

TENTATIVE PRESENTATION SCHEDULE
75th ACCELERATOR USERS' WORKSHOP
DECEMBER 15, 2023 (FRIDAY)

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>
75117	Geochronology of the Amarkantak Plateau using XCAMS for 14C, 10Be, and 26Al Measurements Facilities.: Dr. Manoj Kumar, IGN Tribal University Amarkantak, Madya Pradesh.
75121	Understanding Water Column Changes in the Andaman Sea.: Ms. Rinu Fathima, Junior Research Fellow, CSIR-National Institute of Oceanography, Dona Paula, Goa.
75122	ArcheoChron: Evolution of Pleistocene Landforms in Northern Tamil Nadu Using in situ produced 10Be and 26Al Cosmogenic Radionuclides (CRN): Implications for the Earliest Human Occupation of India.: Prof. Shanti Pappu, Visiting Professor, Krea University, Sri City, Andhra Pradesh.
75124	Landscape and climate evolution of the Great Rann of Kachchh (GRK): Short-term (Holocene) and Long-term (50-100 ka) impact on Human Settlement & Resources.: Dr. V N Prabhakar, IIT Gandhinagar.
75128	Blue carbon sequestration in coastal Sundarbans and Antarctica.: Dr. Supriyo Kumar Das, Presidency University, Kolkata.
75135	Late Holocene climatic and catchment control on the hydrology and paleolimnology of high-altitude lake systems: A multiproxy approach.: Dr. Asaf Mohamad Lone, Indian Institute of Technology Kanpur.
	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>
75136	Reconstructing the paleoclimatic condition and landscape evolution of Vaigai River Basin, Tamilnadu, South India - Inference from multi proxy analysis.: Dr. Arun Prasad K, School of Earth Sciences, Central University of Tamil Nadu, Thiruvavur.
75137	Radiocarbon dating of mangrove sediments to constrain late Holocene mangrove dynamics and paleoenvironmental changes from Lakshadweep Archipelago, Arabian Sea.: Dr. Fousiya AA, Indian Institute of Technology Kanpur.
75207	Use of foraminifera as proxy in demarcation of past Oxygen Minimum Zones (OMZs) off Vishakhapatnam, East Coast of India.: Mr. Akhilesh Agrawal, C/o. Prof. Pradeep K Kathal, Dr. HS Gour Vishwavidyalaya, Sagar, MP.
75212	Permafrost dynamics in the Western Himalaya: A case study from Spiti Basin Himachal Pradesh, India.: Mr. Soumik Das, C/o. Prof. Milap Chand Sharma, Jawaharlal Nehru University, New Delhi.
75213	Development of a liquid scintillation spectrometry based 14C measurement methods to quantify the biogenic component in edible, essential oils, and fuel blends.: Mr. Arya Krishnan K, C/o. Prof. Karunakara N, CARER, Mangalore University.
75216	Monastery, State, and the Hinterland: Study of an Early Medieval Vihara.: Mr. Eshan Harit C/o. Prof. Sukanya Sharma, IIT Guwahati.

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)

- 75221 Characterization of basin scale landscape development through Geological, Geochemical and Geochronological indices of Vaigai River Basin, Tamilnadu; South India; inference from multi proxy analysis. : Ms. Juni K J C/o. Prof. M. Ramkumar, Periyar University, Salem.
- 75225 Tectonics, topography and geomorphic evolution of the Chotangapur Plateau in India.: Mr. Dipankar Roy C/o. Dr. Sujay Bandyopadhyay, Kazi Nazrul University, Asansol, West Bengal.
- 75227 Palaeo-climatic reconstruction and contemporary change analysis of Sonapani Glacier, Chandra Basin, Western Himalaya.: Mr. Chandan Malik C/o. Prof. Milap Chand Sharma, Jawaharlal Nehru University, New Delhi.
- 75326 Archaeological and geological history of Pattanam, an ancient Port City 'Muziris' site in Central Kerala, India.: Dr. Ratheesh Kumar R.T., Cochin University of Science and Technology, School of Marine Sciences, Pallimukku, Kochi.
- 75330 Preserving Heritage Monuments: Analyzing urban pollution impact and mitigation through advanced techniques preserving Heritage Monuments: Analyzing urban pollution Impact and mitigation through advanced techniques.: Dr. Ranjit Kumar, Dayalbagh Educational Institute, Dayalbagh, Agra.
- 75123 Radiocarbon age dating of planktonic foraminifera from Bengal fan sediment. : Dr. Aninda Mazumdar, CSIR-National Institute of Oceanography, Dona Paula, Goa.
- 75139 Study of northern Indian lake deposits to infer paleoclimatic history of Indian summer monsoon and its global implications.: Prof. Anil Kumar Gupta, Indian Institute of Technology Kharagpur.

