

TENTATIVE PRESENTATION SCHEDULE
71st ACCELERATOR USERS' WORKSHOP
DECEMBER 15, 2021 (WEDNESDAY)

(Online Mode Only)

09:00 – 09:15	WELCOME ADDRESS BY DIRECTOR, IUAC FOLLOWED BY REMARKS BY CHAIRPERSON, AUC
	Session Chairperson: Prof Sunil Bajpai
09:15 – 11:00	Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
71120	Late Quaternary-Holocene palaeoclimate and sea level fluctuations from the northwestern India: evidence from multiproxy studies.: Dr. Rachna Raj, School of Environmental Science, JNU, New Delhi.
71121	Variations in ventilation ages in the northern Indian ocean.: Dr. Rajeev Saraswat, National Institute of Oceanography, Geological Oceanography Division, Dona Paula, Goa.
71122	Understanding the C-14 Dynamics in the Terrestrial and Aquatic system.: Dr. Sabyasachi Rout, Bhabha Atomic Research Centre, Trombay, Mumbai.
71123	AMS dating of Charcoal samples from Kalibangan (Harappan Site), Tehsil- Pilibangan, Dist- Hanumangarh, Rajasthan.: Dr. Manoj Kumar Kurmi, Archaeological Survey of India, Puratattva Bhawan, Seminary Hills, Nagpur.
71125	Dating exposed coral boulders from Lakshadweep Archipelago: Implications to Holocene sea level and shoreline geomorphic changes.: Prof. Javed N Malik, IIT Kanpur, Kalyanpur, Kanpur.
71128	Radiocarbon dating of foraminifera.: Dr. Aninda Mazumdar, CSIR-National Institute of Oceanography, Donapaula, Goa.
71131	14C AMS dating of four short sediment cores from the Bay Of Bengal.: Dr. Maria B L Mascarenhas, National Institute of Oceanography, Dona Paula Circle , Panaji, Goa.
71133	Tracking Late-Holocene climatic and depositional environment history from shelf.: Mrs. Maria Hilda D. M. Joao CSIR-National Institute of Oceanography, Dona Paula, Goa.
	11:00 – 11:15 BREAK
	Session Chairperson: Prof Sunil Bajpai
11:15 – 13:00	Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
71134	Temporal variation in coastal hypoxia from eastern Arabian Sea.: Dr. Thejasino Suokhrie, Micropaleontology Laboratory CSIR-National Institute Of Oceanography, Goa.
71135	Reconstruction of paleoclimatic variability using multiple proxies from the lake sediments.: Prof. Anil Kumar Gupta, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal.
71136	Late Quaternary Climate Change and Evolution of Lower Cauvery Deltaic Plain, South East India.: Prof. T. Subramani, Anna University.
71138	Chronology of the site Sakas, District Sasaram (Rohtas), Bihar based on the AMS C-14 dating of charcoal and Seeds samples.: Dr. Vikas Kumar Singh, Banaras Hindu University (BHU), Varanasi.
71139	Geoscientific studies of the Saraswati River System Basin.: Prof. A .R. Chaudhri, Centre of Excellence for Research on the Saraswati River, Kurukshetra University, Kurukshetra.
71141	International interlaboratory comparison of 14C samples under GIRI program.: Dr. Pankaj Kumar, Inter-Univ. Accelerator Centre, Aruna Asaf Ali Marg, Vasant Kunj, New Delhi.
71143	Quantification of sediment transportation rate in basalt derived weathering profile of Rajmahal traps.: Dr. Prem Chand Kisku, IUAC New Delhi.
71146	Application of cosmogenic nuclide dating (14C, 10Be and 26Al) in Sikkim Himalayan Region.: Dr. Anil Kumar Misra, Sikkim University, Gangtok Sikkim.

