

Details of approval like Runs/Shifts/Samples/UFR Funds/BTA etc. will be communicated by post. User may also refer to their dashboard for details.

Sr No	AUC ID	PI	Title	UFR Status
1	75121	Ms. Rinu Fathima, Junior Research Fellow, CSIR-National Institute of Oceanography, Dona Paula, Goa.	Understanding Water Column Changes in the Andaman Sea	
2	75122	Prof. Shanti Pappu, Visiting Professor, Krea University, Sri City, Andhra Pradesh.	ArcheoChron: Evolution of Pleistocene Landforms in Northern Tamil Nadu Using in situ produced $^{10}\text{Be}$ and $^{26}\text{Al}$ Cosmogenic Radionuclides (CRN):	
3	75123	Dr. Aninda Mazumdar, CSIR-National Institute of Oceanography, Dona Paula, Goa.	Radiocarbon age dating of planktonic foraminifera from Bengal fan sediment.	
4	75124	Dr. V N Prabhakar, IIT Gandhinagar.	Landscape and climate evolution of the Great Rann of Kachchh (GRK): Short-term (Holocene) and Long-term (50-100 ka) impact on Human Settlement &	
5	75128	Dr. Supriyo Kumar Das, Presidency University, Kolkata.	Blue carbon sequestration in coastal Sundarbans and Antarctica	
6	75132	Prof. R. K. Shukla, University of Lucknow, Lucknow.	Study of the effect of Silver and Titanium ion beams irradiation on the structural and optical properties of bioactive glass-ceramics	
7	75133	Dr. N Manikanthababu, Texas State University, Texas, USA.	SHI irradiation-induced effects in $\text{AlN}/\text{I}^2\text{-Ga}_2\text{O}_3$ -based devices	
8	75135	Dr. Aasif Mohamad Lone, Indian Institute of Technology Kanpur.	Late Holocene climatic and catchment control on the hydrology and paleolimnology of high-altitude lake systems: A multiproxy approach	
9	75139	Prof. Anil Kumar Gupta, Indian Institute of Technology Kharagpur.	Study of northern Indian lake deposits to infer paleoclimatic history of Indian summer monsoon and its global implications.	
10	75140	Dr. Jaivardhan Sinha, SRM Institute of Science and Technology, Kattankul, Chengalpattu District, Tamil Nadu.	Tuning structural and magnetic properties of Heusler Alloy based thin film Heterostructures using Ion Beam Irradiation.	
11	75141	Dr. Jitendra Kumar Pattanaik, Central University of Punjab, Bathinda.	Meteoritic $^{10}\text{Be}$ measurements from glacial lake sediments, Schrimacher Oasis, East Antarctica	
12	75206	Ms. Manali Dilipbhai Patel, C/o. Dr. Priti J Mehta, Institute of Pharmacy, Nirma University, Ahmedabad, Gujarat.	Evaluation of degradation mechanism of pharmaceuticals using ionizing radiation	