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)

- 75214 Analysis of human skeletal assemblage from Yokma Kharboo, district Kargil, Jammu and Kashmir. (Copy of 75202): Ms. Sonam Dolma, C/o. Dr. Veena Mushrif Tripathi, Deccan College Post Graduate Research Institute(PGRI), Pune.
- 75233 Estimation of timing and extent of Last Glacial Maxima using CRN exposure dating, Schirmacher Oasis, East Antarctica.: Mr. Waseem Ahmad Baba C/o. Dr. Jitendra Kumar Pattanaik, Central University of Punjab, Bathinda.
- 75141 Meteoric ¹⁰Be measurements from glacial lake sediments, Schrimacher Oasis, East Antarctica.: Dr. Jitendra Kumar Pattanaik, Central University of Punjab, Bathinda.

75th ACCELERATOR USERS' WORKSHOP

DECEMBER 16, 2023 (SATURDAY)

<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>	
75505	To study the effect of gas mixing on the plasma instabilities in ECR ion source.: Mr. Chandan Thakur, Jawaharlal Nehru University, New Delhi.
75508	Tailoring magnetism by Ion Beam Irradiation in Transition Metal Dichalcogenide 2D Semiconductors coupled with ferromagnetic layers for spintronic applications.: Dr. S. Chandramohan, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu.
75510	Structure Engineering of two-dimensional transition metal dichalcogenides via ion beam irradiation for spintronic device applications.: Prof. Jyoti Ranjan Mohanty, Indian Institute of Technology Hyderabad, Telangana.
75513	Studying the effect of ion irradiation on 2D MoS ₂ and Ti ₃ C ₂ T _x heterostructures for designing a superior electrode material.: Mr. Abhishek Kumar, Inter-University Accelerator Centre, New Delhi.
75514	Effect of ion implantation on the properties of Gate Dielectrics for Field Effect Transistors.: Dr. Malay Udeshi, Marwadi University, Rajkot.
75515	Influence of Ar ⁺ , Cr ⁺ and Au ⁺ on Electrodeposited Metal alloy thin film electrodes for water splitting and corrosion resistance applications.: Dr. B. Subramanian, CSIR-Central Electrochemical Research Institute, Karaikudi, Sivaganga, Tamilnadu.
75501 & 75305	Tuning the properties on polymer composites with ion beams for UV Shielding applications.: Dr. S. Jayanthi, The Standard Fireworks Rajaratnam College for Women (Autonomous), Sivakasi, Tamil Nadu.
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>	
75503 & 75316	Transition metal implanted reduced graphene oxide as an electrode material for enhancing electrocatalytic hydrogen evolution.: Dr. Vivek Kumar, Indian Institute of Information Technology Design & Manufacturing, Kancheepuram, Tamil Nadu.
75504 & 75318	Enhancement of electrochemical properties of Nickel Oxide nanorods on low energy argon ion irradiation.: Dr. Satyanarayan Dhal, School of Applied Sciences, Centurion University of Technology and Management, Odisha.
75506 & 75220	Ion beam induced modification in structural and electrical properties of titanium and tantalum oxide based RRAM.: Ms. Disha Yadav C/o. Prof. Devesh Kumar Awasthi, University of Petroleum and Energy Studies (UPES), Bidholi, Dehradun, Uttarakhand.
75507 & 75222	Study of ion induced modifications in structural and electrical properties of titanium and tantalum oxide based RRAM.: Ms. Disha Yadav C/o. Prof. Devesh Kumar Awasthi, University of Petroleum and Energy Studies (UPES), Bidholi, Dehradun, Uttarakhand.
75507 & 75222	Effect of ion implantation & irradiation on structural, optical and electronic properties of Bismuth Vanadate (BVO):. Ms. Km Shilpa Chauhan C/o. Prof. K. Asokan, UPES, Dehradun.
75509 & 75325	Low to high energy phosphorous ion implantation in diamond single crystal.: Dr. Rajanish Nath Tiwari, Mahatma Gandhi Central University, Motihari, Bihar.
75511 & 75140	Tuning structural and magnetic properties of Heusler Alloy Based thin film heterostructures using Ion Beam Irradiation.: Dr. Jaivardhan Sinha, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu.
75512 & 75321	Low energy ion beam induced modifications in borophene quantum dots/TiO ₂ nanocomposites for enhanced photoelectrochemical water splitting application.: Dr. Hareesh K, Manipal, Institute of Technology Bengaluru, Manipal Academy of Higher Education, Bengaluru.
75512 & 75321	Heavy ion and low energy ion beam induced modifications in borophene quantum dots/TiO ₂ nanocomposites for enhanced photoelectrochemical water splitting application.: Dr. Hareesh K, Manipal, Institute of Technology Bengaluru, Manipal Academy of Higher Education, Bengaluru.

