PRESENTATION SCHEDULE

77 th ACCELERATOR USERS' WORKSHOP DECEMBER 15, 2024 (SUNDAY)

09:00 - 09	9:15 WELCOME ADDRESS BY DIRECTOR, IUAC FOLLOWED BY REMARKS BY CHAIRMAN, AUC
	Session Chairperson:
09:15 – 11	Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
77101	Estimation and Comparative study on Radiocarbon measurements in the environmental samples using AMS and Liquid Scintillation counter (Benzene Synthesis Method).: Dr. Bommadeni Arun, Indira Gandhi Center for Atomic Research, Kalpakkam, Chennai, Tamil Nadu.
77102	Glacial Chronology and Climatic Implications during Local Last Glacial Maxima: A Regional Synthesis of the Western and Eastern Himalayas.: Dr. Suresh Das, IIT Bombay, Maharashtra.
77103	Understanding paleo-oxygenation conditions from the Indian Ocean.: Dr. Thejasino Suokhrie, CSIR-National Institute of Oceanography, Goa, Goa.
77104	Chronology of the glacial lake deposits from the Ladakh Range, NW Trans Himalaya: Insights into late Quaternary climate dynamics.: Dr. Priyanka Joshi, Agharkar Research Institute, Pune, Maharashtra.
77105	AMS C-14 dating of speleothems.: Prof. (Retd.) A.C. Narayana, University of Hyderabad, Telangana.
77107	High-Resolution Paleoenvironmental Reconstruction using sediment cores from the off Kerala region, SW India.: Dr. Prajith A, National Centre for Earth Science Studies, Aakkulam, Thiruvananthapuram, Kerala.

	11:00 – 11:15 BREAK	
	Session Chairperson:	
11:15 – 13	Session II: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)	
77108	Reconstructing the human population history of South Asia using ancient genomics.: Dr. Niraj Rai, Birbal Sahni Institute Of Palaeosciences, Hasanganj, Lucknow, Uttar Pradesh.	
77109	Radiocarbon dating of marine shells associated with anchors and potteries from Indian coasts.: Dr. Harsh Raj, CSIR-NIO, Dona Paula, Goa.	
77110	Spatial Variation in Eolian Sedimentation in the Eastern Arabian Sea during the Holocene.: (Copy of 77106): Dr. M. B. L. Mascarenhas-Pereira, CSIR-NIO, Dona Paula, Goa.	
77111	dating of pigment samples of rock paintings.: Dr. Saleem Shaik, University of Kerala, Kerala.	
77112	Late Quaternary Sedimentation in the Southern Continental Margin of India: Inferring the variations in Indian monsoon, provenance, palaeoproductivity and ocean circulation.: Dr. Suja S , NCESS, Trivandrum, Kerala, Kerala.	
77113	Chronology of the site Sakas, District Sasaram (Rohtas), Bihar based on the AMS C-14 dating of bone samples.: Dr. Vikas Kumar Singh, Banaras Hindu University, Varanasi, Uttar Pradesh.	
77114	Reconstruction of Holocene paleolimnology in Kashmir Valley and Ladakh Region.: Prof. (Emeritus) Hema Achyuthan, CES, Anna University, Chennai, Tamil Nadu.	

	13:00 - 14:00 BREAK
	Session Chairperson:
14:00 – 16:	Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
77118	14C analysis of purified natural and synthetic indigo dye samples to develop a method for determining synthetic indigo adulteration in commercial natural indigo dyesamples.: Dr. Sujata Saxena, ICAR- CIRCOT, Mumbai, Maharashtra.
77119	Radiocarbon Dating for the Climate-Resilient Preservation of Tibetan Buddhist Monasteries in Zanskar, Ladakh.: Mr. Tenzin Choeyang, Studio Nyandak, Himachal Pradesh.
77124	Reconstructing the paleoclimatic condition and landscape evolution of Vaigai River Basin, Tamil Nadu, South India - inference from multi proxy analysis.: Dr. Arun Prasad K, Central University of Tamil Nadu, Tamil Nadu.
77128	Post LGM temperature variability in the western Himalaya.: Dr. Som Dutt, Wadia Institute of Himalayan Geology, Dehradun, Uttarakhand.
77129	Holocene organic matter dynamics and environmental shifts from Lakshadweep Island.: Prof. Javed N malik, Indian Institute of technology, Kanpur, Uttar Pradesh.
77130	26Al/10Be burial dating of Prehistoric Site of Mehtakheri, Central India.: Dr. Neetu, Avadh Girls' Degree College, Lucknow, Uttar Pradesh.
77131	Palaeoseismic events along the MFT in Morni-Nahan sector, NW Himalaya of India.: Dr. Tejpal Singh, CSIR-Central Scientific Instruments Organisation, Chandigarh, Punjab.

