IUAC ACCELERATOR USER'S WORKSHOP

15 - 18 December 2026

Day 1: Tuesday, 15 December 2026

9:00 - 9:30 AM: WELCOME ADDRESS BY DIRECTOR, IUAC FOLLOWED BY REMARKS BY CHAIRMAN, AUC

Session 1 (09:30 - 11:00)				Chair: Prof S Bajpai
AUCID	BTR TYPE	FIELD	TITLE	PI
81121	Fresh Proposals	AMS	Human-climate interaction during quaternary in Higher Himalaya, Uttarakhand, India.	Dr. Shravi Agarwal, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh.
81123	Fresh Proposals	AMS	Apportionment of fossil fuel emissions contributing to atmospheric CO2.	Dr. Mahesh Pathakoti, NRSC-ISRO, Hyderabad, Telangana.
81126	Fresh Proposals	AMS	Constraining the age of marine sediment cores using AMS 14C dating.	Dr. Muralidhar Kocherla, CSIR-NIO, Dona Paula, Goa, Goa.
81127	Fresh Proposals	AMS	Cultural Chronology of Nagardhan (ancient Vakataka Capital), Nagpur, Maharashtra.	Dr. Virag Gopal Sontakke, Banaras Hindu University, Varanasi, Uttar Pradesh.
81132	Fresh Proposals	AMS	Past climate and biome reconstruction from lake sediments of the Ganga Plains.	Dr. Choudhurimayum Pankaj Sharma, Indian Institute of Technology Roorkee, Uttarakhand.

Tea Break

Session 2 (11:15 - 13:00)				Chair: Prof. B Phartiyal
AUCID	BTR TYPE	FIELD	TITLE	PI
81133	Fresh Proposals	AMS	Reconstructing the human past and human-animal interaction of over past 5 millennia population history of South Asia using ancient genomics.	Dr. Niraj Rai, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh.
81140	Fresh Proposals	AMS	Determination of the age of the particular site.	Dr. Paranthaman S, Department of Archaeology, Government of Tamilnadu, Tamil Nadu.
81142	Fresh Proposals	AMS	Geochemical characteristics and distribution of Rare Earth Elements in sediments from the Wadia, Panikkar and Raman seamounts, Laxmi Basin: Implications for REE enrichment and potential resource distribution in Deep-Sea sediments.	Dr. Arubam Khelen Chanu, CSIR-NIO, Dona Paula, Goa. Goa.
81143	Fresh Proposals	AMS	Unveiling cultural climate relationship: Environmental a thorough Investigation of Palaeoclimate and Palaeovegetation through Pollen, Phytolith, And Multi-Proxy analyses at an archaeological site.	Dr. Anjali Trivedi, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh.
81144	Fresh Proposals	AMS	Establishing an absolute chronological framework for palaeoenvironmental reconstruction and human-environment Interactions.	Dr. Sarvendra Pratap Singh, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh.
81145	Fresh Proposals	AMS	Radiocarbon dating of foraminifera to constrain sedimentary reworking in marine sediments.	Mr. Maria Hilda Das Merces Joao, CSIR-NIO, Dona Paula, Goa, Goa.

Lunch Break

Session 3 (14:00 - 16:00)				Chair: Prof. S Bajpai
AUCID	BTR TYPE	FIELD	TITLE	PI
81233	Thesis Proposals	AMS	Holobiome response and to past climate variability clues from lakes of Himalayan and Its foreland.	Mr. Padmalochan Malik C/o. Prof. Pradeep Srivastava, IIT Roorkee, Uttarakhand.
81235	Thesis Proposals	AMS	Biochronology and palaeoecology of Late Quaternary Megafauna from Central Narmada Valley, India.	Ms. Sakina Abdeali Halvadwala C/o. Dr. Parth R. Chauhan, IISER Mohali, Punjab.
81236	Thesis Proposals	AMS	Palaeoclimatic studies of quaternary sediments of Kannur-Kasaragod Districts, Kerala, India.	Ms. Vismaya Dileep C/o. Prof. Rajesh Reghunath, University of Kerala, Kerala.
81237	Thesis Proposals	AMS	Late quaternary Marginal-Marine archives of Weathering and Carbon preservation on the Southwestern Indian continental margin.	Ms. Alfia Zakkir Hussain C/o. Dr. Prajith.A, National Centre for Earth Science Studies(NCESS), Ministry of Earth Sciences, Thiruvananthapuram, Kerala.(Cochin
81241	Thesis Proposals	AMS	Understanding late quaternary ecology of Kashmir Valley using Lacustrine Sediments.	Ms. Aaniqa Qayoom C/o. Dr. Irfan Rashid, University of Kashmir, Jammu and Kashmir.
81242	Thesis Proposals	AMS	Human footprints in the Mangroves Ecosystem Dynamics of the Gulf of Kachchh, Gujarat: A late holocene Multi- Proxy perspective.	Ms. Shrishti Kulshrestha C/o. Dr. Shilpa Pandey, BSIP, Lucknow, Uttar Pradesh (BSIP-Kachchh University).

