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Details of approval like Runs/Shifts/Samples/UFR Funds/BTA etc. will be communicated by post

S No	AUC ID	PI Name	Title	Status
1	78102	Dr. Prasanna Kumar Dikhit	14C of Naara Huda Archaeological Site, Tirimal, Dist- Khurda, Odisha	Approved
2	78103	Dr Syed Umer Latief	Chronology and Climatic Implications of Late Quaternary Glaciations in the Upper Liddar Valley, North West Himalaya, India	Approved
3	78104	Dr. Poonam	Spatio- temporal assessment of denudation rates and sediment provenance: implication to understand surface processes and channel connectivity in upper Ganga catchment	Approved
4	78106	Dr. Virag Gopal Sontakke	Early Iron Age chronology of India: From Ganga to Wainganga	Approved
5	78107	Dr. Deepika Tripathi	Holocene vegetation and climate dynamics in the cold-arid regions of Lahaul-Spiti, Northwest Himalaya	Approved
6	78108	Dr Anjali Trivedi	Quantification of vegetation using pollen in the present and past landscapes of Core Monsoon Zone using a novel approach	Approved
7	78109	Ajab Singh	14C analyses of vertebrate remains from the pre- and post Youngest Toba Tuff ash, Indonesia in the Quaternary alluvial sediments of the Purna basin, Maharashtra, India.	Approved
8	78110	Dr. Ramanand Yadav	Tracing the strength of the Indian Monsoon and associated change in hydrographic condition from the Bay of Bengal during the late Quaternary	Approved
9	78112	Dr. R. Jayangondaperumal	Segmentation of the Main Himalayan Thrust and seismic hazard potential in the NE Himalaya.	Approved
10	78113	Dr. M B Rajani	Dating ancient wood samples from excavations in Patna	Approved
11	78114	Dr Gurumurthy GP	Chemical Weathering and sediment provenance in the northern part of the Bay of Bengal during the late Quaternary	Approved

12	78115	Dr. Prachi Gupta	Documenting Age and Carbon Sequestration of Heritage Trees of Bengaluru	Approved
13	78117	Dr. Sujeet Nayan	C14 dating of charchol samples from Ajatshatru ka Qila maidan/New Rajgriha, Rajgir, Dist-Nalanda, Bihar	Approved
14	78130	Dr. Y. Raghumani Singh	Reconstruction of Paleoflood History Using Accelerator Mass Spectrometry and ICP-MS	Approved
15	78201	Arbaz Pathan, C/O Rabiul Haque Biswas	Establishing post-glacial exposure age and erosion rate of stable moraine boulders using combined 10Be-26Al and rock surface luminescence dating techniques in Jankar Valley, Lahaul Himalaya	Approved
16	78202	Ms. Swetangee Chowdhury C/o. Prof. Subhamita Chaudhuri	Geomorphic Reconstruction of Bidyadhari-Padma Meander Bend Region Near the Chandraketugarh Archaeological Site of Lower Deltaic Bengal	Approved
17	78206	Ms. Vaishnavi Tyagi , C/o. Dr. Resmi M.R	Long-Term Climate Variability and Human Influence on Nal Sarovar Lake in Gujarat, Western India	Approved
18	78207	Ms. Monika Kumaiya C/o. Prof. Javed N Malik	Active Tectonic and Paleoseismic studies along the Foothill zone of NE Himalaya, India.	Approved
19	78208	Ms. Savita Awasthi C/o. Prof. Dhruv Sen Singh	Reconstruction of vegetation succession, climate change and human habitation imprints on lacustrine system in the Ganga plain during Holocene-Pleistocene period	Approved
20	78210	Mr. Takhellambam Lucky Singh C/o. Prof. Y. Raghumani Singh	PALEOCLIMATE RECONSTRUCTION AND DEPOSITIONAL ENVIRONMENT OF THE LATE QUATERNARY SEDIMENTS OF IMPHAL VALLEY, MANIPUR (INDIA): MICROFOSSIL AND GEOCHEMICAL APPROACH	Approved
21	78211	Ms. Gayathri Rajendiran C/o. Dr. Vivek Pandi	Applications of Grass Phytolith as a Proxy for Climate and Vegetation Interpretation in the Western Ghats: A Paleoecological Approach	Approved
22	78212	Mr. Trilochan Kumar C/o. Dr. Ramanand Yadav	Evolution of Indian Monsoon during Holocene: Insights from Northeastern Arabian Sea	Approved
23	78213	Mr. Yumnam Rojit Singh C/o. Dr. Champoungam Panmei	A study of Indian monsoon variability during the Late Quaternary from wetlands/lake sediments of Manipur, NE India	Approved
24	78214	Ms. Chandrima Shaha C/o. Dr. Kaushik Gangopadhyay	Archaeozoological Investigations at the Ancient Settlements of Erenda and Bahiri in Coastal West Bengal, India	Approved

