# **BEAM TIMES SANCTIONED DURING AUC-69**

#### **BTR-1: FRESH PROPOSALS**

S.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
No.	Drof Lloma Achyuthan	140 AMC Dating
1.	Prof. Hema Achyuthan	14C AMS Dating.
	Institute for Ocean Management, Anna	
	University, Sardar Patel Road, Chennai-600025	
	Phone No.: 04422300108, 9382849662	
2.	hachyuthan@yahoo.com Dr. RJG Perumal	Cultural transformation from Microlithic to Iron as
Ζ.	Associate Professor,	gleaned from Keeladi Excavation,
	on-lien from WIHG,	Tamil Nadu, South India: A geo-archeological
	Central University of Tamil Nadu	perspectives to understand the Paleoclimate.
	(CUTN) Thiruvarur-610005,	perspectives to understand the rateooninate.
	Tamil Nadu, Phone No.: 9412052171	
	ramperu.jayan@gmail.com	
3.	Dr. R Jayangondaperumal	Development of Paleo-earthquake History in the
0.	Associate Professor (Scientist 'E'), (On Lien,	western part of Central Seismic Gap along the
	WIHG), Department of Geology, School of Earth	Himalayan Frontal Thrust (HFT), Kumaun
	Sciences, Central University of Tamil Nadu,	Himalaya: Multi-Dating Approach.
	Neelakudi, Thiruvarur-610005, Tamil Nadu	
	Phone No.: 9412052171	
	ramperu.jayan@gmail.com	
4.	Ms. Priyanka Joshi	Chronology of the glacial lake deposits from the
	Women Scientist,	Ladakh Range, NW Trans Himalaya: Implications
	Birbal Sahni Institute of Palaeosciences, 53,	to palaeoclimate during the late Quaternary.
	University Road, Luknow,	
	Phone No.: 7754933257	
	priyankajoshigeology@gmail.com	
5.	Dr. Debarati Nag	Millennial to century scale climatic variations since
	Research Associate,	Last Glacial Maxima in Ladakh, Trans-Himalaya
	Birbal Sahni Institute of Palaeosciences, 53	India.
	University Road, Lucknow-226007	
	Phone No.: 8240946463	
6	debannn@gmail.com	Late Helesone reconstruction of the Indian
6.	Prof. Anil Kumar Gupta	Late Holocene reconstruction of the Indian
	IIT Kharagpur, Kharagpur, West Bengal 721302 Phone No.: 9434021903	Summer Monsoon using multiproxy records from the lake sediments.
	anilg@gg.iitkgp.ac.in	נווב ומתב שבעוווובוונש.
7.	Prof. Sukanya Sharma	AMS dating of the Archaeological sites of
1.	Department of Humanities and Social Sciences,	Digaru-Kolong river.
	Indian Institute of Technology Guwahati,	
	Guwahati, Assam, Pin Code: 781039	
	Phone No.: 03612582559, 9435042200	
	sukanya@iitg.ac.in	

8.	Dr. Vinita Grover Gupta SO/G, Chemistry Division, Bhabha Atomic Research Centre, Mumbai- 400085 Phone No.: 9619640169 vinita@barc.gov.in	Effect of structure and mixed phases on radiation stability of composite ceramics for nuclear applications.
9.	Prof. Anil Kumar Gupta, Department of Geology & Geophysics, IIT Kharagpur, Kharagpur – 721302 Phone No.: 03222283368, 9434021903 anilgupta021160@gmail.com	Study of Lake sediments to understand sub-decadal to multidecadal changes in the monsoon during the Late Holocene.
10.	Ms. Priyanka Singh JRF-BSRS, BSIP, BHU, 53, University Road, Lucknow-226007 Phone No.: 7704094682 priyankaasingh10may@gmail.com	Comparison of luminescence and radiocarbon ages of trans- Himalayan palaeo-lake sediments (Ladakh).
11.	Dr. Abhishek Yadav INSPIRE Faculty, Department of Physics, Jamia Millia Islamia, New Delhi, Phone No.: 8368743061 abhishekyadav117@gmail.com	Simultaneous measurement of elastic, inelastic, transfer events to understand the reaction mechanism.
12.	Prof. B. S. Kotlia UGC Scientist and Professor, Department of Geology, Kumaun University, Nainital, Uttarakhand, Phone No.: 05942-239314, 9411196744 bahadur.kotlia@gmail.com	Climate of the Indian Himalaya for the last 20,000 years using multifold Proxies.
13.	Dr. Ratnesh Kumar Pandey Assistant Professor- Senior Scale, UPES, Dehradun-248007 Phone No.: 9452657611 rpandey@ddn.upes.ac.in	Study on dependence of Radiation Damage on grain size of WC with relevance to Fusion Reactor.