	16:00 - 16:15 BREAK
	Session Chairperson:
16:15 – 17	:15 Session IV: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
77133	Holocene land-sea interactions and palaeoenvironmental changes in Great Rann of Kachchh basin, western India.: Dr. Niteshkumar Khonde, Birbal Sahni Institute of Palaeosciences, Lucknow, Uttar Pradesh.
77135	AMS Radiocarbon dating.: Dr. Priyanka Singh Rao, University of Delhi, Delhi.
77201	Reconstruction of past water column variability from the south eastern Arabian Sea.: Ms. Anjali Kumari C/o. Dr.Thejasino Suokhrie, Geological Oceanographic Division, CSIR- NIO, Dona Paula., Goa.
77203	Paleoclimate reconstruction of the Nilgiri Valleys during the Holocene: a multi-proxy approach.: Mr. Ajith Kumar K C/o. Dr. A. Vidyasakar, Department of Geology, Periyar University, Kerala.

77th ACCELERATOR USERS' WORKSHOP DECEMBER 16, 2024 (MONDAY)

	Session Chairperson:
09:15 – 11:0	Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
77206	Pliocene-Pleistocene biotic changes across the Karewa Group of Kashmir:Correlation with climatic and dispersal events.: (Copy of 77205): Mr. Talib Hussain C/o. Prof. Varun Parmar, Department of Geology University of Jammu, Jammu and Kashmir.
77208	Paleoenvironmental Reconstruction Using Quaternary Deposits of East Khasi Hills District, Meghalaya.: Ms. Labli Das C/o. Prof. Devesh Walia, Department of Geology, North-Eastern Hill University Shillong, Meghalaya.
77214	Holocene palaeoenvironmental studies from the Chilika Lagoon based on sedimentary archives.: Mr. Debajyoti De C/o. Prof. Pitambar Pati, Department of Earth Sciences, IIT Roorkee, Uttarakhand.
77217	Paleoflood History of Cauvery River and the Defunct of Ancient Port City-Poompuhar.: Mr. Somasundharam Magalingam C/o. Prof. Selvakumar Radhakrishnan, School of Civil Engineering, Sastra Deemed to Be University, Thirumalaisamudram, Thanjavur, Tamil Nadu.
77219	Changes in sediment provenance in the Laxmi basin, eastern Arabian Sea.: Ms. Manjusha Rohidas Madkaikar C/o. Dr. Pratima Kessarkar, Marine Science, SEOAS, Goa University, Goa.
77227	Geodynamics and environmental status of coastal sedimentary landforms of Cauvery River Delta, Tamil Nadu, Southern India. Mr. Gokul Ram V B C/o. Prof. Ramkumar M, Department Of Geology, Periyar University, Salem, Tamil Nadu.
77229	Chronological Reconstruction of Landscape Evolution and Seismic Events in the Great Rann of Kachchh Using AMS Radiocarbon Dating. Mr. Nayan Kirpashankar Sharma C/o. Prof. Javed N Malik, Department of Earth Sciences, IIT Kanpur, Uttar Pradesh.