Tea Break

Session 4 (16:15 - 17:30)				Chair: Prof. B Phartiyal
AUCID	BTR TYPE	FIELD	TITLE	PI
81243	Thesis Proposals	AMS	Reconstruction of Indian Monsoon from the Last Glacial Maximum to Present over Bay of Bengal.	Ms. Bhanu Priya Boipai C/o. Dr. Yama Dixit, Indian Institute of Technology, Delhi.
81244	Thesis Proposals	AMS	Geochemical and isotopic investigations of paleoceanographic Controls, Growth History, and Metal Enrichment in ferromanganese crusts and nodules from the Andaman Sea.	Mr. Ali Habib Alvi C/o. Dr. Waliur Rahaman, National Centre for Polar and Ocean Research(NCPOR),Vasco da Gama, Goa.
81245	Thesis Proposals	AMS	Air-Sea CO2 exchange and deep ocean ventilation in the Northern Indian ocean during the last deglaciation.	Ms. Anusri Saha C/o. Prof. Sambuddha Misra, Centre for Earth Sciences, IISc Bangalore, Karnataka.
81246	Thesis Proposals	AMS	Reconstruction of palaeomonsoon variability: Inferences from eastern Bay of Bengal sediments using planktonic foraminifera.	Ms. Rose Ann Sebastian C/o. Dr. Sijin Kumar A.V, Central University of Kerala, Kerala.
81248	Thesis Proposals	AMS	Late quaternary (younger Dryas-holocene) reconstruction of retreating monsoon over India: A multi proxy approach.	Mr. Soham Ray C/o. Dr. Yama Dixit, Indian Institute of Technology, Delhi, Delhi.

IUAC ACCELERATOR USER'S WORKSHOP

15 - 18 December 2026

Day 2: Wednesday, 16 December 2026

Session 1 (09:15 - 11:00) — Chair: Prof. S Bajpai

AUCID	BTR TYPE	FIELD	TITLE	PI
81249	Thesis Proposals	AMS	Reconstructing Pliocene-holocene Greenland ice sheet history using geochemical and radiogenic Sr-Nd and Be Isotope records from IODP expedition 400 Sediments, Baffin Bay, Northwest Greenland.	Mr. Ghulam Rabbani C/o. Dr. Waliur Rahaman, National Centre for Polar and Ocean Research, Goa.
81250	Thesis Proposals	AMS	Quaternary fluvial processes and landform evolution in the upper and middle reaches of Damodar River Basin, India.	Mr. Surajit Kundu C/o. Dr. Sk Mafizul Haque, University of Calcutta, West Bengal.
81252	Thesis Proposals	AMS	Late quaternary evolution of riverine influx and bottom water oxygenation in the eastern Bay of Bengal.	Ms. Suman Kumari C/o. Dr. Thejasino Suokhrie, CSIR- National Institute of Oceanography, Dona Paula, Goa. Goa.
81255	Thesis Proposals	AMS	Radiocarbon based assessment of soil organic carbon mean residence time across Agro-Climatic zones of Rajasthan.	Ms. Pragya Nama C/o. Prof. K. K. Yadav, Maharana Pratap University of Agriculture & Technology, Udaipur, Rajasthan.
81256	Thesis Proposals	AMS	Assessment of soil Carbon storage vis a vis climate change of the tidally active Ganges Brahmaputra Meghna Delta.	Mr. Sk Mockbul Alam C/o. Prof. Tajdarul Hassan Syed, IIT Kanpur, Uttar Pradesh.
81257	Thesis Proposals	AMS	Monsoon-driven terrigenous influx from peninsular Indian rivers into the South-Eastern Arabian Sea.	Mr. Celestine John Kenneth Fernandez C/o. Dr. Sandeep K, Central University of Kerala, Kerala.