13:00 - 14:00 **BREAK**

Session Chairperson: Prof Sunil Singh

14:00 – 16:00

Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)

- 71150 Reconstruction of regional climate variability from sediment core record of Chilika Lake.:
Dr. Dinesh Kumar Naik, Banaras Hindu University.
- 71154 Holocene Indian Summer Monsoon variability from the central Himalayan lake: A multi-proxy approach.: Dr. Prakasam M., Wadia Institute of Himalayan Geology, Dehradun.
- 71230 Reconstruction of Palaeoclimatic changes from palaeolake deposits of Bhimtal and Bhikiyasain area, Kumaun Himalaya.: Mr. Manmohan Kukreti C/o. Prof. B. S. Kotlia, Kumaun University, Nainital, Uttarakhand.
- 71231 High resolution holocene climatic changes in Himachal Pradesh using lake deposits.:
Ms. Neha Kholia C/o. Prof. B. S. Kotlia, Kumaun University, Tallital, Nainital.
- 71232 Indian Summer Monsoon variability during the Holocene in southern India: Evidence from lacustrine sediments.: Ms. Reshma K V C/o. Dr. Sandeep K, Central University of Kerala.
- 71233 Evolution of the Indian Summer Monsoon during Marine Isotope Stage (MIS) 1 and 2: Inferences from the South-western Bay of Bengal sediments.: Ms. Ammoose K Jayan C/o. Dr. Sijinkumar A V, School of Earth Science Systems, Central University of Kerala, Periyar, Kasaragod.
- 71234 Tectono-Geomorphic and Paleoseismic studies along the foothill zone of Kumaon Himalaya, Central Himalaya, India.: Mr. Mohd Azhar Ansari C/o Prof. Javed N Malik, IIT Kanpur.
- 71235 Study of climate change during the last millennium recorded in selected lakes of NW Himalaya.:
Ms. Pooja Chand C/o. Prof. B. S. Kotlia, Centre of Advanced Study in Geology, Kumaun University, Nainital.
- 71236 Assessment of Carbon Stock and Paleoclimate evidence from the sediment cores of Pichavaram Mangrove Forest.: Mr. Manivannan Natarajan C/o Dr. A . Saravanakumar, Annamalai University, Chidambaram, Tamilnadu.
- 71247 Climate Interpretation from Peat Based Proxy.: Ms. Anchana P C/o. Prof. Debajyoti Paul, IIT Kanpur.

16:00 - 16:15 **BREAK**

Session Chairperson: Prof Sunil Singh

16:15 – 17:30

Session IV: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)

- 71250 Palaeo-geomorphic features and its environment: A geomorphological study of Sai-Ganga Doab.:
Mr. Shashi Shekhar Shukla C/o. Dr. Padmini Pani, Dept. Of Centre for the Study of Regional Development , Jawaharlal Nehru University.
- 71251 Late Quaternary paleoceanographic reconstruction from the Equatorial Indian Ocean: emphasis on Indian Ocean Dipole.: Mr. Brijesh Kumar C/o. Dr. Pawan Govil, Dept. Of Marine Micropalontology lab., Birbal Sahni Institute of Paleosciences (BSIP).
- 71253 Landscape evolution and basin dynamics of the Cauvery Basin, South India: implications on paleoclimate and tectonics.: Ms. AL Fathima C/o Dr. M.Ramkumar, Periyar University.
- 71255 Landscape evolution; paleoenvironmental and paleoclimatic reconstruction of Vaigai River Basin-Tamilnadu, South India.: Ms. Juni K J C/o. Dr. Mu. Ramkumar, Periyar University.
- 71256 Characterization of basin scale landscape development through morphometric analysis- A case study of the Thamirabarani river basin, South India.: Ms. Athira Pramod C/o. Dr. Mu. Ramkumar, Periyar University.
- 71257 Determination of ¹⁰Be concentration in potential Chicxulub ejecta deposits in India, to establish presence of extra-terrestrial components.: Ms. Shania James C/o. Dr. Sajin Kumar K.S, University of Kerala.