### **BTR-2: THESIS PROPOSALS**

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
	Ms. Pavneet Kaur C\o. Dr. Moumita Maiti, Associate Professor, Department of Physics, IIT Roorkee, Roorkee- 247667, Uttarakhand Phone No.: 1332285454, 7579200711 moumita.maiti@ph.iitr.ac.in	Study of fission fragment mass distribution of lead-island isotopes in heavy- ion induced fusion-fission reactions.

15.	Ms. Jeya P C\o. Dr. Kungumadevi L, Assistant Professor, Department of Physics, Mother Teresa Women's University Attuvampatty, Kodaikanal, Tamilnadu, Phone No.: 9446332851 jeya@cmscollege.ac.in	Effect of ion irradiation on PbS nanocrystalline thin films with cationic dopants for thermoelectric application.
16.	Mr. Nilesh Joshi C/o. Dr. Sandeep Nigam, Scientific Officer (G), Chemistry Division, BARC, Mumbai, Phone No.: 2225590287, 9820765961 snigam@barc.gov.in	Probing intricacies of structure property correlation: Explorations of mixed oxides for energy application through coherent experimental and theoretical investigations.
17.	Ms. Archana Singh Research Scholar, C/o. Devojit Bezbaruah Department of Applied Geology, Dibrugarh University, Dibrugarh-786004, Assam Phone No.: 8638022535 itsarchana.singh456@gmail.com	Estimation of ages and upliftment rate by Carbon dating in the Quaternary deposits of Sub-Himalaya and piedmont zone in the parts of Lakhimpur and Papumpare district of Assam and Arunachal Pradesh.
18.	Ms. Puneeta Tripathi Research Scholar C\o. Dr. Pravin Kumar, IUAC, New Delhi-110067 Phone No.: 8542018060 punitatripathi1@gmail.com	Study of gas mixing & anomalous effect in ECR plasma and measurement of absolute intensity in contaminated beams (Tentative).
19.	Mr. Sreelakshmy K J Ph. D. Scholar, C/o. Dr. S. Kumaragurubaran, Associate Professor, Indian Institute of Science Education and Research (IISER), Thiruvananthapuram, Vithura, Maruthamala P.O., Trivandrum – 695551, Phone No.: 9496736764 sreelakshmykj@gmail.com	Study of metal- Ga2O3 Schottky and Ohmic contacts and interface characteristics for efficient power electronic devices.
20.	Mr. Ramakrishna Reddy Syamakuri C/o. Dr. S. Appannababu Swami Jnanananda Laboratories for Nuclear Research Nuclear Physics Department, Andhra University,Visakhapatnam-530003 Phone No.: 9502591293 ramakrishna.rs2020@gmail.com	Study of different modes of fission in the Uranium compound nuclei.
21.	Mr. Raghav Aggarwal Research Scholar, C\o. Prof. Bivash Ranjan Behera, Department of Physics, Panjab University, Sector 14, Chandigarh-160014 Phone No.: 8847261238, 8847261238 aggarwalraghav252@gmail.com	Study of neutron multiplicity and mass distribution measurements in Pb region with NAND facility.

