

74th ACCELERATOR USERS' WORKSHOP

JULY 04, 2023 (TUESDAY)

09:00 – 09:15	WELCOME ADDRESS BY DIRECTOR, IUAC FOLLOWED BY REMARKS BY CHAIRMAN, AUC
	<i>Session Chairperson:</i>
09:15 – 11:00	<i>Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
74102	Assessing the Miyake events and bomb pulse 14C using the speleothems.: Dr. Naveen Gandhi, Indian Institute of Tropical Meteorology, Pune.
74109	Absolute dating of archaeological samples from Late Holocene western uplands (Sijua and Barind) of West Bengal.: Dr. Rajat Sanyal, Department of Archaeology, University of Calcutta.
74110	Study of northern Indian lake deposits to infer paleoclimatic history of Indian summer monsoon and its global implications.: Prof. Anil K Gupta, Indian Institute of Technology Kharagpur.
74111	Reconstruction of paleoclimatic records from Kashmir valley using lake and meadows peat sediments.: Dr. Narendra Kumar Meena, Wadia Institute of Himalayan Geology, Dehradun.
74114	Understanding biospheric CO ₂ flux at Sonipat site located in Indo Gangetic Plane (IGP) using atmospheric radiocarbon measurements.: Dr. Ravi Kumar Kunchala, Centre for Atmospheric Science, IIT Delhi.
74116	Analysis of plants and human relationship during Holocene from Indo-Malayan biodiversity hotspot regions in northeast India.: Dr. Sandhya Misra, Birbal Sahni Institute of Palaeosciences.
74121	Dating & delineation of water pollution sources in parts of suburban South Kolkata vis-à-vis groundwater- surface water interactions.: Dr. Aditya Sarkar, Presidency University, Kolkata.
	11:00 – 11:15 BREAK
	<i>Session Chairperson:</i>
11:15 – 13:00	<i>Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)</i>
74123	Elucidating the controls on sedimentary evolution of Andaman Sea using magnetic methods.: Dr. Firoz Badesab, CSIR-National Institute of Oceanography, Goa.
74202	Chronology of Neolithic Pottery of Kashmir-A Radio Carbon Dating Approach.: Mr. Abdul Adil Paray C/o. Dr. Manoj Kumar, AIHC & Archaeology, IGNTU, Amarkantak MP.
74203	Oral Traditions of the Lepchas: An Archaeological enquiry in Sikkim.: Ms. Upasna Chettri C/o. Prof. Sukanya Sharma, Dept of HSS, IIT Guwahati.
74205	Metagenomics based chemolithotrophic microbial profile and rock weathering processes in diverse climate-tectonic spectrum of Garhwal Himalaya.: Mr. Sohan Kumar C/o. Prof. Pradeep Singh, Indian Institute of Technology, Roorkee.
74207	Elemental and Isotopic investigation of the Ganga (Hooghly) River lower basin and its estuary: cycling and transport of petrogenic carbon, REEs and Sr isotopes.: Mr. Rupak Samadder C/o. Dr. Tarun Kumar Dalai, IISER Kolkata.
74211	Reconstruction of style and timing of the glacial fluctuation in the Chandra-Bhaga Basin, Lahaul Himalaya.: Mr. Ganga Sagar Bhagat C/o. Dr. Rakesh Saini, Dr Harisingh Gour Vishwavidyalaya (A Central University), Sagar, Madhya Pradesh.