TENTATIVE PRESENTATION SCHEDULE
71st ACCELERATOR USERS' WORKSHOP
DECEMBER 16, 2021 (THURSDAY)

(Online Mode Only)

<i>Session Chairperson: Prof Sunil Bajpai</i>	
09:15 – 11:00	<i>Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
71258	Determination of diverse geochemical signatures to establish potential Chicxulub ejecta deposits in India.: Ms. Shania James C/o. Dr. Sajin Kumar K.S, University of Kerala.
71259	Paleoclimate reconstruction from a lacustrine archive in the Ghaghara-Rapti interfluve, Ganga Plains.: Mr. Aqib Jamal Ansari C/o. Prof. Rajiv Sinha, Department of Earth Sciences, Indian Institute of Technology Kanpur.
71263	To determine Paleoclimate and Paleo-ocean circulation in the central Indian ocean using shark teeth and polymetallic nodules.: Mr. Prasoon Shukla C/o. Dr. Sunil Kumar Singh, Geological Oceanography Division, National Institute of Oceanography, Goa.
71264	Isotopic and geochemical study of hydrothermal ridge sediments in Indian Ocean.: Mr. Sayantan De C/o. Prof. Sunil Kumar Singh, CSIR-National Institute of Oceanography (NIO).
71265	Radiocarbon dating of sediment cores from Carvery Delta: A study to understand climate and land use.: Ms. Deepthi N C/o. Dr. K. Balasubramani, School of Earth Sciences, Central University of Tamil Nadu.
71267	Planktonic foraminifera from northeastern Arabian Sea for monsoonal variability and upwelling records during Holocene.: Ms. Sruthy Rose Baby C/o. Dr. Mohan K, Vellore Institute of Technology (VIT).
71268	High resolution of Holocene monsoon record from the Bay of Bengal: from Foraminiferal and stable isotope records.: Ms. Komal Sahadev Shinde C/o. Dr. Mohan K, Vellore Institute of Technology (VIT).
71269	Paleoclimate and Paleo-environmental studies of Corals in the last 1000 years.: Mr. Nikhil Rajeshchandra Singh C/o. Prof. Sunil Kumar Singh, CSIR-National Institute of Oceanography (NIO).
11:00 – 11:15 BREAK	
<i>Session Chairperson: Prof Shikha Varma</i>	
11:15 – 13:00	<i>Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
71358	Application of 14C bomb spike to understand the history of anthropogenic contaminations in Antarctica.: Dr. Punarbasu Chaudhuri, University of Calcutta.
71359	Morphological and chemical properties of biomass burning in different stress conditions in the view of air quality of Northern India.: Dr. Sanjeev Kimothi, Uttaranchal University.
71124	Designing and Study of Light Weight Portable Polymer based Bismuth Tri-iodide Composite Radiation detector for Medical Applications.: Dr Alka Garg, Gargi College, University of Delhi, New Delhi.
71127	Influence of SHI irradiation on high performance metal-insulator-metal capacitor fabricated by oxide based high-k dielectrics for memory applications.: Dr. Vishnu Chauhan, Inter-University Accelerator Centre (IUAC), New Delhi.
71129	Tailoring the thermoelectric properties of CuO and CuS with heavy ion irradiation.: Prof. P. P. Pradyumnan, Univ. of Calicut.
71130	Effect of heavy ion implantation on the thermoelectric properties of Tin Selenides.: Prof. P. P. Pradyumnan, Univ. of Calicut.
71137	Modifying optical absorption characteristics and electronic energy band structure of TiO2 nanostructures through high energy ion beam irradiation.: Prof. Somnath C Roy, IIT Madras.
71140	Exploration of ion beam mediated thermoluminescence of lanthanide doped binary/ternary fluoride nanocrystals prepared via ionic liquids.: Dr. Pushpal Ghosh, Dr. Harisingh Gour Vishwavidyalaya (A Central University), Sagar, Madhya Pradesh.

13:00 - 14:00 BREAK

Session Chairperson: Prof. Ratnesh Gupta

14:00 – 16:00

Session III: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)

71148 Effect of SHI Induced surface defects and structural changes on physicochemical properties of MXene and their composites.: Dr. Subodh Srivastava, Vevekananda Global University, Jaipur.

71151 Inducing magnetism in two dimensional transition metal dichalcogenides via defect engineering using ion beam irradiation.: Dr. Jyoti Ranjan Mohanty, IIT Hyderabad, Kandi, Sangareddy.

