (Res.) rameshvandhai@gmail.com | Swift Heavy Ion Irradiation Effects on Multiferroic Properties of Pure and Rare Earth Doped Bismuth Ferrite Thin Films. |
| 50 | Dr. Jitendra Kumar Pattanaik Assistant Professor , Centre for Geography and Geology, Central University of Punjab, City campus, Mansa Road, Bathinda - 151001 Mobile: + 91- 9674227643, 9041785779 jitendra.bapi@gmail.com | Determination of extent and timing of basin Quaternary glaciation in the Upper Alakananda using cosmogenic radionuclides ^{10}Be and ^{26}Al . |

BTR-5: LOW ENERGY ION BEAM FACILITY

| S.No | PRINCIPAL INVESTIGATOR | TITLE OF THE PROJECT |
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| 1 | Ms. Pragya Bhatt DST INSPIRE Faculty IUAC, New Delhi-110067 Mobile No.: +91-9958354477 pbpragya@gmail.com | Study of bond rearrangement and fragment ion orientation in slow highly charged ion-molecule collisions: a case study of NH_3 . |
| 2 | Ms. Pragya Bhatt DST INSPIRE Faculty IUAC, New Delhi-110067 Mobile No.: +91-9958354477 pbpragya@gmail.com | The study of fragment ion correlations in slow highly charged ion collisions with N_2O and NO_2 . |
| 3 | Mr. Ajit Kumar Research Scholar Jamai Milia Islamia Jamia Nagar, New Delhi, Pin Code- 110025 Mobile No.: 9891600529 Ajit.gupta529@gmail.com , | Study of the energy dependence of the angular distribution of ionic fragment from molecules. |
| 4 | Mr. Ashaq Hussain Sofi Ph.D Research scholar, Department of Physics, NIT Srinagar -190006 (Jammu and Kashmir) India Mobile: 09596512008 Shifs237@gmail.com | Effect of Irradiation & Implantation on the transport, magnetic & optical properties of indium oxide. |

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| 5 | <p>Dr. Bhas Bapat Associate Professor Indian Institute of Science Education and Research Pune , Pashan , Pune -411008 Phone: 02025908239 (Off.) Mobile: 08237099039 bhas.bapat@iiserpune.ac.in</p> | Inner shell ionisation and alignment effects in small molecules . |
| 6 | <p>Dr. Umesh Ramakant Kadhane Associate Professor Dept. of Physics, Indian Institute of Space Science and Technology, Thiruvananthapuram, Pin Code-695 547 Phone- 04712568550 (Off.) Mobile: 09539072859 rkumesh@gmail.com</p> | Plasma potential measurements on Xenon plasma in ECR ion source. |
| 7 | <p>Dr. Umesh Ramakant Kadhane Associate Professor Dept. of Physics, Indian Institute of Space Science and Technology, Thiruvananthapuram, Pin Code-695 547 Phone- 04712568550 (Off.) Mobile: 09539072859 rkumesh@gmail.com</p> | Collision of Naphthalene and derivatives with energetic Proton and Helium ions. |
| 8 | <p>Dr. Sunil Singh Kushvaha Scientist CSIR-National Physical Laboratory, New Delhi Mailing Address: TEC-9B, Physics of Energy Harvesting Division, CSIR-National Physical Laboratory, Dr. K.S. Krishnan Marg, New Delhi-110012 Phone: 011-54609329 (Off.) 011-28745239 (Res.) Mobile: 9899798692 Fax: 45609310 kushvahas@nplindia.org</p> | Low energy Si and N ion implantation in un-doped high resistive GaN film grown by laser molecular beam epitaxy. |
| 9 | <p>Mr. Farooq Ahmad Dar Ph.D. Research scholar, Department of Physics, NIT Srinagar -190006 (Jammu and Kashmir) India Mobile No. 08491807924 farooq.fd@gmail.com</p> | Modification in the structural, optical and magnetic properties of Al ₂ O ₃ thin films by low energy ion implantation. |