13:00 - 14:00 BREAK	
Session Chairperson:	
14:00 – 16:00	Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74213	Lake records from Northern and Eastern India and model runs to understand monsoon variability during the last millennium.: Mr. Biswajit Palar C/o. Prof. Anil Kumar Gupta, IIT Kharagpur.
74214	Late Quaternary Landscape Denudation in the Lateritic Badlands of Garbeta, West Bengal.: Mr. Rajarshi Dasgupta C/o. Dr. Priyank Pravin Patel, Presidency University.
74218	Tracing of sediment source-to-sink processes using magnetic mineral approach.: Mr. Nitin Kadam C/o. Dr. Firoz Badesab, Geological Oceanography Division, CSIR National Institute of Oceanography Goa.
74219	Reconstructions of Palaeo and Present Glacial Fluctuations in the Zaskar Basin through Landform Interpretation.: Mr. Shubham Sahu C/o. Dr. Rakesh Saini, Dr Harisingh Gour Vishwavidyalaya (A Central University), Sagar, Madhya Pradesh.
74223	Multi-proxy analysis of sediments from Chilika lake.: Mr. Abhijeet Santra C/o. Prof. Anil Kumar Gupta, IIT Kharagpur.
74224	Weathering processes, Provenance character and climatic manifestations during the late Quaternary from Central Ganga Plain, India.: Mr. Nazakat Ali C/o. Dr. Biswajeet Thakur, Birbal Sahni Institute of Palaeosciences.
74226	Reconstruction of vegetation succession, climate change and human habitation imprints on lacustrine system in the Ganga plain during Holocene-Pleistocene period.: Mr. Mohd Ikram C/o. Dr. Anjali Trivedi, Birbal Sahni Institute of Palaeoscience.
74227	Tectono-geomorphic studies along Taksal Fault, Northwestern Himalaya.: Ms. Poorvi Narayana Pitta C/o. Prof. Javed N Malik, IIT Kanpur.
16:00 - 16:15 BREAK	
Session Chairperson:	
16:15 – 17:45	Session IV: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74228	Paleomonsoonal shifts in the Lower Ganga Plain in the late Holocene: A multi-proxy study using lake sediments.: Ms. Madhurima Paul C/o. Prof. Anil Kumar Gupta, Indian Institute of Technology - Kharagpur.
74229	Continental records of paleoclimate variability from Indian subcontinent during the Holocene.: Ms. Arpita Parhi C/o. Prof. Anil Kumar Gupta, Indian Institute of Technology, Kharagpur.
74230	Tectono-geomorphic evolution of Vaigai River Basin, South India; implications of tectonics and climate.: Ms. Juni K J C/o. Prof. M. Ramkumar, Periyar University.
74232	Modelling Landscape dynamics of Cauvery delta.: Mr. Ramesharavind P C/o. Dr. K. Balasubramani, Central University of Tamil Nadu.
74235	Study of sediment influx in core sediments of Vettar river. Insight for energy dynamics in fluvial process.: Mr. Madhan Raj K C/o. Dr. K. Balasubramani, Central University of Tamil Nadu.
74236	Characterization of basin-scale landscape development through Geological, Geochemical and Geochronological indices: A Case study of Thamirabarani River Basin, Southern India, Tamilnadu.: Ms. Athira Pramod C/o. Prof. M. Ramkumar, Periyar University.
74222	Indian summer monsoon variability during the past ten thousand years.: Ms. Aakanksha Kumari C/o. Dr. Yama Dixit, Center for Atmospheric Sciences, Indian Institute of Technology (IIT) Delhi.

74th ACCELERATOR USERS' WORKSHOP

JULY 05, 2023 (WEDNESDAY)