71153 Investigation on the Impact of Light and Heavy Ion Irradiation on Structure, Morphology and Electrical Properties of Bi_{0.80}La_{0.20}FeO₃ thin Films.: Dr. Hysen Thomas, Christian College Chengannur, University of Kerala, Alappuzha, Kerala.

71237 Synthesis and characterization of pure and Al Doped Zinc Telluride (ZnTe) thin films for optoelectronic applications.: Mr. Abhishek Prasad C/o. Prof. Rakesh Chand Ramola, H.N.B. Garhwal University Tehri Garhwal.

71239 Reliability study of semiconductor devices for extreme environment applications.: Mr. Darshan M C/o. Prof. A. P. Gnana Prakash, University of Mysore, Mysore, Karnataka.

71240 Defect Induced magnetic ordering in ZnO samples using low energy ion beams (Z=2 to 16):. Mr. Sheshamani Singh C/o. Dr. Neeraj Shukla, NIT Patna.

71243 Synthesis, characterizations and low energy ion beam induced modifications of two-dimensional molybdenum disulfide thin films for device applications.: Ms. Deepika Gupta C/o. Dr. Rajesh Kumar, University School of Basic and Applied Sciences Guru Gobind Singh Indraprastha University (Govt. of NCT of Delhi), New Delhi.

71248 Effect of ion irradiation on structural, morphological, electrical, and magnetic properties of neodymium doped ferrite/polythiophene nanocomposites.: Mr. Amit Joshi C/o. Prof. R. C. Srivastava, G. B. Pant University of Agriculture & Technology, Pantnagar.

71254 Understanding the evolution of bubbles in nano-structured ceramic for nuclear waste form applications.: Mr. Yogendar Singh C/o. Dr. Pawan Kumar Kulriya, School of Physical Sciences, Jawaharlal Nehru University.

16:00 - 16:15 BREAK

Session Chairperson: Prof A P Gnana Prakash

16:15 – 17:30

Session IV: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)

71260 Studies of ion beam irradiation induced mixing effects and fabrication of germanium nanoparticles embedded in high-k dielectric HfO₂.: Mr. Mahesh Teki C/o. Dr. V. Saikiran, GITAM (Deemed to be University).

71262 Development of radiation resistant materials for the advanced nuclear fuels.: Mr. Vivek Kumar C/o. Dr. Pawan Kumar Kulriya, Dept. Of SPS, JNU, New Delhi.

71337 Effect of Swift Heavy Ion irradiation on the structural, electrical and magnetic properties of Ni doped SmFeO₃ multiferroic nano materials.: Prof. Shakeel Khan, Z. H. College of Engg. & Technology, Aligarh Muslim University.

71339 Ion Beam effects on Eco-friendly Biopolymer electrolytes for Supercapacitors applications.: Dr. Amit Saxena, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore.

71340 Unravelling the influence of swift heavy ion irradiation on the electrochemical activity of graphite electrode for application in rechargeable aluminum-metal battery.: Dr. Shyamal Kumar Das, Tezpur University, Assam, Sonitpur.

TENTATIVE PRESENTATION SCHEDULE
71st ACCELERATOR USERS' WORKSHOP
DECEMBER 17, 2021 (FRIDAY)
(Online Mode Only)