Tea Break

Session 2 (11:15 - 13:00) — Chair: Prof. B Phartiyal

AUCID	BTR TYPE	FIELD	TITLE	PI
81258	Thesis Proposals	AMS	Quantitative reconstruction of vegetation and climate using Pollen during the Holocene: A novel and integrated approach to Past, Present, and Future landscape dynamics in the Core Monsoon Zone.	Mr. Anupam Nag C/o. Dr. Anjali Trivedi, Birbal Sahni Institute Of Palaeosciences, Lucknow, Uttar Pradesh (& KSKV Kachchh University).
81262	Thesis Proposals	AMS	Palaeoenvironmental reconstruction of the late quaternary Indian subcontinent using Ostrich Eggshell and associated proxies.	Ms. Siddhi Bansod C/o. Dr. Parth R. Chauhan, IISER Mohali, Punjab.
81263	Thesis Proposals	AMS	Deciphering monsoon-driven terrestrial hydroclimate and its transfer to the Bay of Bengal: A paired Kolleru Lake-marine sediment approach.	Ms. Anurupa Mishra C/o. Dr. Barnita Banerjee, CSIR-National Geophysical Research Institute Uppal, Hyderabad, Telangana.
81267	Thesis Proposals	AMS	The monsoon enigma: understanding the late Quaternary relation between Indian monsoon systems (summer and winter) and Western disturbance.	Mr. Vireswar Samanta C/o. Dr. Barnita Banerjee, AcSIR, NGRI, Hyderabad, Telangana.
81353	Funds & Beamtime	AMS	Earth system response to Late Pliocene warming: Insights from Karewa deposits, Kashmir Valley, India.	Dr. Malik Zubair Ahmad, University of Kashmir, Jammu and Kashmir.
81361	Funds & Beamtime	AMS	Radiocarbon-Based source apportionment of atmospheric CO2 and PM2.5: Assessing the contribution of Crop-Residue burning in Punjab, India.	Prof. Jitendra Kumar Pattanaik, Central University of Punjab, Bathinda , Punjab.

Lunch Break

Session 3 (14:00 - 16:00)				Chair: Prof. B Lalremruata
AUCID	BTR TYPE	FIELD	TITLE	PI
81138	Fresh Proposals	Nuclear Physics	Probing the effect of neutron transfer and entrance channel dynamics in fusion at deep barrier energies.	Dr. Rudra Narayan Sahoo, Institute of Physics(IOP), Bhubaneswar, Odisha.
81148	Fresh Proposals	Nuclear Physics	Role of Positive Q-value Neutron Transfer (PQNT) channels in sub-barrier fusion enhancement.	Dr. Amanjot, Indian Institute of Technology Ropar, Punjab.
81265	Thesis Proposals	Nuclear Physics	Exploring the fusion mechanism below and above the Coulomb Barrier.	Mr. Ashish Shekhar Mishra C/o. Prof. Manoj Kumar Sharma, University of Lucknow, Uttar Pradesh.
81147	Fresh Proposals	Nuclear Physics	Investigating single-particle excitations and high-spin isomers near doubly-magic 208Pb.	Dr. Khamosh Yadav, Indian Institute of Information Technology Surat, Gujarat.
81151	Fresh Proposals	Nuclear Physics	Search for high-spin isomers and quasiparticle vibration coupling in 185Ir.	Dr. Anupriya Sharma, Inter University Accelerator Centre, New Delhi, Delhi.
81152	Fresh Proposals	Nuclear Physics	Recoil-distance lifetime measurements in 106Cd: A Test of E(5) critical-point symmetry.	Dr. Ravi Bhushan, Inter University Accelerator Centre (IUAC), Delhi.