	11:00 – 11:15 BREAK	
	Session Chairperson:	
11:15 – 13	Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)	
77231	Study of the Siliceous Microfossil in the marine sediments: Reconstructing Holocene oceanographic and Climatic changes in the Arabian Sea and Bay of Bengal.: Mr. Rahul Khichi C/o. Dr. Suhas S. Shetye, Chemical Oceanography Department, CSIR-NIO/AcSIR, Goa.	
77310	Quantify the Holocene climate dynamics in select glacial valleys in North Sikkim Eastern Himalaya.: Dr. Manasi Debnath, Nagaland University, Nagaland.	
77321	Holocene climate variability and oceanographic shifts in the Southwestern Bay of Bengal: a multi-proxy approach.: Dr. P. Udayaganesan, Alagappa Govt. College (Alagappa University), Alagappa Puram, Tamil Nadu.	
77125	Structural and Lifetime Study of Metastable in Highly Ionized Atoms (Z>25) Relevant to Astrophysics.: Dr. Nissar Ahmad, University of Kashmir, Jammu and Kashmir.	
77218	Wakefield Characterization of Charged particles in beam-foil system.: Ms. Niketan Jakhar C/o. Prof. Manish Kumar, School Of Physical Sciences, JNU, New Delhi, Delhi.	
77511	Fragmentation and dissociative ionization of ammonium chloride salt present in the cometary nuclei.: Dr. Diksha Garg, IUAC, New Delhi, Delhi.	
77134	Study of swift heavy ion (SHI) irradiation impact on the optical properties of metamaterials for quantum sensing applications.: Dr. Rajesh V Hariwal, IUAC, Delhi.	

	13:00 - 14:00 BREAK	
Session Chairperson:		
14:00 – 16:	Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)	
77126 & 77516	Ion Beam-Induced Defect Engineering for High-Density rGO Films as ETL in Perovskite Solar Cells.: Dr. Mamta Shandilya, Shoolini University, Solan, Himachal Pradesh. Surface Modification and In-Depth Analysis of Perovskite Cathode Materials for Enhanced Solid Oxide Fuel Cell (SOFC) Performance by Low-Energy Ion Beam.: Dr. Mamta Shandilya, Shoolini University, Solan, Himachal Pradesh.	
77207 & 77504	Development of high radiation resistance alloys by controlling the chemical composition and structural defects.: Ms. Trishna Verma C/o. Prof. Pawan Kumar Kulriya, School Of Physical Sciences, JNU, New Delhi, Delhi.	
77215 & 77509	Study of effect of Ion Irradiation on the electrical and structural properties of MXene.: Ms. Divya Yadav C/o. Dr. Sarvesh Kumar, Department of Applied Science (Physics), MRIIRS, Faridabad, Haryana.	
77216 & 77510	Direct Z Scheme based WS2/TiO2 and gC3N4/WS2 heterostructures for Hydrogen evolution reaction (HER) investigation.: Ms. Shivani Dangwal C/o. Dr. Himani Sharma, Department of Physics, Doon University, Dehradun, Uttarakhand.	
77225 & 77513	Synthesize and Characterization of bio-ispired nanoparticle for Detection and inhibition of ambient microbial components.: Mr. Mohammad Ikbal C/o. Dr. Ranjit Kumar, Department of Chemistry, Faculty of Science, Dayalbagh Educational Institute, Dayalbagh, Agra, Uttar Pradesh.	
77226 & 77515	Effect of ion irradiation on microstructure and mechanical properties of additively manufactured materials for next-generation nuclear reactor application.: Mr. Pritam Patra C/o. Dr. Sagar Sarkar, Mechanical Engineering Department, Indian Institute of Technology Delhi, Delhi.	
77302 & 77501	Ion Beam Induced Modifications onto the MoS2 Basal Planes: Catalytic Activation for Hydrogen Evolution Reaction.: Dr. Somenath Garai, Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi, Uttar Pradesh.	

	16:00 - 16:15 BREAK	
	Session Chairperson:	
16:15 – 17	Session IV: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)	
77303 & 77502	Beam Induced Modifications onto the MXene planes: Catalytic Activation for COx Reaction Reaction.: Dr. Somenath Garai, Department of Chemistry, Institute of Science, Banaras Hindu University, Varanasi,, Uttar Pradesh.	
77313 & 77505	Study of Effect of Ion Implantation and Gamma Irradiation on the Properties of Piezoelectric Ceramics.: Dr. Chongtham Jiten, Kirori Mal College, University of Delhi, Delhi.	
77316 & 77508	Creation of Silicon Vacancies in Silicon Carbide for Quantum Sensing Applications.: Dr. Harpreet Singh, Guru Nanak Dev University Amritsar, Punjab.	
77319 & 77512	Modifying the Properties of 2D Composite Materials Using Energetic Ion Beams for Electrochemical Sensor for Neurodegenerative Disorders.: Prof. V. S. Vasantha, Madurai Kamaraj University, Tamil Nadu.	