<i>Session Chairperson: Prof. Pankaj Srivastava</i>	
09:15 – 11:00	<i>Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
71343	Ion beam induced modification on starch based CaCO₃ nanocomposite hydrogels for convalescent drug delivery system and heavy metal adsorption.: Dr. E. Kayalvizhy, PSGR Krishnammal College for Women, Peelamedu Coimbatore, Tamil Nadu.
71345 / 71335	Swift heavy ion irradiation on Fe₃O₄@ Au Nanocomposite Hydrogels to enhance the catalytic reduction, cytotoxicity and supercapacitors.: Dr. P. Pazhanisamy, Sir theagaraya College (Govt. Aided), Chennai, Tamil Nadu.
71346	Swift heavy ion irradiation mediated reduction of graphene oxide for thermoelectric applications.: Dr. Archana Tiwari, Banaras Hindu University (BHU), Varanasi.
71347	Ion beam induced modifications on piezoelectric response of ZnO-BaSrTiO₃ structures for mechanical energy harvesting.: Dr. Rashi Gupta, JC Bose University of Science and Technology, YMCA, Faridabad.
71348 / 71334 / 71338	Investigations of swift heavy ion irradiation effect on the properties of Na₄MTeO₆ (M=Co, Ni) tellurate compounds.: Dr. Umesh Prakash Gawai, DDSP Arts Commerce and Science College, Erandol, Jalgaon, Maharashtra.
71352	Effect of ion beam irradiation on the electronic properties of the titanium aluminum carbide based Mxene.: Dr. Charu Dwivedi, Doon University, Kedarapuram, Dehradun.
71355	Investigation of ion irradiation effect on the structural, morphological, and electrochemical properties of forsterite nanocomposites for energy storage devices.: Dr. Karthikeyan Balasubramanian, Mepeco Schlenk Engineering College (Autonomous), Sivakasi, Tamilnadu.
71357	Study of Au-Fullerene nanocomposite under low energy ion irradiation.: Dr. Rahul Singhal, MNIT Jaipur, JLN Marg, Malviya Nagar, Jaipur (Rajasthan).
11:00 – 11:15 BREAK	
<i>Session Chairperson: Prof. Shruti Aggarwal</i>	
11:15 – 13:00	<i>Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
71360	An In-depth study of coupled plasmonic systems: An experimental and simulation aspects.: Dr. Madan Singh Chauhan, DDU Gorakhpur University, Gorakhpur.
71363	Synthesis and characterization of thin films for Gas Sensing Application.: Dr. Ashok Jangid, Dayalbagh Educational Institute (Deemed University), Dayalbagh Agra.
71364	Investigation of Irradiation Induced melting of Vortex Lattice In Type-II superconductors.: Dr. Harkirat Singh, NIT Srinagar, Hazratbal, Srinagar, J&K.
71365	Tuning of electrical properties through field effects for manganite based n-n Junctions: Role of Swift Heavy Ion Irradiation.: Prof. Nikesh A. Shah, Saurashtra University, Rajkot, Gujarat.
71367	Ion irradiation induced structural transition and its correlation with thermoelectric properties of Ge-Sb-Te (GST) alloys.: Dr. Yogita, J C Bose University of Science and Technology, YMCA, Faridabad.
71369	Tuning response of Doped-ZnO Nanowires based optical and sensing devices through defect engineering.: Dr. Dilip Kumar Singh, Birla Institute of Technology Mesra, Ranchi, (Jharkhand).
71370	Fabrication and characterization of ion induced graphene quantum dots abetted Field-Effect Transistors (I-GQDs-FETs) for detection of allergen bio-compounds.: Dr. Koteswara Rao Peta, University of Delhi, South Campus, New Delhi.
71372	Cost effective anion exchange polymeric membranes for fuel cell applications : Through swift heavy ion track grafting technique.: Prof. Sunita Rattan, Amity Institute of Applied Sciences, Amity University, Noida (U.P.).

13:00 - 14:00 BREAK

Session Chairperson: Prof. Vivek Kumar Tiwari

14:00 – 16:00

Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)

71374 Tuning the work function of transparent conducting oxides via Ion Implantation technique for Perovskite Solar Cell Devices.: Dr. Dharendra Kumar Chaudhary, Centre for Renewable Energy, Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research Veer Bahadur Singh (V.B.S.) Purvanchal University, Jaunpur, Uttar Pradesh.

71375 Study the impact of Swift heavy ion irradiation and low energy ion implantation on the thin films of Molybdenum disulfide (MoS₂).: Dr. Vinay Kumar, COBS&H, CCSHAU.

71501 To study the ion irradiation effect on the nanocomposites of metal oxides and 2-D (TMDC/Carbon-based) nanomaterials.: Ms. Mahima Sheoran C/o.Prof. Om Prakash Sinha, Amity Institute of Nanotechnology & 71238 (AINT), Amity University(AU), UP, Noida.