25	78215	Mr. Pranit Bindusar Gajbhiye C/o. Prof. Sumedh K. Humane	HOLOCENE CLIMATE VARIABILITY AND ENVIRONMENTAL CHANGES IN MONSOONAL CORE ZONE: A MULTIPROXY STUDY OF SEDIMENT RECORDS FROM LAKES AROUND KORBA REGION, CHHATTISGARH	Approved
26	78218	Mr. Rohit Agnihotri C/o. Dr. Satheesh C	Reconstruction of Present and Palaeo-Glacial Fluctuations in Alaknanda Basin	Approved
27	78225	Mr. Suhail Ahmad Bhat C/o. Prof. Javed Husain Nurmohmed Malik	Active Tectonic and Paleoseismic study in the Kashmir intermontane basin (Northwestern Himalaya), India	Approved
28	78230	Mukhtar Hasan Ahmad, C/O Prof S A Rashid	Geochemical studies of lake sediments from the Wular Lake, Jammu & Kashmir, India	Approved
29	78232	Ms. Sreechitra S C/o. Dr. K. S. Arunkumar	Multiproxy reconstruction of Holocene paleoenvironments and paleoclimates from the sediment core retrieved from Thrissur-Ponnani Kole wetlands central Kerala India	Approved
30	78238	Ms. Priya Rani Saha C/o. Dr. Manasi Debnath	EVOLUTION OF THE RIVERINE ISLAND, MAJULI, ASSAM, INDIA, AT THE HOLOCENE TIME FRAME	Approved
31	78239	Mr. Saurabh Gupta, C/o. Dr. Som Dutt,	Climate variability and extreme events in the Indian subcontinent since the Last Glacial Maximum	Approved
32	78242	Mr. Sagar Dipak Mahalle, C/o. Dr. Avinash M. Kandekar	Glacier Recessional and Geomorphological Changes in Western and Northern Sikkim Himalaya	Approved
33	78245	Ms. Mansi Swaroop, c/o Dr. Anil K Pokharia; BSIP, Lucknow	Cultural response to mid-late Holocene Climate variability in semi-arid N-W India: An Archaeobotanical approach	Approved
34	78248	Ms. Lakshmi A R, C/o. Prof. Sijin Kumar A V	Paleomonsoon investigations using calcareous fossils from Northern Indian Ocean sediments.	Approved
35	78319	Dr. P. Thambidurai	Indian Monsoonal Variability during the Late Quaternary: Multi-proxy Approach Andaman Speleothems	Approved with UFR Funds
36	78332	Atul Kumar Singh	Estimation of denudation rates along the southern and northern margins of the Shillong Plateau using cosmogenic ¹⁰ Be	Approved without UFR funds
37	78119	Sumesh M. A.	Radiation test on Dosimeter	Approved