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)

- 75502 Study of neutral particle emission from doubly charged hydrocarbon molecules.: Prof. Jyoti Rajput, University of Delhi, Delhi.
- 75130 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.
- 75138 Two-electron-one-photon transition: is it a Doppler free.: Prof. Tapan Nandi, Ramakrishna Mission Vivekananda Educational and Research Institute(RKMVERI), West Bengal.
- 75331 Wakefield generation and acceleration of charged particles in beam-foil system.: Prof. Manish Kumar, Jawaharlal Nehru University, New Delhi.
- 75119 Irradiation induced oxygen vacancy doping in quantum paraelectric SrTiO₃.: Dr. Dinesh K Shukla, UGC-DAE CSR, Indore.
- 75120 Effect of Li³⁺ SHI Irradiation on Graphene Based Ni Substituted ZnO Nano Thin Films for Photocatalytic Application.: Dr. H. A. Khawal, Shreeyash College of Engineering and Technology, Aurangabad.
- 75127 Irradiation of Tin based compounds using Swift heavy ion and energetic neutrons.: Prof. Anchal Srivastava, University of Lucknow.
- 75132 Study of the effect of Silver and Titanium ion beams irradiation on the structural and optical properties of bioactive glass-ceramics.: Prof. R. K. Shukla, University of Lucknow, Lucknow.

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)

- 75133 SHI irradiation-induced effects in AlN/ \bar{i} ²-Ga₂O₃-based devices.: Dr. N Manikanthababu, Texas State University, Texas, USA.
- 75134 Ion Beam Implantation of Two-Dimensional Materials for Third- Generation Solar Cells.: Dr. Om Prakash, HNB Garhwal, (A Central University), Srinagar U.K.
- 75143 Radiation stability study on borosilicate glass-ceramics matrix.: Ms. Ritu Kumari Pilania, Central University of Gujarat.

75th ACCELERATOR USERS' WORKSHOP

DECEMBER 17, 2023 (SUNDAY)

<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>
75201	Synthesis of surface enhanced Raman spectroscopy substrates.: Ms. Akanksha Motla, C/o. Prof. S. Annapoorni, University of Delhi.
75203	Nanostructured corrosion resistant stable superhydrophobic coating for metals.: Mr. Himanshu prasad mamgain C/o. Prof. Rajeev Gupta, UPES, Dehradun, Uttarakhand.
75205	Synthesis and study of electrical and optical properties of V-VI Group Alloys and their photovoltaic application.: Ms. Nargis Fatima Khatoon, C/o. Prof. Mohammand Julfiqar, Jamia Millia Islamia, New Delhi.
75206	Evaluation of degradation mechanism of pharmaceuticals using ionizing radiation: Ms. Manali Dilipbhai Patel, C/o. Dr. Priti J Mehta, Institute of Pharmacy, Nirma University, Ahmedabad, Gujarat.
75210	Synthesis and characterization of nanomaterials for detection of microbial components in ambient environment.: Ms. Arti Bhatnagar, C/o. Dr. Ranjit Kumar, Dayalbagh Educational Institute, Agra.
75211	Structural-photophysical properties correlation of transition metal doped MXene for energy conversion and storage application.: Ms. Akshidha, C/o. Dr. Aman Mahajan, Guru Nanak Dev University, Amritsar.
75226	Defect induced modification in charge transport studies on manganite based thin film devices.: Ms. Urvashi Hirabhai Jambukiya, C/o. Dr. Ashwani D. Joshi, Saurashtra University, Rajkot, Gujarat.
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>
75231	Study of noble metal nanoparticles in carbon matrix under low energy, high energy and gamma irradiation.: Ms. Jyotsna Bhardwaj C/o. Dr. Rahul Singhal, Malaviya National Institute of Technology Jaipur, Rajasthan.
75235	Controlled modification in oxide and nitride semiconducting materials under energetic ion interaction.: Mr. Monu C/o. Dr. Debdulal Kabiraj, Inter-University Accelerator Center, New Delhi.
75303	Enhancement in the efficiency of carbon based nano-sensor for the electrochemical determination of doping steroids.: Dr. Rahul Singhal, MNIT Jaipur, Rajasthan.
75306	Tailoring Hexaferrite magnetic parameter through SHI Irradiation for EV applications.: Prof. Mahavir Singh , Himachal Pradesh University, Shimla.
75307	Enhancement in the sensing properties of O- Chloranil doped PANI polymer complex using Ag 15+ 200 MeV ion irradiation. (Copy of 75302): Dr. D. Prem Anand, St. Xavier's College [Autonomous], Palayamkottai, Tirunelveli, Tamilnadu.
75308	Tailoring magnetic and transport properties of lead free double perovskites with SHI Irradiation for spintronics application.: Dr. Arvind Kumar, School Of Physical Sciences Jawaharlal Nehru University, New Delhi.
75309	Effect of Ag and Ni heavy ion irradiation on cobalt oxide thin film grown by spray pyrolysis method for supercapacitor applications.: Prof. Pramoda Kumara Shetty, Manipal Academy of Higher Education, Manipal Institute of Technology, Manipal.