13	75207	Mr. Akhilesh Agrawal, C/o. Prof. Pradeep K Kathal, Dr. HS Gour Vishwavidyalaya, Sagar, MP.	Use of foraminifera as proxy in demarcation of past Oxygen Minimum Zones (OMZs) off Vishakhapatnam, East Coast of India	
14	75208	Ms. Anvi Nikhil Naphade, C/o. Dr. Prof. Priti J. Mehta, Nirma University, Ahmedabad, Gujarat.	Evaluation of degradation profile of space pharmaceuticals in Ionizing Radiation and its comparison with Photolytic Radiation.	
15	75212	Mr. Soumik Das, C/o. Prof. Milap Chand Sharma, Jawaharlal Nehru University, New Delhi.	Permafrost dynamics in the Western Himalaya: A case study from Spiti Basin Himachal Pradesh, India.	
16	75215	Mr. Avitesh Agrawal, C/o. Dr. Meenu Thakur, Central University of Haryana.	Investigation of fission dynamics in heavy-ion induced reactions	
17	75219	Mr. Mohit Kumar C/o. Prof. Santanu Ghosh, IUAC, New Delhi.	Study of nuclear reaction dynamics using charged particle detectors.	
18	75220	Ms. Disha Yadav C/o. Prof. Devesh Kumar Avasthi, University of Petroleum and Energy Studies (UPES), Bidholi, Dehradun, Uttarakhand.	Study of Ion induced modifications in structural and electrical properties of titanium and tantalum oxide based RRAM.	
19	75221	Ms. Juni K J C/o. Prof. M. Ramkumar, Periyar University, Salem.	Characterization of basin scale landscape development through Geological, Geochemical and Geochronological indices of Vaigai River Basin, Tamilnadu;	
20	75222	Ms. Km Shilpa Chauhan C/o. Prof. K. Asokan, UPES, Dehradun.	Effect of ion implantation & irradiation on structural, optical and electronic properties of Bismuth Vanadate (BVO).	
21	75223	Ms. Taniya Monjari Sonowal, C/o. Prof. Kushal Kalita, Gauhati University, Guwahati.	Studies of quasi-elastic scattering and transfer reaction using recoil mass separator	
22	75224	Ms. Mahima Upadhyay C/o. Dr. Ajay Kumar Tyagi, Banaras Hindu University, Varanasi.	To study the impact of entrance channel through fission fragment mass distribution.	
23	75225	Mr. Dipankar Roy C/o. Dr. Sujay Bandyopadhyay, Kazi Nazrul University, Asansol, West Bengal.	Tectonics, topography and geomorphic evolution of the Chotangapur Plateau in India	
24	75226	Ms. Urvashi Hirabhai Jambukiya, C/o. Dr. Ashvini D. Joshi, Saurashtra University, Rajkot, Gujarat.	Defect induced modification in charge transport studies on manganite based thin film devices	
25	75227	Mr. Chandan Malik C/o. Prof. Milap Chand Sharma, Jawaharlal Nehru University, New Delhi.	Palaeo-climatic reconstruction and contemporary change analysis of Sonapani Glacier, Chandra Basin, Western Himalaya.	
26	75230	Ms. Nandini Patel C/o. Dr. Suresh Kumar, University of Delhi.	Lifetime measurement for the evidence of magnetic and antimagnetic rotation bands.	

27	75232	Ms. Ishika Sharma C/o. Prof. H. P. Sharma, Banaras Hindu University, Varanasi.	Investigation of band structures of transitional nuclei	
28	75235	Mr. Monu C/o. Dr. Debdulal Kabiraj, Inter-University Accelerator Center, New Delhi.	Controlled modification in oxide and nitride semiconducting materials under energetic ion interaction	
29	75303	Dr. Rahul Singhal, MNIT Jaipur, Rajasthan.	Enhancement in the efficiency of carbon based nano-sensor for the electrochemical determination of doping steroids	UFR not approved
30	75305	Dr. S. Jayanthi, The Standard Fireworks Rajaratnam College for Women (Autonomous), Sivakasi, Tamil Nadu.	Tuning the properties on polymer composites with ion beams for UV Shielding applications.	UFR approved
31	75310	Dr. Fayaz Ahmad Najjar, S.P. College, Cluster University Srinagar, Kashmir.	Effect of SHI radiations on the properties of alkali rare-earth sulfate crystals for optoelectronic application	UFR not approved
32	75311	Dr. Rajan Walia, University of Allahabad, Prayagraj.	SHI irradiation of metal dichalcogenides nanocomposite thin films electrodes for fabrication of supercapacitors	UFR approved
33	75314	Dr. E. Kayalvizhy, PSGR Krishnammal College for Women (Autonomous), Peelamedu Coimbatore.	Swift heavy ion induced starch based CaCO <sub>3</sub> nanocomposite hydrogels for Drug Delivery System and Heavy Metal Adsorption.	UFR approved
34	75316	Dr. Vivek Kumar, Indian Institute of Information Technology Design & Manufacturing, Kancheepuram, Tamil Nadu.	Transition metal implanted reduced graphene oxide as an electrode material for enhancing electrocatalytic hydrogen evolution.	UFR not approved
35	75318	Dr. Satyanarayan Dhal, School of Applied Sciences, Centurion University of Technology and Management, Odisha.	electrochemical properties of Nickel Oxide nanorods on low energy nitrogen ion irradiation	UFR not approved
36	75319	Dr. Unnati, Amity University, Uttar Pradesh.	Investigating the reaction dynamics involved in heavy-ion interaction at near barrier energies	UFR not approved
37	75322	Dr. Feroz Ahmad Mir, Baba Ghulam Shah Badshah University(BGSB) University Rajouri, Jammu and Kashmir.	Tuning the sensing properties of some rare earth based Metal Oxide Nanostructured Biosensors By SHI Irradiations.	UFR approved
38	75323	Dr. Sandeep Kumar, Motilal Nehru National Institute of Technology Allahabad.	Swift heavy ion assisted control of resistive switching in epitaxial ZrO <sub>2</sub> thin films for emerging memories.	UFR approved
39	75325	Dr. Rajanish Nath Tiwari, Mahatma Gandhi Central University, Motihari, Bihar.	Low to high energy phosphorous ion implantation in diamond single crystal	UFR approved
40	75328	Prof. Jiban Jyoti Das, Cotton University, Panbazar, Guwahati, Assam.	Measurement of S Process Neutron source strength in AGB Stars by Time Reversal Method.	UFR approved