71502 Carbon and Helium ions irradiation experiment on MoS₂ Bulk.: Dr. Neeraj Shukla, NIT Patna.

71504 Ion beam induced modification of mixed oxide particle prepared via soft chemical route.: & 71126 Dr. Sandeep Nigam, Bhabha Atomic Research Centre (BARC), Trombay, Mumbai.

71505 Tuning of multiferroic property by ion irradiation in cobalt chromite.: Dr. Anand Yadav, Medi-Caps & 71349 University, Pigdamber, Indore.

71506 Irradiation induced tunability properties in selective P-type delafossites of Opto-Electronic.: & 71350 Dr. Nitu Katariya, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore.

71508 Ion Implantation on solution processed Alq₃/ZnO hybrid thin films for efficient UV photodetector & applications.: Dr. K. Thangaraju, National Institute of Technology (NIT), Warangal, Telangana. 71351

71509 Nano silver impregnated desulphurized coal as a super capacitor electrode obtained via Gamma Ray & Irradiation followed by Silver Ion Implantation.: Prof. K. Jeyasubramanian, Mepco Schlenk Engineering 71356 College, Virudhunagar Dist., Tamilnadu.

71516 Study of Fano-resonance line shape in TiO₂ system by low energy ion beams.: Dr. Pratap Kumar Sahoo, School of Physical Sciences, NISER Bhubanedwar.

16:00 - 16:15 BREAK

Session Chairperson: Prof. Mrinal Kumar Das

16:15 – 17:30

Session IV: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)

71510 Tunable axis Magnetic Sensor- ion beam modification.: Mr. Anmol Mahendra, Victoria Univ. of Wellington, New Zealand.

71511 Investigations on the electrical, optical and structural properties of Swift Heavy Ion (SHI) irradiated & Ga₂O₃ epitaxial layers and fabricated Schottky Barrier Diodes (SBDs).: Dr. Ashish Kumar, 71142 University of Petroleum and Energy Studies Dehradun, Bidholi, Dehradun.

71512 Impact of Ion implantation in Topological Insulator.: Dr. Poonam Rani, IUAC, New Delhi.

71513 Role of composition and metal capping layer on irradiation tolerance of SiOC thin films.: & 71145 Dr. Merry Gupta, Inter-University Accelerator Centre, New Delhi.

71515 Ion beam induced epitaxial crystallization of MgO and MgO/NiO.: Dr. Pratap Kumar Sahoo, School of & 71149 Physical Sciences, NISER Bhubanedwar.

71514 Effect of low energy ion beam and gamma radiation on polymer nanocomposites for potential application as hydrogen storage material.: Dr. (Mrs.) Jalaj Tripathi Devgan, MMH College, Ghaziabad, U.P. Affiliated to CCS University.

TENTATIVE PRESENTATION SCHEDULE
71st ACCELERATOR USERS' WORKSHOP
DECEMBER 18, 2021 (SATURDAY)

(Online Mode Only)