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| 10 | <p>Prof. Shikha Varma Institute Of Physics, Bhubaneswar Pin Code- 751005 Phone: 09337103334 shikha@iopb.res.in</p> | <p>Variation in magnetic and photo catalytic activity of TiO₂ after ion implantation in conjugation with channeling studies by low energy Chromium (Cr) ion.</p> |
| 11 | <p>Prof. Shikha Varma Institute Of Physics, Bhubaneswar Pin Code- 751005 Phone: 09337103334 shikha@iopb.res.in</p> | <p>Investigation of rare earth metal ion implantation in HfO₂ thin films and its application as resistive switching memory devices using LEIBF.</p> |
| 12 | <p>Mr. Sunil Ojha Scientist- F Inter-University Accelerator Centre, Aruna Asaf Ali Marg, Post Box No. 10502, New Delhi- 110067 Phone-26122277, 26893955 Mobile: 9810606154 sunil.mumbaikar@gmail.com</p> | <p>Analysis of epitaxial recrystallization by ion beams in silicon.</p> |
| 13 | <p>Ms. G. K. Priya Merline Research Scholar Crystal Growth Centre, Anna University Chennai- Mobile: 09994808777 priyamerline@gmail.com</p> | <p>Investigation on antimony potassium tartrate using low energy ion implantation.</p> |
| 14 | <p>Mr. Ajay Kumar Asst. Prof. Dept. of Physics, SRM University, NCR Campus, Ghaziabad C-53 A / C-3 Shalimar Garden Ext-II, Sahibabad, Ghaziabad - 201005 Mobile: 9811632806 ajayatali@gmail.com</p> | <p>Radiation stability of pyrochlore under ion irradiation.</p> |
| 15 | <p>Dr. Sai Ramudu Meka Assistant Professor Indian Institute of Technology Roorkee, Metallurgical and Materials Engg. Dept.(MMED), IIT Roorkee, Roorkee-247667, Uttarakhand, Telephone: 01332284860 (Off) 01332284164 (Res.) Mobile: 07060933840 sairamudu@gmail.com</p> | <p>N and B ion implantation into Iron-based alloys; role of alloying elements and defects already present in the substrate.</p> |

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| 16 | <p>Ms. Chetna Tyagi C/o. Dr. Ambuj Tripathi Material Science Group IUAC, New Delhi-110067 Mobile No. 9818077001 ambujtripathi@gmail.com Mobile No. 9711328770 (Ms. Chetna Tyagi) tchetna91@gmail.com</p> | <p>Improvement in electrical properties and tuning of optical band gap in graphene oxide by energetic ion irradiation.</p> |
| 17 | <p>Ms. Samiya Manzoor C/o. Dr Shahid Husain, Assistant Professor Department of Physics Aligarh Muslim University, Aligarh-202002 Mobile: 9719006563 s.husain@lycos.com Mobile no.:9761031996 (Ms. Samiya Manzoor) samiyamanzoor8@gmail.com</p> | <p>Effect of swift heavy ion irradiation and implantation on structural, electrical and magnetic properties of zinc doped lanthanum orthoferrite.</p> |
| 18 | <p>Dr. Ashish Kumar DST-INSPIRE Faculty, IUAC, New Delhi-110067 Phone : 9718686667 dr.akmr@gmail.com</p> | <p>Defects in GaN caused by SHI irradiation and its potential applications.</p> |
| 19 | <p>Dr. R. K. Dutta Associate Professor Department of Chemistry Indian Institute of Technology Roorkee, Roorkee, Pin Code- 247667 Phone- 01332-285280 (Off.) 01332-286280 (Residence) Mobile: 8859136848 duttafcy@iitr.ernet.in</p> | <p>Studies on ion implantation of CuO/ZnO/FTO for enhancing solar cell efficiency.</p> |