22.	Mr. Rohit Sharma Ph.D Scholar, C/o. Prof. (Dr.) Om Prakash Sinha Deputy Director, Amity Institute of Nanotechnology, Amity University, Uttar Pradesh, <i>#</i> 503, J-2, 5th Floor, Sector-125, Express Highway, NOIDA-201303 (U.P.) Phone No.: 307874300 rhtsharma376@gmail.com	To study the ion irradiation effect on the Layered Transition Metal Dichalcogenides (L-TMD) based fet devices.
23.	Mr. Deepak Negi Ph.D. Research Scholar, C/o. Dr. Srinivasa Rao Nelamarri Assistant Professor, Department of Physics, Malaviya National Institute of Technology Jaipur, J L N Marg, Jaipur-302017, Rajasthan Phone No.: 8954358721 deepakn075@gmail.com	Tuning the structural and optical properties of MgTiO3 thin films.
24.	Mr. Shahid Ahmad Dar C/o. Dr. Sami Ullah Bhat, Sr. Assistant Professor, Environmental Science, University of Kashmir, Department of Environmental Science, University of Kashmir Phone No.: 9596013427 samiullahbhat11@gmail.com	Assessment of radiocarbon chronology of wetland sediments during recent past in Kashmir Himalaya, India.
25.	Ms. Rozina Rahaman C\o. Dr. Abhijit Bisoi, Assistant Professor, Dept. of Physics, IIEST Shibpur, Shibpur, Howrah, Pin Code-711103 Phone No.: 9830629051 abijitbisoi@gmail.com	Spectroscopic study of a few 1f7/2 Mn Isotopes.
26.	Mr. Raghav Aggarwal Research Scholar, C\o. Prof. Bivash Ranjan Behera Department of Physics, Panjab University, Sector 14, Chandigarh-160014 Phone No.: 8847261238, 8847261238 aggarwalraghav252@gmail.com	Study of neutron multiplicity and mass distribution measurements in Pb region with NAND facility.
27.	Mr. Mayur Khan Ph.D. Scholar (JRF), C\o. Dr. Ambuj Tripathi, IUAC, New Delhi-110067 Phone No.: 7042526411 khanmayur253@gmail.com	Band gap engineering in 2D Transition Metal Dichalcogenide (2D-TMD) and Ion beam assisted substitutional doping.
28.	Ms. Yamuna Sali A S C\o. Dr. Anish Kumar Warrier, Associate Professor of Geology and Coordinator, Manipal Academy of Higher Education, Department of Civil	Holocene records of paleoenvironmental variability archived in the lake sediments of southern India.

	Engineering / Department of Sciences, Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal-576104 Phone No.: 9673772815, 9673772815 anish.warrier@manipal.edu	
29.	Mr. Praveen Gothwal Ph.D Scholar, C/o. Dr. Bhawana Joshi, Assistant Professor, Deptt. of Physics, School of Applied Sciences Gautam Buddha University, Greater NOIDA, Gautam Budh Nagar, U.P. Pin-201308 Phone No.: 7531058399 gothwalpraveen99@gmail.com	Study of Ion Beam effect on the properties of Yttrium stabilized zirconia.
30.	Mr. Dinesh Vishwakarma C\o. Prof. Samit kr. Mandal, Room no171, Dept. of Physics and Astrophysics, University of Delhi-110007 Phone No.: 9868789924, 9582068428 s.mandal.du@gmail.com	Investigation of nuclear Structure effect on Reaction Dynamics for 30Si+116, 120,124Sn around the Coulomb barrierSnSi.

# BTR-3: UFR PROPOSALS

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
31.	Dr. Rashi Nathawat Assistant Professor, Department of Physics, Manipal University Jaipur,, Dehmi Kalan, Near GVK Toll Plaza, Jaipur-Ajmer Expressway, Jaipur, Rajasthan, Phone No.: 1413999100, 9833857570 rashi.nathawat@jaipur.manipal.edu	SHI irradiated Organic-Inorganic hybrid composite for ultra sensitive and selective gas sensing application.
32.	Dr. Aman Mahajan Assistant Professor, Department of Physics, Guru Nanak Dev University, Amritsar-143005, Punjab Phone No.: 9417932547, 9417932547 aman.phy@gndu.ac.in	Transitional metal implanted MXenes for developing highly stable perovskite solar cells under ambient conditions.
33.	Dr. Shiv Poojan Patel Assistant Professor, Department of Pure & Applied Phy., Guru Ghasidas Vishwavidyalaya (A Central Univ.), Koni, Bilaspur-495 009, Chhattisgarh, Phone No.: 9340081988, 9479246120, shivpoojanbhola@gmail.com	Ion beam assisted metal induced crystallization of a-semiconductors.