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)

- 75310 Effect of SHI radiations on the properties of alkali rare-earth sulfate crystals for optoelectronic application.: Dr. Fayaz Ahmad Najar, S.P. College, Cluster University Srinagar, Kashmir.
- 75311 SHI irradiation of metal dichalcogenides nanocomposite thin films electrodes for fabrication of supercapacitors.: Dr. Rajan Walia, University of Allahabad, Prayagraj.
- 75312 Synthesis and Characterization of MgSiO₃ Phosphor for High LET Radiation Dosimetry.: Dr. Mudasir Ashraf Shah, JNMC, Aligarh Muslim University (AMU), Aligarh.
- 75313 Swift Heavy Ion Irradiation induced Giant Photo-electrocatalytic effect of Carbon Quantum Dots composited with Rare-earth materials for improving Clean Green Hydrogen Energy Production.: Dr. Gunasekaran Venugopal, Central University of Tamil Nadu, Neelakudi, Thiruvarur.
- 75314 Swift heavy ion induced starch based CaCO₃ nanocomposite hydrogels for Drug Delivery System and Heavy Metal Adsorption.: Dr. E. Kayalvizhy, PSGR Krishnammal College for Women (Autonomous), Peelamedu Coimbatore.
- 75315 Design and Development of irradiation resistance High Entropy Alloys for Nuclear applications.: Dr. Rohit Ranajn Shahi, Central University of South Bihar.
- 75317 Enhancement of electrochemical properties of Polymer Electrolyte using Ion-Irradiation techniques for application of supercapacitor.: Dr. Manoj Kumar Singh, Rajkiya Engineering College Banda, Uttar Pradesh.
- 75320 Effect of swift heavy ion irradiation on nanostructured ZnO thin films for photocatalysis applications to remove harmful dyes from effluent.: Dr. Monoj Kumar Singha, University of Allahabad, Prayagraj.

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)

- 75322 Tuning the sensing properties of some rare earth based Metal Oxide Nanostructured Biosensors By SHI Irradiations.: Dr. Feroz Ahmad Mir, Baba Ghulam Shah Badshah University(BGSB) University Rajouri, Jammu and Kashmir.
- 75323 Swift heavy ion assisted control of resistive switching in epitaxial ZrO₂ thin films for emerging memories.: Dr. Sandeep Kumar, Motilal Nehru National Institute of Technology Allahabad.
- 75327 Investigations on the Epitaxial Growth and Multiferroic Properties of BiFeO₃-YMnO₃ films for magnetoelectric applications.: Dr. S. Gokul Raj, Pondicherry University.