Tea Break

Session 4 (16:15 - 17:30)				Chair: P V Madhusudhanarao
AUCID	BTR TYPE	FIELD	TITLE	PI
81260	Thesis Proposals	Nuclear Physics	Metastable states in neutron-rich, A~180 region nuclei.	Mr. Ankit Rana C/o. Prof. Sujit K. Tandel, Shiv Nadar Institution of Eminence, Delhi NCR, Uttar Pradesh.
81261	Thesis Proposals	Nuclear Physics	High-Spin excitations and isomeric states in nuclei near Z = 82.	Ms. Gunjan Gaur C/o. Dr. Ajay Y. Deo, IIT Roorkee, Uttarakhand.
81266	Thesis Proposals	Nuclear Physics	Investigation of Nuclear Structure and Collective Correlations in the A ~ 70 region.	Ms. Varshini Patnala C/o. Dr. Kumar Raju Mukhi, GITAM University, Visakhapatnam, Andhra Pradesh.
81343	Funds & Beamtime	Nuclear Physics	Quadrupole moment measurements for the nuclear structure investigations.	Dr. Neeraj Bansal, Guru Nanak Dev University, Amritsar, Punjab.
81344	Funds & Beamtime	Nuclear Physics	Population of high spin states through Break-up fusion and its systematics at above barrier energies.	Dr. Dharmendra Singh, Central University of Jharkhand, Ranchi, Jharkhand.

IUAC ACCELERATOR USER'S WORKSHOP

15 - 18 December 2026

Day 3: Thursday, 17 December 2026

Session 1 (09:15 - 11:00) — Chair: Prof. R Varma

AUCID	BTR TYPE	FIELD	TITLE	PI
81359	Funds & Beamtime	Nuclear Physics	Investigation of wobbling motion and chiral symmetry breaking in 137Nd and 137Pm.	Dr. Subhendu Rajbanshi, Presidency University Kolkata, West Bengal.
81360	Funds & Beamtime	Nuclear Physics	Lifetime measurements of excited states in 63Ga and 65Ga.	Prof. Buddhadev Mukherjee, Visva-Bharati, West Bengal.
81137	Fresh Proposals	Nuclear Physics	Investigation of the 12C(α, γ)16O Reaction via an Indirect Method.	Dr. Tanmoy Bar, Inter University Accelerator Centre, Delhi.
81146	Fresh Proposals	Nuclear Physics	The study of 12C(p,gamma) and 19F(p,gamma) CNO cycle reactions using transfer reactions.	Dr. Chinmay Basu, Saha Institute of Nuclear Physics, Kolkata, West Bengal.
81247	Thesis Proposals	Nuclear Physics	Systematic investigation of fission fragment mass and angular distributions, Neutron multiplicities, and mass flow dynamics in Heavy Ion induced fission of Fermium Isotope.	Mr. Shiva Prasad Nayak C/o. Prof. E. Prasad, Central University of Kerala, Kerala.
81269	Thesis Proposals	Nuclear Physics	Investigation of shell driven fission dynamics in 209,211Fr compound nuclei using neutron multiplicity as a probe.	Mr. Shivam Thapliyal C/o. Prof. Ajay Kumar Tyagi, Banaras Hindu University, Varanasi Uttar Pradesh.

Tea Break

Session 2 (11:15 - 13:00) — Chair: Prof. M Singh

AUCID	BTR TYPE	FIELD	TITLE	PI
81130	Fresh Proposals	Atomic Physics	Structural and lifetime study of metastable states in Highly Ionized Atoms (Z>20) relevant to Astrophysics.	Dr. Nissar Ahmed, University of Kashmir, Hazratbal, Srinagar, Jammu and Kashmir.
81251 & 81515	Thesis Proposals Low Energy Ion Beam Facility	Atomic Physics	Investigating Heteroatom Effects on the fragmentation of Aromatic Heterocycles through momentum imaging under highly charged ion impact.	Mr. Rajdip Sarkar C/o. Dr. Krishnendu Gope, School of Physics, IISER Thiruvananthapuram, Kerala.
81254 & 81520	Thesis Proposals Low Energy Ion Beam Facility	Atomic Physics	Coulomb explosion imaging of Dimethyl Ether (CH3-O-CH3) and Dimethyl Sulfide (CH3-S-CH3): Influence of central heteroatom substitution on fragmentation dynamics.	Mr. Melvin Varghese C/o. Dr. Krishnendu Gope, IISER Thiruvananthapuram, Kerala.
81129	Fresh Proposals	Radiation Biology	Assessment of Radiation protection efficacy of Mannan Oligosaccharide on spheroids and on Mammalian Cell Lines exposed to High-LET (12C and 7Li) Irradiation.	Dr. Damodar Gupta, INMAS, DRDO, Delhi, Delhi.
81156	Fresh Proposals	Radiation Biology	Investigation of the effect of High-LET carbon beam radiation on A549 cellular morphology using holographic microscopy and Surface-Enhanced Raman Microscopy (SERS).	Prof. Dalip Singh Mehta, IIT Delhi, Delhi.
81349	Funds & Beamtime	Radiation Biology	Integrative transcriptomic analysis of ZnO Nanoparticle-Mediated radiosensitization to High-LET C-12 ion radiation in Head and Neck Squamous Cell Carcinoma Cells: Deciphering molecular pathways and therapeutic response.	Dr. Savitri Tiwari, Galgotias University, Greater Noida, Uttar Pradesh.