41	75329	Dr. T. Logu, G.T.N. Arts College, Dindigul, Tamil Nadu.	Intermediate Bandgap Engineering in CuGaS <sub>2</sub> with Ion Beams for PEC Application	UFR not approved
42	75333	Dr. Abhishek Kumar Soni, Central University of Punjab.	Ion irradiation effect on upconversion and anti-Stokes processes with f-f transitions for fluorescence intensity ratio tuning and non-contact temperature sensing	UFR approved
43	75336	Dr. Surbhi Gupta, Motilal Nehru National Institute of Technology Allahabad, Prayagraj .	Achieving high tunability of charge to spin current interconversion in irradiated 2D spin Hall material/ferromagnet heterostructure	UFR approved
44	75339	Dr. Keval Jayantilal Gadani , Indian Institute of Teacher Education (IITE), Gandhinagar, Gujarat.	Irradiation influenced resistive switching across Gd <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> Thin Film Devices	UFR approved
45	75501	Dr. S. Jayanthi, The Standard Fireworks Rajaratnam College for Women (Autonomous), Sivakasi, Tamil Nadu.	Tuning the properties on polymer composites with ion beams for UV Shielding applications	
46	75502	Prof. Jyoti Rajput, University of Delhi, Delhi.	Study of neutral particle emission from doubly charged hydrocarbon molecules	
47	75503	Dr. Vivek Kumar, Indian Institute of Information Technology Design & Manufacturing, Kancheepuram, Tamil Nadu.	Transition metal implanted reduced graphene oxide as an electrode material for enhancing electrocatalytic hydrogen evolution	
48	75504	Dr. Satyanarayan Dhal, School of Applied Sciences, Centurion University of Technology and Management, Odisha.	Enhancement of electrochemical properties of Nickel Oxide nanorods on low energy argon ion irradiation	
49	75506	Ms. Disha Yadav, University of Petroleum and Energy Studies (UPES), Bidholi, Dehradun, Uttarakhand.	Ion beam induced modification in structural and electrical properties of titanium and tantalum oxide based RRAM	
50	75507	Ms. Km Shilpa Chauhan C/o. Prof. K. Asokan, UPES, Dehradun.	Effect of Ion Implantation & Irradiation on Structural, Optical and Electronic Properties of Bismuth Vanadate (BVO)	
51	75508	Dr. S. Chandramohan, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu.	Tailoring magnetism by Ion Beam Irradiation in Transition Metal Dichalcogenide 2D Semiconductors coupled with ferromagnetic layers for spintronic applications.	
52	75509	Dr. Rajanish Nath Tiwari, Mahatma Gandhi Central University, Motihari, Bihar.	Low to high energy phosphorous ion implantation in diamond single crystal	
53	75510	Prof. Jyoti Ranjan Mohanty, Indian Institute of Technology Hyderabad, Telangana.	Structure Engineering of two-dimensional transition metal dichalcogenides via ion beam irradiation for spintronic device applications	
54	75511	Dr. Jaivardhan Sinha, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu.	Tuning structural and magnetic properties of Heusler Alloy Based thin film heterostructures using Ion Beam Irradiation.	

55	75513	Mr. Abhishek Kumar, Inter-University Accelerator Centre, New Delhi.	Studying the effect of ion irradiation on 2D MoS <sub>2</sub> and Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> heterostructures for designing a superior electrode material	
56	75514	Dr. Malay Udeshi, Marwadi University, Rajkot.	Effect of ion implantation on the properties of Gate Dielectrics for Field Effect Transistors.	
57	75515	Dr. B. Subramanian, CSIR-Central Electrochemical Research Institute, Karaikudi, Sivaganga, Tamilnadu.	Influence of Ar <sup>+</sup> , Cr <sup>+</sup> and Au <sup>+</sup> on Electrodeposited Metal alloy thin film electrodes for water splitting and corrosion resistance applications	