77thACCELERATOR USERS' WORKSHOP DECEMBER 17, 2024 (TUESDAY)

	Session Chairperson:
09:15 – 11	1:00 Session I: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)
77322 & 77518	Development of Engineered Ripple-Patterned Surfaces for Enhanced SERS Detection of Water-Soluble Dyes.: Dr. Tanuj Kumar, Central University of Jammu, Jammu and Kashmir.
77325 & 77519	Ion beam irradiation induced electron spin polarization in 1-dimentional metal oxide (TiO2 and ZrO2) nanorods for enhanced photo-electrocatalytic activity.: Dr. P. Sivakumar, Thiagarajar College of Engineering, Tamil Nadu.
77329 & 77522	Synergetic Impact of Ion-beam Implantation on Physicochemical and Electrochemical Properties of Solid- State Electrolytes for Rechargeable Batteries.: Dr. Amrish K. Panwar, Department of Applied Physics, Delhi Technological University, Delhi.
77503	Irradiation behavior of RAFM steel.: Dr. Poulami Chakraborty, Bhabha Atomic Research Center, Mumbai, Maharashra.
77506	Preparation and Characterization of Junction-Engineered Metal OxideBased Sensor for Gas Sensing Applications.: Dr. Narendra Kumar Pande, University of Lucknow, Uttar Pradesh.
77507	Development of ion implanted standards for quantitative secondary ion mass spectrometry measurements in semiconductors.: Mrs. Deeksha Khandelwal, Inter-University Accelerator Centre, New Delhi, Delhi.
77514	Ion Implantation for Enhancing Surface Charge Density of Triboactive materials: Towards Sustainable Energy Harvesting.: Dr. Santosh Kumar, Regional Institute of Education, Bhopal, Madhya Pradesh.

	11:00 – 11:15 BREAK	
	Session Chairperson:	
11:15 – 13	3:00 Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)	
77517	Ion irradiation effect on gas sensing potential of MoB (Mbenes).: Mr. Abhishek Kumar, Inter-University Accelerator Centre, Delhi.	
77520	Effect of gas mixing on the plasma instabilities in ECR ion source.: Mr. Chandan Thakur, School of Physical Sciences, Jawaharlal Nehru University, New Delhi, Delhi.	
77521	Low energy ion radiation of Nd doped zircon to evaluate its structural stability.: Dr. Yogesh Kumar, BARC, Mumbai, Maharashra.	
77314	The effect of heavy ions irradiation on the PVDF/ M-type Hexaferrite Multiferroic composites.: Dr. Anupinder Singh, Physics Department, Guru Nanak Dev University, Amritsar, Punjab.	
77304	Synthesis of Energy and LET independent Magnesium Silicate Thermo luminescent Phosphor for Clinical Dosimetry.: Dr. Mudasir Ashraf Shah, JNMC, AMU, Aligarh, Uttar Pradesh.	
77306	Effect of SHI Irradiation on the Properties of Single and Composite Multiferroic Thin Films.: Prof. Mohd Ikram, NIT Srinagar, Jammu and Kashmir.	
77308	Synthesis & Characterization of rare earth doped aluminate based phosphors (Y/Gd)AlO3, (Y/Gd)4Al2O9, (Y/Gd)3Al5O12) for luminescence dosimetry and opto- electronics applications.: Dr. Vikas Dubey, North - Eastern Hill University Shillong, Meghalaya.	

	13:00 - 14:00 BREAK	
	Session Chairperson:	
14:00 – 16	Session III: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)	
77312	Development of Ion Beam Engineered BiCuSeO Nanostructured thin films for thermoelectric Device fabrication.: Dr. Manju Bala, Hindu College, University of Delhi, Delhi.	
77315	Impact of SHI Irradiation on Transition Metal oxides/rGO composites for Supercapacitor Applications.: Dr. L. Kungumadevi, Mother Teresa Womens University, Kodaikanal, Tamilnadu.	
77318	Swift Heavy ion irradiated Ni-doped Co3O4/ Reduced Graphene Oxide Nanocomposites for Supercapacitor Applications.: Dr. P. Raji, Mepco Schlenk Engineering College, Sivakasi, Tamil Nadu.	
77323	Defects Enabled Nanostructured ZnO Thin Films by SHI for Photocatalysis Applications to Remove Harmful Dyes from Effluent under Natural Sunlight: Dr. Monoj Kumar Singha, University of Allahabad, Uttar Pradesh.	
77324	Study the Effect of SHI Induced surface modification and structural changes on electrochemical performance of MXene nanosheet and their Hybrid composites.: Dr. Nutan Sharma, Department of Chemistry, Vivekananda Global University, Jaipur, Rajasthan.	
77326	Effect of Ion Beam Irradiation on Structural, Electrical and Magnetic Phase Transitions in Pyrochlore Thin Films.: Dr. Netram Kaurav, Govt. Holkar (Model, Autonomous) Science College, Indore, Madhya Pradesh.	
77327	Swift Heavy Irradiation Effect on Ti1-x-yO2-Alx-Agy (TAA) Nano-Composite Thin Films by Sol-Gel Dip-Coating Technique.: Dr. Suhas R Patil, Dr. Annasaheb G. D. Bendale Mahila Mahavidayalaya Jalgaon, Maharashtra.	