Lunch Break

Session 3 (14:00 - 16:00)				Chair: Prof. S Srivasthava
AUCID	BTR TYPE	FIELD	TITLE	PI
81125 & 81503	Fresh Proposals Low Energy Ion Beam Facility	Materials Science	Investigating Irradiation Induced Defect Evolution and Structural Stability of High Entropy Alloys.	Dr. Premshila Kumari, School of Physical Sciences, Jawaharlal Nehru University, Delhi.
81131	Fresh Proposals	Materials Science	Swift Heavy Ion Defect Engineering of Mn-Doped BiFeO3 thin films for Low-leakage Memory Devices.	Dr. Nellutla Jahangeer, VNR Vignana Jyothi Institute of Engineering &Tech (VNRVJIET), Hyderabad, Telangana.
81135 & 81507	Fresh Proposals Low Energy Ion Beam Facility	Materials Science	Ion-beam-controlled defect engineering of Cs2,SnI6-xBrx Vacancy-ordered double perovskites for Space Photovoltaic Applications.	Mr. Chetan Prakash Sharma, Inter-University Accelerator Centre, New Delhi, Delhi.
81141	Fresh Proposals	Materials Science	Effect of Swift Heavy-Ion Irradiation on the RRAM performance of hybrid thin films for Neuromorphic Applications.	Prof. Chandana Rath, IIT(BHU), Varanasi, Uttar Pradesh.
81149	Fresh Proposals	Materials Science	Swift heavy ion irradiation-induced engineering of SPR response of MoS2 thin films for optical sensor and photodetector applications.	Dr. Ayushi Paliwal, DU, Delhi.
81154 & 81525	Fresh Proposals Low Energy Ion Beam Facility	Materials Science	Understanding the effect of ion irradiation on 3D printed material.	Dr. Sagar Sarkar, Indian Institute of Technology Delhi, Delhi.
Tea Break				
Session 4 (16:15 - 17:30)				Chair: Prof. G Prakash
AUCID	BTR TYPE	FIELD	TITLE	PI
81155	Fresh Proposals	Materials Science	Swift heavy ions for tailoring the physical properties of ultrathin Transition-metal nitride films.	Dr. Hardeep Kumar, NIT Uttarakhand, Uttarakhand.
81253 & 81514	Thesis Proposals Low Energy Ion Beam Facility	Materials Science	Low Energy Ion beam induced vacancy formation in nanostructured photoanodes for enhanced photoelectrochemical water splitting.	Ms. Pallvi Thakur C/o. Prof. Santanu Ghosh, Indian Institute of Technology Delhi, Delhi.
81259	Thesis Proposals	Materials Science	Experimental studies of various doped and undoped perovskite nanomaterials for Photocatalytic Applications.	Ms. Shaneem Lanong C/o. Dr.T. S. Senthil, North Eastern Hills University, Meghalaya, Assam.
81340	Funds & Beamtime	Materials Science	Surface and interface engineering of Low-Energy ion beam irradiated PANI/MXene/Nb_2O_5–Y_2O_3 quaternary nanocomposites for High-Performance supercapacitors.	Dr. P. Jayamurugan, SRMVCAS(Bharathiar University), Tamil Nadu.
81345	Funds & Beamtime	Materials Science	Swift heavy ion induced modulation of Copper Cobalt Oxide-Carbon composites for supercapacitor and water splitting applications.	Prof. (Dr.) Rajendra G. Sonkawade, Shivaji University Kolhapur, Maharashtra.