38	78120	Ashok Badigannavar	Study on utilizing Li-Ion beam radiation in Sorghum (<i>Sorghum bicolor</i> L.) to improve grain yield and abiotic stress tolerance	Approved
39	78122	Dr. Saneesh nedumbally	Study of heavy ion induced fission in p-actinide region through Mass distribution and Neutron multiplicity measurements	Approved
40	78126	CHRISTOPHER DAVID	Effect of high energy ion irradiation in NC-Ni – A potential material for molten salt reactors	Approved
41	78220	Ms. Aboorvaa L. B C/o. Dr. S. Gokul Raj	SWIFT HEAVY ION (SHI) IRRADIATION EFFECTS ON PURE AND DOPED BISMUTH FERRITE (BiFeO ₃)	Approved
42	78222	Ms. Surya S C/o. Dr. S. Gokul Raj	Ion Beam Irradiation on Nanocrystalline Pure and Rare Earth doped Yttrium Oxide (Y ₂ O ₃) for Luminescent Application	Approved
43	78223	Ms. Mareena Thomas Arakkal C/o. Dr. Gayatri Mohant	Study of induced fission in actinides using prompt fission neutron and gamma	Approved
44	78224	Mr. Sagar Roy C/o. Prof. Moumita Maiti	Study of fission dynamics in odd-Z sub-lead nuclei.	Approved
45	78226	Ms. Surya Lakshmi Pentapati C/o. Dr. V. Saikiran	Swift heavy ion irradiation induced modifications in undoped and metal doped SnO ₂ and their applications in surface enhanced Raman scattering	Approved
46	78228	Ms. Aliya Thasnim H C/o. Dr. Shareef M.	Investigating heavy ion fusion-fission dynamics via mass gated neutron multiplicity measurements.	Approved
47	78236	Ms. Varshini Raju C/o. Dr. (Mrs.) C. S. Sureka	Investigate the radiation induced bystander effect using a novel PDMS microwell array chips	Approved
48	78244	Ms. Karthika V C/o. Dr. Shareef M	Fusion studies in ¹⁹ F + ^{156,157,158} Gd reactions around the Coulomb barrier energy	Approved
49	78246	Ms. Neetu Raj Bharti C/o. Dr. Neeraj Goel	Two-dimensional material for electronic application	Approved
50	78247	Ms. Nancy Garg C/o. Dr. Pushpendra P. Singh	Understanding the interplay of different nuclear reactions in ¹⁰ B+ ¹¹⁶ Sn system from deep sub-to above-barrier energies	Approved

51	78249	Ms. Rupinderjeet Kaur C/o. Dr. Pushpendra P. Singh	Probing Fission Dynamics in the Pre-Actinide Region: Impact of Entrance Channel Parameters and Quasifission Signatures	Approved
52	78253	Mr. Anirban Goswami C/o. Dr. Buddhadev Mukherjee	High-spin Gamma-ray Spectroscopic study of ⁶⁷ Ge, and Lifetime Measurements in ⁶⁴ Ga and ⁶⁷ Ge	Approved
53	78256	Ms. Nikita Rawat C/o. Prof. Sunita Rattan	Modification of Proteins using SHI for film formation	Approved
54	78302	Sinthiya Arockiasamy	Effect of high energy ion irradiation in L-Histidine and Lactic acid impurity added KHP thin film for enhancing third order harmonic generation	Approved with UFR Funds
55	78311	Dr. V. Gunasekaran	Enhancement of Electrocatalytic Properties of SHI treated Carbon Dots (rare-earth metals doped) for an Improved Green Hydrogen Energy Generation	Approved with UFR Funds
56	78312	Mohd Ikram	SHI Irradiation's Impact on Single and Composite Multiferroic Thin Film Properties.	Approved without UFR funds
57	78313	MANOHARA BABU I	DEVELOPMENT OF ELECTROCHEMICAL AND HYBRID PSEUDOCAPACITOR BASED ON SWIFT HEAVY ION BEAM MODIFIED NICKEL COBALT SULFIDE/MULTI-WALLED CARBON NANOTUBES (Ni ₂ Co ₂ S ₂ /MW/CNT) NANOCOMPOSITE	Approved without UFR funds
58	78315	Dr. Pallavi Srivastava	Transcriptomic and Proteomic Analysis of DNA Repair Genes of Human Prostate Cancer Cell line exposed to High LET Radiation	Approved with UFR Funds
59	78335	Dr. Meenu Thakur	Investigation of fusion-fission dynamics of ¹⁹⁷ Bi nucleus through ER- and fission-gated neutrons	Approved with UFR Funds
60	78338	Ajay Singh Dadwal	Influence of Swift Heavy Ions Irradiation on Growth Mechanism and Band Gap Engineering of Novel 2D Transition metal dichalcogenide for Optoelectronic Applications Using Chemical Vapor Deposition (CVD) Technique	Approved without UFR funds
61	78503	DEEKSHA KHANDELWAL	Reducing SOT Switching Current Densities in Pt/Co multilayers with perpendicular magnetic anisotropy via Interface Engineering using Ion Irradiation	Approved
62	78509	Divya Padmanabhan	Improving the performance of polysulfone based composite membranes for water purification through post synthesis ion beam modification	Approved
63	78522	Dr. Ashis Kumar Manna	Defect Engineering in WO _x Thin Films via Low-Energy Ion Implantation for Enhanced Broadband Photodetection Performance	Approved