	16:00 - 16:15 BREAK
	Session Chairperson:
16:15 – 1	7:15 Session IV: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)
77223	Stimulus responsive shape memory polymers and their applications.: Ms. Dhana Sai Shree C/o. Prof. Sunita Rattan, Department of Chemistry, Amity Institute of Applied Sciences, Amity University, Noida, Uttar Pradesh.
77136	Formation of Q-silicon and Ion Tracks by Swift Heavy Ion Irradiation.: Dr. Ambuj Tripathi, IUAC, New Delhi, Delhi.
77202	Luminescence studies on rare-earth (Eu, Er, Yb and Tb) doped MRE2O4 [M=Ba, Ca, Sr, Re=Y, Gd, La] phosphor for Display, Safety Applications and Bio-imaging.: Ms. Ovica Manners C/o. Dr. Vikas Dubey, Department of Physics, North-Eastern Hill University Shillong, Meghalaya.
77204	Functionalization & Characterization of Metal Oxide Nanomaterials for Sensing Application.: Ms. Akanksha Srivastava C/o. Prof. Narendra Kumar Pandey, Department of Physics University of Lucknow, Lucknow, Uttar Pradesh.

77th ACCELERATOR USERS' WORKSHOP DECEMBER 18, 2024 (WEDNESDAY)

	Session Chairperson:
09:15 – 1	1:00 Session I: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)
77127	Determination of higher order deformations of atomic nuclei by quasi-elastic scattering.: Dr. Dipika Patel, SVNIT Surat, Gujarat.
77209	Measurement of fusion and transfer cross section for 28Si+64,70Zn system with the HIRA facility.: Ms. Komal C/o. Prof. Bivash Ranjan Behera, Department of Physics, Panjab University, Chandigarh, Punjab.
77210	Investigating Ternary Fission in around Z > 100 region.: Mr. Rishabh Prajapati C/o. Dr. Akhil Jhingan, Nuclear Physics, IUAC, New Delhi, Delhi.
77211	Measurement of mass gated and average neutron multiplicity in the actinide region with the NAND facility.: Ms. Kiran C/o. Prof. Bivash Ranjan Behera, Department of Physics, Panjab University, Chandigarh, Punjab.
77212	Roles of positive Q-value neutron transfer channels and shell closure on fusion dynamics.: Mr. Alankar Singh C/o. Dr. Subir Nath, Department of Nuclear Physics, IUAC, New Delhi, Delhi.
77213	Measurement of Quasi-elastic Barrier Distribution and Transfer Cross Section for 24Mg+58,61Ni Systems.: Mr. Amit C/o. Prof. Bivash Ranjan Behera, Department of Physics, Panjab University, Punjab.
77220	Exploring Chirality and Octupole Correlations in the A ≈ 70 region.: Ms. Khushi Singh C/o. Dr. Tarkeshwar Trivedi, Department of Physics University of Allahabad, Prayagraj, Uttar Pradesh.