Session Chairperson:	
09:15 – 11:00	Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74501 & 74306	Ion beam irradiation effects on L-malic acid and Guanidine carbonate based NLO crystals.: Dr. Dr. B. Sivasankari, The Standard Fireworks Rajaratnam College for Women (Autonomous), Sivakasi.
74503	Crystallization of Amorphous Semiconductors thin film under ion irradiation.: Dr. Shiv Poojan Patel, Guru Ghasidas Vishwavidyalaya(GGV), Koni, Bilaspur, (C.G.).
74504	Effect of Titanium Ion Implantation on Co-Cr-Mo Alloy for Bio Medical Applications.: Prof. I. Saravanan, Adhi College of Engineering, Affiliated to Anna University.
74505 & 74106	Tailoring the magnetic properties of Mn ₃ X thin films by ion irradiation.: Dr. Hardeep Kumar, National Institute of Technology Uttarakhand.
74506	The study of the effect of low energy ion beams on some TLD materials.: Prof. Anant Pandey, Sri Venkateswara College, University of Delhi.
74510	Effect of Ion Implantation & Irradiation on Structural, Optical and Electronic Properties of Bismuth Vanadate (BVO).: Ms. KM Shilpa Chauhan, Gurukul Kangri (Deemed to Be) University, Haridwar.
74514	Transition metal implantation in silicon nanowires for spintronics application.: (Copy of 74120): Dr. Arup Samanta, IIT Roorkee.
11:00 – 11:15 BREAK	
Session Chairperson:	
11:15 – 13:00	Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74515	Ion Irradiation Understanding Er(x)SiC(1-x) for advanced fuel technology.: Mr. Umapathy , IIT Delhi, New Delhi.
74511	Influence of Ca, C, N and Ag into 3D printed Ti and Ti alloys with Thin Film Metallic Glasses for bio implants.: Dr. B. Subramanian, CSIR-Central Electrochemical Research Institute, Sivaganga,Tamilnadu.
74512	Influence of Mo ⁺ , Pd ⁺ and Au ⁺ on Electrodeposited Metal/metal oxide thin films for water splitting and corrosion resistance.: Dr. B. Subramanian, CSIR-Central Electrochemical Research Institute, Sivaganga,Tamilnadu.
74513	Beyond Conventional Biosensing: Harnessing Ion Irradiation to Enhance the Electrochemical Activity of Metal Sulfide/Metal Oxide Thin Films for Biosensing Applications.: Dr. B. Subramanian, CSIR-Central Electrochemical Research Institute, Sivaganga, Tamilnadu.
74516	Ion beam induced modification in ZnS/ZnSe and ZnO/ZnS bilayer thin film for optoelectronic applications.: Mr. Naveenkumar K R, University of Petroleum & Energy Studies Dehradun.
74509	Characterization of ECR ion source by measuring plasma instabilities.: Mr. Chandan Thakur, Jawaharlal Nehru University, New Delhi.
74321 & 74508	High Entropy Alloys : Role of ion irradiation on their fabrication process, structures and properties.: Dr. Debasish Datta, Presidency University, Science Block- 2 , Salem.

13:00 - 14:00 BREAK	
Session Chairperson:	
14:00 – 16:00	Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74305 & 74502	Effect of ion beam implantation on the Physio-Chemical Properties of poly(vinylidene fluoride - co - hexafluoro propylene) for Optoelectronic devices.: Dr. S. Jayanthi, The Standard Fireworks Rajaratnam College for Women (Autonomous), Sivakasi.
74302 & 74507	Exploring molecular growth in ion-molecule interactions at low (<150 eV) centre-of-mass energies.: Prof. Jyoti Rajput, University of Delhi.
74103	Mean charge state determination of the projectile ions inside the solid target through the measurement of ionization cross section.: Dr. Debasis Mitra, University of Kalyani.
74107	Study of projectile Z and energy dependence of line resolved M XRP cross sections for some heavy elements by high energy He, Li and B ion impact.: Prof. Sanjiv Puri, Punjabi University, Patiala.
74208	Study of inner-shell ionisation induced by heavy ions.: Ms. Sumana Ghosh C/o. Dr. Debasis Mitra, University of Kalyani.
74327	Study of beam-foil plasma interaction and wakefield phenomena.: Prof. Manish Kumar, Jawaharlal Nehru University, New Delhi.
74108	Ion beam induced luminescence studies of lanthanide doped nanophosphors.: Prof. Ashok K. Ganguli, Indian Institute of Technology Delhi.
74113	Investigations on Mo based metamaterials using swift heavy ions.: Dr. Rajesh V Hariwal, IUAC Delhi.
16:00 - 16:15 BREAK	
Session Chairperson:	
16:15 – 17:00	Session IV: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74117	Effect of SHI Induced defects and structural modification of MXene and their composites for biosensing applications.: Dr. Nutan Sharma, Vivekananda Global University, Jaipur.
74118	Determination of Radiation Induced Single Event Upset in SRAM based FPGA for severe Accident Monitoring Systems of Fast Breeder Reactor.: Dr. Ambuj Tripathi, Inter-University Accelerator Centre.
74122	Investigating the Effect of Ion Irradiation on Structure, Magnetic and Electrical Characteristics of Magnetic Multilayer and its Temperature Dependency.: Dr. Sachin Pathak, UPES Dehradun.