24	Dref A. D. Onene Drekesk	Deliability about a financia devices devices for
34.	Prof. A. P. Gnana Prakash	Reliability study of semiconductor devices for
	Department of Studies in Physics,	extreme environment applications.
	University of Mysore, Manasagangotri,	
	Mysore - 570006	
	Phone No.: 2419606, 9590583920	
	gnanaprakash@physics.uni-mysore.ac.in	
35.	Prof. Daniel Thangadurai	Photophysical and electrochemical properties
	Professor and Head,	transformation of Doped and Undoped graphene
	Sri Ramakrishna Engineering College,	quantum dots by swift heavy ion irradiation.
	Department of Nanoscience and Technology,	
	Coimbatore-641022	
	Phone No.: 2461588, 8940015441	
	danielt@srec.ac.in	
36.	Prof. Hema Achyuthan	Late Quaternary-Holocene paleohydrology and
	Institute for Ocean Management,	paleoenvironments of Lakes in Sikkim Himalayas.
	Anna University, Chennai 600025	
	Phone No.: 9382849662	
	Hachyuthan@yahoo.com	
37.	Dr. Anup Kumar Nath	Studies on swift heavy ion induced modifications
	Assistant Professor,	in 2-D layered nanosheets for energy harvesting
	Dept. of Physics,	applications.
	Cotton University, Panbazar,	
	Guwahati, Assam-781001	
	Phone No.: 8473084970	
	anup.tu@gmail.com	
38.	Dr. Jnanendra Upadhyay	Engineering conducting polymer/rGO/metal oxide
	Assistant Professor,	based ternary nanocomposite by swift heavy ion
	Dakshin Kmarup College, Gauhati University,	irradiation for supercapacitor application.
	Assam, Mirza, Kamrup,	
	Phone No.: 9101276356, 9101276356	
	jnanendra2015@gmail.com	
39.	Dr. Praveen Kumar,	Swift heavy ion irradiation on plasmonic metal
	Assistant Professor, Department of Physics,	sulfide heterostructures for optoelectronic
	DAV University, Sarmastpur, Jalandhar-144012,	Applications.
	Punjab, Phone No.: 9501825252	
	prafiziks@gmail.com	
40.	Dr. Dharmendra Singh	Role of projectile deformation on incomplete fusion
	Head & Associate Professor,	dynamics at energy above the coulomb barrier.
	Department of Physics,	aynamios at energy above the obtionis barrier.
	Central University of Jharkhand,	
	Ratu Lohardaga Road, Brambe, Ranchi-835	
	205, Jharkhand	
	dsinghcuj@gmail.com	
11	Phone No.: 8809323825	Microstructurelly opering and a second statistics
41.	Prof. C. Sekar	Microstructurally engineered nanocrystalline
	Dept. of Bioelectronics and Biosensors,	calcium phosphates for biosensing applications.
	Alagappa University, Karaikudi-630003, TN,	
	Phone No.: 0456522336, 9442563637	
1	sekar2025@gmail.com	

42.	Prof. Tinku Basu, Director, Amity University, Uttar Pradesh, Sector 125, Noida, Uttar Pradesh. 4392510, Phone No.: 9810303946 tbasu@amity.edu	Role of low energy ion beams in catalytic degradation of antibiotics in Pharmaceutical waste water using Metal organic Frameworks.
43.	Dr. Vinod Singh Associate Professor, Department of Applied Physics, Science Block, Delhi Technological University, Shahbad Daulatpur, Bawana Road, Delhi-110042 Phone No.: 9811701225 vinodsingh@dtu.ac.in	Effect of ion irradiation on structural, optical and gas-sensing properties of the nanostructured MoS2.
44.	Dr. Neelabh Srivastava Assistant Professor, Department of Physics, Mahatma Gandhi Central University, Motihari (Bihar), Chanakya Parisar, Zila School Campus, Phone No.: 6392192675 neelabh@mgcub.ac.in	Interfacial coupling and defect mediated exchange bias in Cobalt based Huesler alloy thin film heterostructures for Spintronics: Structural, magnetic and spin-dependent transport study.
45.	Dr. Yogita Assistant Professor, Department of Physics, J C Bose University of Science and Technology, YMCA, Faridabad, Mathura Road, Phone No.: 9910046111 ybatraiuac@gmail.com	Ion irradiation induced defect engineering and its correlation with transport and thermoelectric properties of CZTS based thin films.
46.	Dr. Dinesh P. Sankar Reddy Associate Professor, Department of Chemical Engineering, National Institute of Technology Andhra Pradesh, Tadepalligudem, WG District-534101 Phone No.: 0949146198 pdsreddy@nitandhra.ac.in	Development of Nanocontrast agents for Cancer detection and investigations on the effect of SHI on the dual modal imaging characteristics.
47.	Dr. R. Arun Kumar Assistant Professor Grade I, Department of Physics, School of Sciences, National Institute of Technology Andhra Pradesh, Tadepalligudem, West Godavari Dt., Andhra Pradesh. Phone No.: 8870745464 arunkumar@nitandhra.ac.in	Development of Novel Thermoluminescent and Photoluminescent nanomaterials and Investigations on Their Response to C and Ag ions Irradiation.
48.	Dr. S. Krishnaveni Associate professor, University of Mysore, DoS in Physics, University of Mysore, Manasagangotri, Mysuru-06 Phone No.: 0984402356 sk@physics.uni-mysore.ac.in	Studies on ion irradiation effects on the properties of 4H-SiC/Pd Schottky UV Photodetector.

