

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

S.No	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
1	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	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.
2	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	Vegetation and Climate history of Peninsular India – establishing Late Quaternary chronologies from diverse terrestrial sites using AMS dating of bulk sediments and pollen extracts.
3	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	The Study of $^{19}\text{F}(\text{p},\text{a})$ reaction at astrophysical energies using The Trojan Horse Method.
4	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	Lifetime measurements of ^{139}Pm and ^{141}Pm with DSAM technique using INGA facility.

5	Dr. H. P. Sharma Associate Professor Department of Physics, Banaras Hindu University, Varanasi – 221005 Phone- +915426701377 (Off.) Mobile No. 09336063074 hpsharma_07@yahoo.com	Search for magnetic rotational band in rubidium nuclei near $A=80$.
6	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 sarkarcal@gmail.com	Tuning new defective states in ZnO, TiO ₂ and SnO ₂ Using Swift Ion Irradiation.
7	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	Simulation of fission fragments induced radiation damage on the structural stability of the nuclear fuels.
8	Mrs. Golda K.S. Scientist IUAC, Aruna Asaf Ali Marg, New Delhi-110067 Phone: 11-26893955 goldaks@gmail.com	Study of fusion-fission dynamics near mass 200 region.

9	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	Fabrication and characterization of Zinc Oxide thin films for opto-electronic device applications.
10	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	Investigations of Single Event Effects (SEEs/ SEUs) in micro-circuit devices.
11	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	Silicate weathering and river geochemistry in the tropical Kabini river basin of Wayanad district, Kerala, India: applications of cosmogenic ^{10}Be and ^{26}Al analyses.
12	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	Tailoring exchange bias in $\text{Fe}_3\text{O}_4/\text{NiO}$ bilayer by Swift Heavy Ion Irradiation.

13	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	An exploratory experiment for measuring the fission barrier of nuclei by transfer induced fission reaction.
14	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	Search for band structure above the highest known isomer in ^{195}Bi .
15	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	Multi-quasiparticle isomers below doubly-magic 208Pb.
16	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	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.
17	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	Investigations of swift heavy ion irradiation on CuInSe_2 and $\text{Cu}_2\text{ZnSnS}_4$ thin films.

18	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	Tuning of the strain in Si or Ge substrates by ion beams.
19	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	Swift heavy ion induced modifications of Co/Ti neutron polarizer supermirror .
20	Dr. Ashish Kumar DST-INSPIRE Faculty, IUAC, New Delhi-110067 Phone : 9718686667 dr.akmr@gmail.com	Defects in GaN caused by SHI irradiation and its potential applications.
21	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	Luminescence studies of lanthanide based alkaline earth inter-oxides for dosimetry and light emitting application tailored by swift heavy ion irradiation.
22	Mr. Harsh Gupta C/o. Dr. Santanu Ghosh, IIT, Delhi, New Delhi Mobile: 9027590143 (Harsh) harsh.hgupta@hotmail.com	Modification of nanostructures of Si rich silicon nitride films by ion irradiation.

23	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	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.
24	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	Synthesis and characterization of II-VI compound nanostructured thin films.
25	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	Blue carbon dynamics in “Coringa Mangrove Ecosystem, Andhra Pradesh, India”.
26	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	Study of Break-up fusion process and its sensitivity to alpha Q-value below ≈ 8 MeV/nucleon energies.

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.

31	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	Exploring the effect of breakup channel(s) on fusion from sub- to above- barrier energies.
32	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	Improvement in electrical properties and tuning of optical band gap in graphene oxide by energetic ion irradiation.
33	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	Structural, optical and transport studies on CdO based thin films and nanocomposites under ion beam irradiation for optoelectronic applications.
34	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	Effect of swift heavy ion irradiation and implantation on structural, electrical and magnetic properties of zinc doped lanthanum orthoferrite.

35	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	Searching the stabilizing effect of N=126 in compound systems formed in heavy ion collisions.
36	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	Study of transitional nuclei using In-beam gamma-ray spectroscopy.
37	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	Studies on ^{10}Be inventory in Sundarban mangrove ecosystem .
38	Dr. Ghulam Nabi Dar Assistant Professor Department of Physics, University of Kashmir, Srinagar, Pin Code-190006 Phone: 9086486160 gulnoor.dar@gmail.com	Synthesis, characterizations of pure and radiation/ion embedded iron oxide nanostructures for water treatment.

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, Gurgaon-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.

45	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	In-situ monitoring and study of resistance switching properties of metal-oxide thin films by swift heavy ions.
46	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	Heavy ion induced controlled defects for improving the electrical properties of oxides and polymer based devices.
47	Dr. Vivek Kumar Assistant Professor Department of Physics, National Institute of Technology Meghalaya, Laitumkhrach Shillong -793003, Meghalaya Pin Code- 793003 Phone: 9402102362 (Off.) Mobile: 9911658618 vivekkumar@nitm.ac.in	Ultra- thin Silicon nanowire arrays fabricated by ion beam assisted chemical etching and their applications in SERS bio-sensing.
48	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	Study of swift heavy ion induced modifications of oxide based nonocomposite materials for application in gas sensor.

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
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.

5	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	Inner shell ionisation and alignment effects in small molecules .
6	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	Plasma potential measurements on Xenon plasma in ECR ion source.
7	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	Collision of Naphthalene and derivatives with energetic Proton and Helium ions.
8	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	Low energy Si and N ion implantation in un-doped high resistive GaN film grown by laser molecular beam epitaxy.
9	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	Modification in the structural, optical and magnetic properties of Al ₂ O ₃ thin films by low energy ion implantation.

10	Prof. Shikha Varma Institute Of Physics, Bhubaneswar Pin Code- 751005 Phone: 09337103334 shikha@iopb.res.in	Variation in magnetic and photo catalytic activity of TiO ₂ after ion implantation in conjugation with channeling studies by low energy Chromium (Cr) ion.
11	Prof. Shikha Varma Institute Of Physics, Bhubaneswar Pin Code- 751005 Phone: 09337103334 shikha@iopb.res.in	Investigation of rare earth metal ion implantation in HfO ₂ thin films and its application as resistive switching memory devices using LEIBF.
12	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	Analysis of epitaxial recrystallization by ion beams in silicon.
13	Ms. G. K. Priya Merline Research Scholar Crystal Growth Centre, Anna University Chennai- Mobile: 09994808777 priyamerline@gmail.com	Investigation on antimony potassium tartrate using low energy ion implantation.
14	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	Radiation stability of pyrochlore under ion irradiation.
15	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	N and B ion implantation into Iron-based alloys; role of alloying elements and defects already present in the substrate.

16	Ms. Chetna Tyagi C/o. Dr. Ambuj Tripathi Matril Science Group IUAC, New Delhi-110067 Mobile No. 9818077001 ambujtripathi@gmail.com Mobile No. 9711328770 (Ms. Chetna Tyagi) tchetna91@gmail.com	Improvement in electrical properties and tuning of optical band gap in graphene oxide by energetic ion irradiation.
17	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	Effect of swift heavy ion irradiation and implantation on structural, electrical and magnetic properties of zinc doped lanthanum orthoferrite.
18	Dr. Ashish Kumar DST-INSPIRE Faculty, IUAC, New Delhi-110067 Phone : 9718686667 dr.akmr@gmail.com	Defects in GaN caused by SHI irradiation and its potential applications.
19	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	Studies on ion implantation of CuO/ZnO/FTO for enhancing solar cell efficiency.