IUAC ACCELERATOR USER'S WORKSHOP

15 - 18 December 2026

Day 4: Friday, 18 December 2026

Session 1 (09:15 - 11:00)				Chair: Prof. S Verma
AUCID	BTR TYPE	FIELD	TITLE	PI
81346	Funds & Beamtime	Materials Science	Improving the accuracy of thermoluminescence dosimetry of therapeutic ion beams using Monte Carlo simulations based FLUKA software.	Prof. Anant Pandey, Sri Venkateswara College, University of Delhi, Delhi.
81348	Funds & Beamtime	Materials Science	Ion-Beam engineering of defect and cation disorder for correlated magnetic and thermoelectric transport in $MnFe_2O_4$ thin films.	Prof. Yogesh Chandra Sharma, JECRC University, Jaipur, Rajasthan.
81350	Funds & Beamtime	Materials Science	Swift heavy ion beam irradiation of SnO2/Reduced Graphene Oxide (rGO) nanocomposites for Enhanced Photocatalytic Activity.	Dr. Jagdeep Singh, Thapar Institute of Engineering and Technology, Patiala, Punjab.
81351 & 81504	Funds & Beamtime Low Energy Ion Beam Facility	Materials Science	Engineering defects via ion irradiation to enhance Electro-Ionic transport in Solid-State battery and supercapacitors.	Dr. Raza Shahid, Jamia Millia Islamia, Delhi.
81352	Funds & Beamtime	Materials Science	Investigation of swift heavy ion Irradiation-induced microstructural modifications in NiO/MXene hybrid electrodes and their correlation with electrochemical performance for energy storage.	Dr. Shubhra Kala, Hemvati Nandan Bahuguna Garhwal (a Central) University, Uttarakhand.
81357	Funds & Beamtime	Materials Science	Ion Implantation-Induced nanostructuring of Lead-Free Heavy-Metal oxide glasses for advanced Gamma-Ray and Neutron shielding.	Dr. Sonika Thakur, Guru Nanak Dev University College Verka, Punjab.

Tea Break

Session 2 (11:15 - 13:00)				Chair: Prof. P Srivastava
AUCID	BTR TYPE	FIELD	TITLE	PI
81502	Low Energy Ion Beam Facility	Materials Science	Development of ion beam enhanced SERS plasmonic system for Slivary Biomarker Detection.	Dr. Vandana Panchal, Central University of Jammu, Jammu and Kashmir
81508	Low Energy Ion Beam Facility	Materials Science	Ion beam induced modification of magnetic and transport properties in magnetic topological insulators.	Dr. Lisha Raghavan, CSIR National Physical Laboratory, New Delhi, Delhi.
81509	Low Energy Ion Beam Facility	Materials Science	Effect of low-energy ion beams on ZnSnO3-modified La4Co3O9 thin films for photoelectrochemical (PEC) water splitting for hydrogen production.	Prof. Sarath Chandra Veerla, School of Sciences and Humanities, SR University, Telangana.
81512	Low Energy Ion Beam Facility	Materials Science	Ion-beam irradiation induced modifications in the structural, morphological and optical properties of hBN flakes.	Mr. Ambuj Mishra, Inter-University Accelerator Centre, Delhi.
81513	Low Energy Ion Beam Facility	Materials Science	Controlled N^+ Ion-Beam defect engineering of TMO/GCN electrodes for tailoring electrochemical charge storage.	Dr. Arun Aravind, University of Kerala, Kerala.
81516	Low Energy Ion Beam Facility	Materials Science	Low energy ion beam irradiation of Mg photocathode and Cs2Te photocathode to enhance their Quantum Efficiency.	Mr. Padmanava Patra, IUAC, Delhi.

Lunch Break

Session 3 (14:00 - 16:00)				Chair: Prof. D Gupta
AUCID	BTR TYPE	FIELD	TITLE	PI
81517	Low Energy Ion Beam Facility	Materials Science	Ion-beam Rippled Silicon substrates for engineering tunable plasmonic anisotropic Au nanostructures.	Dr. Parasmani Rajput, Bhabha Atomic Research Centre, Trombay, Mumbai, Maharashtra.
81519	Low Energy Ion Beam Facility	Materials Science	Development of ion beam modified Graphitic Carbon Nitride (gC3N4) and Graphene Oxide (GO) for microplastic sensing.	Dr. Ashima Makhija, IUAC, Delhi.
81523	Low Energy Ion Beam Facility	Materials Science	Controlled ion irradiation of NiFe/Ta Interfaces: Investigation of Thickness-dependent magnetization dynamics by Ferromagnetic Resonance.	Dr. Susmita Saha, Ashoka University,Sonipat, Haryana.
81524	Low Energy Ion Beam Facility	Materials Science	Low-Energy B and O ion implantation engineering of amorphous Zn–Sn–O thin films for UV Photodetectors.	Dr. Atheek P, PSG Institute of Technology and Applied Research, Coimbatore, Tamil Nadu.