74th ACCELERATOR USERS' WORKSHOP

JULY 06, 2023 (THURSDAY)

Session Chairperson:	
09:15 – 11:00	Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74206	Crystallization of amorphous semiconductors thin film under ion irradiation.: Mr. Topeswar Meher C/o. Dr. Shiv Poojan Patel, Guru Ghasidas Vishwavidyalaya.
74209	Ion Beam Induced Metal to Insulator Transition and Identifying the Structural, Electronic and Transport Disorder of Vanadium Oxides.: Ms. Riya Dawn C/o. Dr. Vijay Raj Singh, Central University of South Bihar.
74210	Effect of Ion Implantation and Irradiation on AB ₂ O ₄ Type Spinel Oxides.: Ms. Aradhana Kumari C/o. Dr. Vijay Raj Singh, Central University of South Bihar.
74212	To study the energy and LET dependence of TL materials for ion beams used in cancer therapy.: Ms. Sayali Sudhir Gadre C/o. Prof. Anant Pandey, Sri Venkateswara College, University of Delhi.
74215	Ion beam induced modification in ZnS/ZnSe and ZnO/ZnS bilayer thin films for optoelectronic applications.: Mr. Naveenkumar K R C/o. Prof. K. Asokan, School of Engineering, University of Petroleum & Energy Studies Dehradun.
74217	Effect of Ion Implantation & Irradiation on Structural, Optical and Electronic Properties of Bismuth Vanadate.: Ms. Km Shilpa Chauhan C/o. Dr. Richa Saini, Gurukul Kangri (Deemed to Be) University, Haridwar.
74220	Improvement in gas sensing performance of WSe ₂ -SnO ₂ heterostructure based gas sensors through swift heavy ion irradiation.: Mr. Aditya Kushwaha C/o. Neeraj Goel, Netaji Subhas University of Technology, New Delhi.
11:00 – 11:15 BREAK	
Session Chairperson:	
11:15 – 13:00	Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74221	Studies on Design, Development and Magnetic Properties of TiFeNiCo- Based Multi- Principal High Entropy Alloys.: Ms. Priyanka Kumari C/o. Dr. Rohit Ranjan Shahi, Central University of South Bihar, Gaya.
74237	Effect of Swift Heavy Ion Irradiation on GaN Epitaxial Layers and Devices.: Mr. Kamal Singh C/o. Dr. Ashish Kumar, UPES, Dehradun.
74240	Beyond Conventional Biosensing: Harnessing Ion Irradiation to Enhance the Electrochemical Activity of Metal Sulfide/Metal Oxide Thin Films for Biosensing Applications.: Ms. Manjubashini D C/o. Dr. B. Subramanian, Electroplating and Metal Finishing Division, AcSIR, CSIR-Central Electrochemical Research Institute, Karaikudi.
74241	Investigation on Transition metal Sulphides based Nanocomposites for Energy Storage Application.: Ms. Baby Sri Pratha G C/o. Dr. Jeyanthinath Mayandi, Madurai Kamaraj University.
74303	Carbon and Proton ion beam dosimetry of energy independent thermoluminescent phosphors.: Dr. Vibha Chopra, DAV College, Katra Sher Singh, Amritsar.
74304	Swift Heavy Ion Induced Starch Based CaCO ₃ Nanocomposite Hydrogels for Drug Delivery System and Heavy Metal Adsorption.: Dr. E. Kayalvizhy, PSGR Krishanammal college for Women Coimbatore, TamilNadu.