49.	Dr. Satyabrata Mohapatra Assistant Professor, University School of Basic and Applied Sciences, Guru Gobind Singh Indraprastha University, Sector 16C, Dwarka, New Delhi-110078 Phone No.: 25302429, 9910562090 smiuac@gmail.com	Study of effects of swift heavy ion irradiation on the structural, optical and photocatalytic properties of CeO2-Graphene and CeO2-ZnO nanocomposite thin films.
50.	Prof. Devaraj Nataraj Department of Physics, Bharathiar University, Phone No.: 2428447, 9994734020 de.natraj2011@gmail.com	Growth of 'n' and 'p' Doped energy band opened coupled graphene quantum solid sheets by ion implantation method: An alternation material for the development of graphene based optoelectronic devices.
51.	Prof. Mahendra D. Shirsat RUSA Centre for Advanced Sensor Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.), Phone No.: 0240240329, 9422291987 mdshirsat@gmail.com	Composite of Metal Organic Frameworks / reduce graphene oxide by Swift Heavy Ion irradiation enhance selectivity and sensitivity for sensing application.
52.	Dr. Manvendra Kumar Assistant Professor, Department of Physics, Institute of Science, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Ujjain Road, Indore-453111 Phone No.: 8840294610 kmanav@gmail.com	Tuning Interfacial properties of Spin-Orbit torques systems by ion beam.
53.	Dr. Abida HOD, Asistant Professor, Kashmir University, Anantnag, Govt. Degree Collage for Women Anantnag Kashmir, Phone No.: 9419095975, 9622600908 abida.nit@gmail.com	Irradiation of thin films of doped transition metal oxides.
54.	Dr. Piyush S. Solanki Assistant Professor, Department of Physics, Saurashtra University, Phone No.: 9327088608 piyush.physics@gmail.com	Role of swift heavy ion irradiation in device characteristics of manganite based thin films.
55.	Dr. Amit Kumar Mishra Assistant Professor, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, New Delhi-67 Phone No.: 9205201653 amit.mishra.jnu@gmail.com	Source apportionment of carbonaceous particulate matters in ambient air of Delhi using radiocarbon measurements.
56.	Dr. Punita Verma Associate Professor, Department of Physics, East Patel Nagar, Delhi-110008 Phone No.: 8800650576 drpunitaverma.nature@gmail.com	X-Ray based investigation of Super-Heavy systems in quasi-adiabatic regime.

# BTR-4: ONGOING PROPOSALS

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
	Ms. Kumari Nisha, Senior Research Fellow, CSIR- National Institute of Oceanography, Goa, SAS-28, NIO colony, Dona Paula, Goa, Phone No.: 8322450206, 9326068809 nisha.121kumari@gmail.com	Ventilation of the Northern Indian Ocean during the last glacial-interglacial cycle.

# BTR-5: LOW ENERGY ION BEAM FACILITY

S. No.	PRINCIPAL INVESTIGATOR	TITLE OF THE PROJECT
58.	Dr. S. Srinivasan Assistant Professor, Presidency College, Chepauk, Chennai, Phone No.: 9884766203 dr_s_srinivasan@yahoo.com	Enhancing thermoelectric performance of ZnO thin film using implantation with low energy ion beams.
59.	Ms. Jeya P. Assistant Professor, Department of Physics, CMS college, MG University, Kottayam, Kerala-686001 Phone No.: 9446322851, 9446332851 jeya@cmscollege.ac.in	Effect of ion irradiation on PbS nanocrystalline thin films with cationic dopants for thermoelectric application.
60.	Prof. Durga Basak School of Physical Sciences, Indian Association for the Cultivation of Science, 2A & 2B Raja SC Mullick Road, Jadavpur, Kolkata-700032, Phone No.: 9433008508 sspdb@iacs.res.in	Study on the effect of Ti implantation on the structural, electrical, and optical properties of ZnO thin Films.
61.	Dr. (Mrs.) Ritu Srivastava Senior Principal Scientist, Adavance Materials And Devices Metrology Division, CSIR- National Physical Laboratory, New Delhi-110012 Phone No.: 9868378711 ritu@nplindia.org	Study of the structural, optical and electrical properties of carrier transport layers for optoelectronic devices.
62.	Dr. Sandeep Nigam Scientific Officer (G), Chemistry Division, BARC, Mumbai, Phone No.: 2225590287, 9820765961 snigam@barc.gov.in	Probing intricacies of structure property correlation: Explorations of mixed oxides for energy application through coherent experimental and theoretical investigations.
63.	Ms. Puneeta Tripathi Research Scholar, IUAC, New Delhi. Phone No.: 8542018060 punitatripathi1@gmail.com	Study of gas mixing & anomalous effect in ECR plasma and measurement of absolute intensity in contaminated beams(Tentative).