	11:00 – 11:15 BREAK		
	Session Chairperson:		
11:15 - 13	Session II: BTR- 1, 2, 3, 4, 5/ BTR- 5 & 1, 2, 3 (10+2 Minutes)		
77224	Fission fragment angular distribution measurements in 28 Si+ 182 W and 30 Si+ 182,184,186 W reactions.: Ms. Ashna C/o. Dr. E. Prasad, Department of Physics, Central University of Kerala, Kerala.		
77228	Investigation of fusion enhancement and shell effects on fusion for neutron-rich systems near the fusion barrier.: Mr. Amritpal Singh C/o. Dr. Varinderjit Singh, Department of Applied Sciences, IKG Punjab Technical University, Punjab, Punjab.		
77235	Spectroscopy and lifetime measurement of excited states in 50V and 51V.: Mr. Shubharthi Maiti C/o. Dr. Buddhadev Mukherjee, Department of Physics, Visva-Bharati, Santiniketan, Birbhum, West Bengal.		
77258	Spectroscopic study of a few 1f7/2 nuclei.: Mr. Habibur Rahaman C/o. Dr. Abhijit Bisoi, Indian Institute Of Engineering Science And Technology Shibpur Howrah, West Bengal.		
77309	Quadrupole Moment Measurements for the Nuclear Structure Investigations.: Dr. Neeraj Bansal, Guru Nanak Dev University, Amritsar, Punjab.		
77311	De-excitation mechanism in 264,266 Sg super heavy nuclei formed in hot fusion reactions.: Dr. Shareef M, National Institute of Technology Calicut, Kerala.		

13:00 - 14:00 BREAK	
	Session Chairperson:
14:00 –16:0	Session III: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)
77115	In vitro evaluation of carbon ion and gamma radiotherapy in combination with cisplatin in gallbladder carcinoma cell line G-415.: Dr. Suresh Kumar Thokchom, Inter-University Accelerator Centre (IUAC), Delhi.
77116	Radiosensitisation of human cancer cell line with silver nano particle (SNP).: Dr. Sourav Ghosh, Inter-University Acceleraator Centre, Delhi.
77117	In-Vitro Modulation of High LET Radiation-Induced DNA Damage and Repair by TLR agonist Mannan Oligosaccharide.: Dr. Damodar Gupta, INMAS, DRDO, Delhi, Delhi.
77120	Effect of Carbon Ion Radio Therapy in combination with cGAS-STING agonist on triple negative breast cancer cell.: Dr. Souren Paul, TERI School of Advance Studies, Delhi.
77121	Investigating the Effects of Convolvulus pluricaulis (Shankhapushpi) Extracts on the Response of MCF-7, MCF-10, and MDA-MB-231 Cell Lines to High Energy Carbon-ion Irradiation.: Dr. Saif Ahmad Khan, Inter University Accelerator Centre (IUAC), Delhi.
77122	Impact of Lithium Ion Beam Irradiation on Phenotypic Variation, Nutritional Composition and Biochemical Parameters in Glycine max (L.) Merr.: Dr. Akshay Talukdar, Indian Agricultural Research Institute, Delhi.
77132	An experimental investigation of the effects of low-dose carbon ion radiation on a healthy human blood sample.: Dr. Avdhesh Kumar Rai, Dr. Bhubaneswar Borooah Cancer Institute, Guwahati, Assam.
77137	Investigating the ability of tardigrades to tolerate lethal ionizing radiations.: Dr. Sandeep M Eswarappa, Indian Institute of Science, Bangalore.

16:00 - 16:15 BREAK			
	Session Chairperson:		
16:15 – 1	7:15 Session IV: BTR- 1, 2, 3, 4, 5/BTR- 5 & 1, 2, 3 (10+2 Minutes)		
77221	A Comparative Analysis of High LET Carbon Ion vs. Low LET Gamma Radiation-Induced Bystander Effects in Human NSCLC A549 Cells with PARP-1 Inhibitors.: Mr. Roni Paul C/o. Dr. Utpal Ghosh, Department Of Biochemistry And Biophysics, University Of Kalyani, West Bengal.		
77222	Exploring the impact of poly-ADP ribosylation on telomere maintenance in human lung cancer cells.: Ms. Rima Das C/o. Dr. Utpal Ghosh, Department Of Biochemistry And Biophysics, University Of Kalyani, West Bengal.		
77232	Modulation of cancer cell death by Anthocyanins: Mechanism based experimental approach.: Ms. Zofa Shireen C/o. Prof. Sanjit Dey, Department of Physiology, University of Calcutta, West Bengal.		
77305	In-Vitro Study on Radiation Sensitization of Nanoparticles in Photon and heavy ion Irradiation of Cancer Cells.: Dr. Mudasir Ashraf Shah, Department of Radiodiagnosis, JNMC, Aligarh Muslim University, Aligarh, Uttar Pradesh.		