13:00 - 14:00 BREAK	
Session Chairperson:	
14:00 – 16:00	Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74307	SHI effect on photosensing properties of doped II-VI metal sulfides thin films.: Dr. Pragati Kumar, Central University of Jammu.
74309	Tailoring Transport and Thermoelectric Properties of Rare-Earth Doped CaMnO ₃ Thin Film.: Dr. Keval Jayantilal Gadani, Indian Institute of Teacher Education (IITE), Ramkrushna Paramhans Vidya Sankul, Gandhinagar, (Gujarat).
74311	Ion beam induced ageing effect in lead free ferroelectrics and its implication on Electro-Caloric Behaviour.: Dr. Sanjay Kumar Upadhyay, HNB Garhwal University (A Central University) Srinagar-Garhwal, Uttarakhand.
74312	Tailoring Giant Photo-electrocatalytic Properties of Carbon Quantum Dots Compositied with Rare-earth Materials using Ion Irradiation Toward Green Energy Production.: Dr. Gunasekaran Venugopal , Central University of Tamil Nadu.
74313 & 74310	Study of ion irradiation-induced disorder in nuclear ceramics for immobilization of radionuclides waste. : Prof. Ranjana Jha, Netaji Subhas University of Technology, Dwarka, Delhi.
74314	Neutron scattering and Dielectric spectroscopy analysis of ion beam irradiated graphene polymer nanocomposites.: Dr. Radha Perumal Ramasamy, Anna University Chennai.
74315	Development of ion irradiated modified MOS based devices via SHI and Low energy ion beams for H ₂ gas sensing applications.: Prof. Narendra Kumar Pandey, University of Lucknow.
74316	Investigating the effect of Swift heavy ion irradiation on rare earth metal oxide polymer Composite: A study of its structural, optical, and electrical properties.: Dr. Sunitha D V, REVA Univetsity, Rukmini Knowledge park, Yelahanka, Bangalore.
16:00 - 16:15 BREAK	
Session Chairperson:	
16:15 – 17:00	Session IV: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74317	Swift heavy ions induced modifications in structural and luminescence properties of hafnia-based nanocrystals.: Dr. Ankush Vij, Central University of Haryana, Mahendergarh.
74318	Understanding the Impact of Swift Heavy Ion (SHI) on Thermoelectric Transport Properties of CaMnO ₃ and Ca ₃ Co ₄ O ₉ Thin Films.: Dr. Dilip Kumar Meena, HNB Garhwal University (A Central University) Srinagar-Garhwal, Uttarakhand.
74319	Ion Beam Irradiation-Induced Modifications in Metal Nanoparticle-Decorated Tungsten Oxide Nanostructures for Improved Electrochromic Performance.: Dr. Chandra Shekhar Pati Tripathi, Banaras Hindu University, Varanasi, (U.P.).

74th ACCELERATOR USERS' WORKSHOP

JULY 07, 2023 (FRIDAY)