<i>Session Chairperson: Prof. Raghava Varma</i>	
09:15 – 11:00	<i>Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
71517	Ion-beam Irradiation induced modifications in functional properties of Chiral Liquid Crystals and their & applications in fabrication of ultrasensitive chip-based Optical-Sensors.: Dr. Sachin Kumar Singh, DDU Gorakhpur University, Gorakhpur.
71518	Study the influence on the structural and electronic properties of the Graphene irradiated by low energy ion beam of Carbon, Argon, and Silver ions.: Dr. Javid Ali, Jamia Millia Islamia, New Delhi.
71132	Study of spectroscopic properties of 125Ba.: Dr. Chandrani Majumder, Indian Institute of Technology Bombay.
71147	Heavy ion induced nuclear fusion-fission dynamics study and target burn-up estimation below 10 MeV/Nucleon.: Dr. Pankaj Kumar Giri, Jharkhand Raksha Shakti University.
71152	Investigating shears mechanism for three- to five-quasi particle band in 137Pr through lifetime measurement.: Prof. (Mrs.) Pragya Das, Indian Institute of Technology Bombay, Powai, Mumbai.
71241	Gamma ray spectroscopy of neutron deficient Bi & Po nuclei.: Mr. Dhananjaya Sahoo C/o. Dr. Ajay Y. Deo, IIT Roorkee, Roorkee.
71242	Surrogate reactions a tool to study nuclear reactions without using neutrons.: Mr. Aman Sharma C/o. Dr. Ajay Kumar, Banaras Hindu University, Varanasi.
71244	Measurement of fission mass angular correlation for systems with A ~200.: Ms. Vafiya Thaslim T T, C/o. Prof. M. M Musthafa, University of Calicut.
11:00 – 11:15 BREAK	
<i>Session Chairperson: Prof. A.M. Vinodkumar</i>	
11:15 – 13:00	<i>Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
71245	Fusion studies around the coulomb barrier for the medium mass compound nuclei.: Ms. Prameela Kodavandla, C/o. Dr. S. Appannababu, Andhra University.
71249	Simultaneous measurement of Quasi elastic excitation functions for beam-like and target-like particles using HIRA.: Mr. Amar Das C/o. Dr. Kushal Kalita, Gauhati University.
71252	Study of different modes of excitations in Iodine isotopes in mass region A~120.: Ms. Mamta Prajapati C/o. Dr. Somnath Nag, IIT(BHU),Varanasi.
71261	Study of entrance channel effect on shell closure in fission dynamics.: Mr. Punit Dubey C/o. Dr. Ajay Kumar Tyagi, BHU, Varanasi.
71266	Evaporation residue cross section measurement of 16O +170,172Yb reactions forming 186,188Pt compound nuclei.: Ms. Jinu K V C/o. Prof. A.M Vinodkumar, Calicut University.
71336	lifetime measurements in neutron deficient rare earth nuclei with mass A ~ 140.: Prof. Sanjay Kumar Chamoli, Univ. of Delhi, Delhi.
71341	Multiparticle configurations and lifetime measurements in some proton rich nuclei in 160-180 mass regions.: Dr. Samarjit Sihotra, Panjab university, Chandigarh.
71342	Nuclear structure studies in some neutron deficient nuclei in A~100 mass region nuclei.: Dr. Samarjit Sihotra, Panjab university, Chandigarh.

13:00 - 14:00 BREAK

Session Chairperson: Prof. Umesh R. Kadhane

14:00 – 16:00

Session III: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)

71344 Search for coexistence of different shapes and excitation mechanisms in transitional nuclei.:
Dr. Anagha Chakraborty, Siksha Bhavana, Visva- Bharati University, Santiniketan, West Bengal.

71353 Mapping of dissipation and entrance channel effects in heavy ion induced fusion reactions.:
Dr. Ajay Kumar Tyagi, BHU.

71354 Delving into heavy ion interactions using 19F beams near barrier energies.: Dr. Unnati,
Amity University, Uttar Pradesh.

71362 Production and slowing down of fast neutron beam produced using 15-UD Pelletron accelerator and
/ HIRA facility for AD-BNCT investigations at IUAC, Delhi.: Prof. Jiban Jyoti Das, Cotton University,
71368 Guwahati.

71371 Accurate KERMA factor measurements of fast neutrons by kinematic reconstruction using KFNS
/ (Kinematically Focused Neutron Source) at IUAC New Delhi.: Dr. Gansh Ch Wary, Cotton University,
71361 Guwahati Assam.

71373 Systematic study of break-up fusion reactions using light heavy-ion projectiles.: Dr. Mir Hashim Rasool,
Islamic University of Science and Technology (IUST), Awantipora, J&K.

71144 Interaction of Ion beam with Plasma plume for Stripping applications.: Dr. Sarvesh Kumar,
IUAC, New Delhi.

71507 Study of hydrogen migration and bond rearrangement in simple hydrocarbons.: Dr. Jyoti Rajput,
Delhi University, Delhi.

71503 To study the growth and decay of Polycyclic Aromatic Hydrocarbons.: Mr. Aakash Dixit C/o. Jyoti Rajput,
& University of Delhi.
71246