64	78529	Dr. Neeraj Goel	Surface and Defect Engineering of PdSe ₂ and PtSe ₂ by Low- Energy Ion Bombardment for Gas Sensing application	Approved
65	78533	R. Mythili	Radiation response of Advanced Fast Breeder reactor structural materials	Approved
66	78216 & 78505	Mr Saidulu Banothu C/O SVS Nageaswara rao	Ion beam studies of SiC and GaN based devices	Approved
67	78217 & 78506	Ms Aparna Bharatha C/O SVS Nageaswara rao	Development of Resistive Random access memory based Radiation Sensors	Approved
68	78229 & 78511	Sakshi Tyagi C/O K Ashokan	Engineering of WS ₂ /WO ₃ Heterostructures for the Fabrication of Advanced Photodetector Devices	Approved
69	78231 & 78515	Nidhi Khare	Fabrication of Ga ₂ O ₃ heterostructure based UV Photodetector by using ion beam for tuning the structural, optical, and electrical properties.	Approved
70	78234 & 78530	Mr. Nilesh Kumar Prasad C/o. Dr. Satya Prakash Pati	Development of lead-free, single-phase magnetoelectric multiferroic ceramics for straintronic applications	Approved
71	78237 & 78520	Ms. Krina A. Ramani	ION IMPLANTATION ASSISTED MODIFICATIONS IN MULTIFUNCTIONAL PROPERTIES OF FLEXIBLE MULTIFERROICS	Approved
72	78307 & 78504	Dr. P. SIVAKUMAR	Enhanced Photoelectrocatalysis of Anodes in Alkaline Electrolyzers via Ion Beam Irradiation for Green Hydrogen Production	Approved with UFR Funds
73	78309 & 78507	PRANATI NAYAK	Surface Engineering of MXene by Ion-beam Irradiation: Enabling its Properties for Electrochemical Applications	Approved without UFR funds
74	78331 & 78527	Laxmi Dhanaraju Varma Sangani	Exploring 2D Material-Based Field effect transistors (FETs) for Space-Grade Electronics through Ion Irradiation	Approved without UFR funds
75	78501 & 78301	Preeti Manjari Mishra	Understanding the evolution of organic matters in space by studying proton collision induced dissociation dynamics and kinetics in alkanes	Approved without UFR funds
76	78508 & 78314	Dr . SUDHEENDRAN KOORIYATTIL	Ion Implantation-Induced Modulation of Ferroelectric and Optical Properties in Aurivillius Phase Bi ₃ FeTi ₃ O ₁₅ (BFTO) Thin Films	Approved without UFR funds

77	78521 & 78128	Umesh Kadhane	Swift proton induced dissociation dynamics of astronomically significant PANHs	Approved
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