Session Chairperson:	
09:15 – 11:00	Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74320	Tuning perpendicular magnetic anisotropy by swift heavy ion irradiation in Cobalt ferrite thin film for spintronics applications.: Dr. Sagar Sen, Maharaja Bhoj Govt PG College Dhar, (M.P.) Indore.
74322	Structural, optical, magnetic and electrical properties of Aluminium and Copper ion irradiated ZnO/PVP nanocomposite.: Dr. S. Srinivasan, Presidency College.
74323	Development of metal assisted semi organic non linear optical crystal and investigation on their response to oxygen, lithium and Nitrogen ion irradiation.: Dr. P. Srinivasan, National Institute of Technology Silchar.
74324	Chrome Tanning Pollutant Driven Intermediate Bandgap Solar Fuel Cells (CTIBS) with Ion Beams.: Dr. T. Logu, G.T.N. Arts College.
74325	Enhancing Gas Sensing Performance: Ion Beam-Assisted Metal-Organic Framework for Advanced Gas Sensors.: Dr. Kailash Baliram Sapnar, Fergusson College Pune.
74326	Effect of Li ³⁺ SHI Irradiation on Graphene Based Ni Substituted ZnO Nano Thin Films for Solar Cell Application.: Dr. H. A. Khawal, Shreeyash College of Engineering and Technology, Aurangabad.
74328	Low Energy Ion irradiation effects on rGO - MoS ₂ Thin Films Grown by Solution Methods.: Dr. Goverdhan Reddy Turpu, Guru Ghasidas Vishwavidyalaya (GGV), Koni, Bilaspur, (C.G.).
11:00 – 11:15 BREAK	
Session Chairperson:	
11:15 – 13:00	Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74329	Effect of controlled defects induced by ion beam irradiation on structure, microstructure, micro-hardness, and corrosion properties of Ni-P-ZrO ₂ and Cu-P-ZrO ₂ nanocomposite coatings.: Dr. Manvendra Singh Khatri, NIT Uttarakhand.
74332	Effects of ion radiation on engineered magnetic bamboo activated carbon for water treatment.: Dr. Yana Bagbi, University of Delhi.
74333	TL/OSL Study of Micro- and Nanophosphors for Dosimetry of Ion Beams.: Prof. Nandkumar Tukaram Mandlik, Fergusson College (Autonomous) Pune.
74239	Swift heavy ion beam as a probe for modifying the microstructure the NiO thin film.: Ms. Simranjeet Kaur C/o. Dr. Kaushik Sen, Indian Institute of Technology Delhi.
74105	Effect of carbon and oxygen ions on GJIC in normal and cancer cells with relevance to mechanism of radio-resistance.: Dr. B N Pandey, RB&HSD, Bhabha Atomic Research Centre, Mumbai.
74115	Understanding the effect of induced cytotoxic of radiation on cancer cells treated with Gold-nanoparticle attached with anti-cancer drug.: Dr. Dhruv Kumar, UPES Dehradun.
74119	Evaluation of Efficacy of High LET Carbon Ion Beam in Combination with Various Sensitizing/Cytotoxic Agents delivered with Nanocarrier to Enhance Apoptosis in Breast Cancer Cells.: Prof. Dalip Singh Mehta, Department of Physics, IIT Delhi.
74308	Understanding the efficacy of hexamine removal from simulated sewage water by low ionizing radiation exposed Micromonospora citrea SRCHD01 and Micrococcus luteus SRCHD02.: Prof. Shaon Ray Chaudhuri, Tripura University.

13:00 - 14:00 BREAK	
Session Chairperson:	
14:00 –16:00	Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74104	Investigation of Octupole correlations in ^{69}Ge .: Dr. Dinesh Negi, Manipal Institute of Technology, Manipal.
74112	Elastic and inelastic scattering for the reaction $^{10}\text{B} + ^{90}\text{Zr}$.: Dr. S. Appannababu, Andhra University.
74204	Spectroscopy and lifetime measurement of excited states in ^{66}Zn AND ^{66}Ga .: Mr. Bharat Kharpuse C/o. Dr. Buddhadev Mukherjee, Visva-Bharati, Santiniketan.
74216	Searching for octupole correlation in ^{68}Zn and ^{70}Ge and its trends in surrounding isotopes.: Mr. Sramana Biswas C/o. Dr. Buddhadev Mukherjee, Associate Professor, Visva-Bharati University.
74225	Search for coexistence of different shapes and excitation mechanisms in transitional nuclei.: Mr. Anirban Basak C/o. Dr. Anagha Chakraborty, Visva-Bharati University.
74231	Fusion and transfer studies in the $^{28}\text{Si}+^{124,126}\text{Te}$ reactions at energies around the Coulomb barrier.: Ms. Varsha KV C/o. Dr. E. Prasad, Central university of Kerala.
74233	Study of reaction dynamics around the Coulomb barrier using a recoil separator.: Ms. Gonika C/o. Prof. Ashok Kumar, Panjab University, Chandigarh.
74234	Investigation of the structural properties of nuclei in $A\sim 70$ mass region.: Mr. Yashraj C/o. Prof. Bivash Ranjan Behera, Panjab University, Chandigarh.
16:00 - 16:15 BREAK	
Session Chairperson:	
16:15 – 17:00	Session IV: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
74238	Disentangling the role of different entrance channels on the transfer reaction mechanism.: Mr. Gobind Ram C/o. Prof. Manoj Kumar Sharma, University of Lucknow, Lunknow.
74330	Systematic Study of Low Energy Break-up Fusion Reactions.: Dr. Raja Nisar Ali, Central University of Kashmir.
74331	Quasi-elastic scattering studies in the $^{30}\text{Si}+^{142,150}\text{Nd}$ reactions at energies around the Coulomb barrier.: Dr. E Prasad, Central University of Kerala.