64.	Dr. Yogita Assistant Professor, J C Bose University of Science and Technology,	Ion irradiation induced defect engineering and its correlation with transport and thermoelectric properties of CZTS based thin films.
	YMCA, Mathura Road, Faridabad. Phone No.: 9910046111 ybatraiuac@gmail.com	
65.	Dr. Senoy Thomas Assistant Professor, Department of Physics, Cochin University of Science and Technology, Kochi - 682 022, Kerala, Phone No.: 9645826550 senoy.thomas@cusat.ac.in	Realization of hard magnetic iron nitride thin films via low energy ion Implantation.
66.	Mr. Ambuj Mishra Scientist-C, Lab 101, TEM Facility, IUAC, New Delhi- 110067 Phone No.: 8285226558 ambujiuac@gmail.com	Study on the structural changes in carbon strippers due to defects produced by the ion beams.
67.	Dr. Jyoti Rajput Assistant Professor, Room No 96, Department of Physics and Astrophysics, University of Delhi, North Campus, Phone No.: 9891164262 jrajput.du@gmail.com	Study of dissociation dynamics of Acetylene.
68.	Dr. Vinita G. Gupta, SO/G, Chemistry Division, Bhabha Atomic Research Centre, Mumbai-400085 Phone No.: 25592274, 0961964016 vinita@barc.gov.in	Radiation damage in borosilicate glasses for nuclear back end Application.
69.	Prof. S. Narayana Kalkura, Professor- UGC BSR Faculty Fellow, Crystal Growth Centre, Anna University, Chennai-25 Phone No.: 9444784963 kalkura@gmail.com	Low energy ions implanted polymer- ceramic composite for tissue engineering and drug delivery applications.
70.	Dr. Manmohan Singh Shishodia Assistant Professor, Department of Applied Physics, SoVSAS, Gautam Buddha University, Greater Noida, Pin Code-201312, Uttar Pradesh Phone No.: 9560512424 manmohan@gbu.ac.in	Theoretical and Experimental Studies of Swift Heavy Ion Sculpted Graphene Nanopores Embedded with Plasmonic Nanoparticles for Developing Efficient Biosensors.
71.	Prof. Om Prakash Sinha Acting Director, Amity Institute of Nanotechnology, CSIR-NPL Colony, Rajender Place, New Delhi, Phone No.: 9999625243 opsinha@amity.edu.in	To study the irradiation effect on the layered transition metal dichalcogenides (L-TMD) characterization and investigation of their properties for field effect transistor.

72.	Mr. Mayur Khan Ph.D. Scholar (JRF), IUAC New Delhi-110067 Phone No.: 7042526411, 7042526411 khanmayur253@gmail.com	Band gap engineering in 2D Transition Metal Dichalcogenide (2D-TMD) and Ion beam assisted substitutional Doping.
73.	Dr. Ratnesh Pandey Assistant Professor-Senior Scale, UPES, Energy Acres, Bidholi, via, Prem Nagar, Dehradun, Uttarakhand-248007 Phone No.: 9452657611, 9452657611 rpandey@ddn.upes.ac.in	Study on dependence of Radiation Damage on grain size of WC with relevance to Fusion Reactor.
74.	Mr. Praveen Gothwal Ph.D Scholar, Gautam Buddha University, Govind Vihar, Behind T.V. Tower, Kotputli, Jaipur, Rajasthan. Phone No.: 7531058399 gothwalpraveen99@gmail.com	Study of Ion Beam effect on properties of Yttrium stabilized Zirconia.