75th ACCELERATOR USERS' WORKSHOP

DECEMBER 18, 2023 (MONDAY)

<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>
75329	Intermediate Bandgap Engineering in CuGaS ₂ with Ion Beams for PEC Application.: Dr. T. Logu, G.T.N. Arts College, Dindigul, Tamil Nadu.
75333	Ion irradiation effect on upconversion and anti-Stokes processes with f-f transitions for fluorescence intensity ratio tuning and non-contact temperature sensing.: Dr. Abhishek Kumar Soni, Central University of Punjab.
75334	Swift Heavy Ion beam induced modification in Gallium Silicate based Phosphors for Solid State Lighting applications.: Dr. Kusum Rawat, D.D.U. Gorakhpur University, Uttar Pradesh.
75336	Achieving high tunability of charge to spin current interconversion in irradiated 2D spin Hall material/ferromagnet heterostructure.: Dr. Surbhi Gupta, Motilal Nehru National Institute of Technology Allahabad, Prayagraj.
75337	Ion beam Induced defect engineering for thermoelectric applications.: Dr. Ashish Kumar, Central University of Jammu, Rahya Sucheni (bagla), Dist.-Samba, Jammu.
75339	Irradiation influenced resistive switching across Gd _{1-x} Ca _x MnO ₃ Thin Film Devices.: Dr. Keval Jayantilal Gadani, Indian Institute of Teacher Education (IITE), Gandhinagar, Gujarat.
75340	Swift Heavy ion irradiation studies on aligned Organic and Semi organic Nanofibers for NLO applications.: Dr. P. Srinivasan, National Institute of Technology Silchar, Silchar, Assam.
75208	Evaluation of degradation profile of space pharmaceuticals in Ionizing Radiation and its comparison with Photolytic Radiation.: Ms. Anvi Nikhil Naphade, C/o. Dr. Prof. Priti J. Mehta, Nirma University, Ahmedabad, Gujarat.
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>
75129	Exploring new isotopes of Bk.: Dr. H. C. Manjunatha, Bengaluru North University, kolar, karnataka.
75215	Investigation of fission dynamics in heavy-ion induced reactions.: Mr. Avitesh Agrawal, C/o. Dr. Meenu Thakur, Central University of Haryana.
75217	Probing dynamics of break-up fusion process in Heavy Nuclei.: Mr. Mohd. Usman C/o. Dr. Zafrul Hasan, Aligarh Muslim University, Aligarh.
75219	Study of nuclear reaction dynamics using charged particle detectors.: Mr. Mohit Kumar C/o. Prof. Santanu Ghosh, IUAC, New Delhi.
75223	Studies of quasi-elastic scattering and transfer reaction using recoil mass separator.: Ms. Taniya Monjari Sonowal, C/o. Prof. Kushal Kalita, Gauhati University, Guwahati.
75224	To study the impact of entrance channel through fission fragment mass distribution.: Ms. Mahima Upadhyay C/o. Dr. Ajay Kumar Tyagi, Banaras Hindu University, Varanasi.
75228	Study the impact of odd-even nuclei in heavy ion-induced fusion reactions via neutron and charge particle evaporation spectra.: Mr. Utkarsha Mishra, C/o. Dr. Ajay Kumar Tyagi, Banaras Hindu University, Varanasi.
75230	Lifetime measurement for the evidence of magnetic and antimagnetic rotation bands.: Ms. Nandini Patel C/o. Dr. Suresh Kumar, University of Delhi.

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)

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| 75319 | Investigating the reaction dynamics involved in heavy-ion interaction at near barrier energies.: Dr. Unnati, Amity University, Uttar Pradesh. |
| 75324 | Study of reaction dynamics for asymmetric system at near and sub-barrier energies.: Dr. Md. Moin Shaikh, Chanchal College, Chanchal, Malda, West Bengal. |
| 75328 | Measurement of S Process Neutron source strength in AGB Stars by Time Reversal Method.: Prof. Jiban Jyoti Das, Cotton University, Panbazar, Guwahati, Assam. |
| 75229 | Study of band structures from nuclei A~80 mass region.: Mr. Anshul Kumar C/o. Prof. H.P. Sharma, BHU, Varanasi. |
| 75232 | Investigation of band structures of transitional nuclei.: Ms. Ishika Sharma C/o. Prof. H. P. Sharma, Banaras Hindu University, Varanasi. |
| 75234 | Study of collective states of transition nuclei from A~130 Mass Region.: Mr. Mohammad Anser C/o. Prof. H. P. Sharma, BHU, Varanasi. |
| 75338 | Mass gated neutrom multiplicity mesurements on 35Cl-induced and 48Ti-induced reactions. (Copy of 75335): Dr. Mousumi Bhuyan, Rangia College, Rangia, Assam. |