

BARC Training School, HRDD, Mumbai

Following candidates have opted research projects in BARC, IGCAR, IPR under DDFS-2021

S. N.	Name of DDFS Fellow	Research Topic	Guide	CI
1	Shri Anil Bhimrao Penurkar	Numerical simulation and experimental study of statistical scatter and effect of thickness on glass mechanical properties and its relation with fracture toughness	Dr Kamal Sharma/ Dr. J. Chattopadhyay	BARC, Mumbai
2	Shri Arijit Das	Enhancing oxidation resistance and mechanical properties of refractory multi principal element alloy (MPEA) for high temperature applications	Prof. Sanjib Majumdar/ Dr. Bhaskar Paul;	BARC, Mumbai
3	Shri Pankaj Kumar Sharma	Study of effect of high temperature molten glass environment on fracture resistance behaviour of alloy690 vessels of vitrification melters	Dr. M.K. Samal/ Dr. J. Chattopadhyay	BARC, Mumbai
4	Shri Anchit Maheshwari	Study on heat transfer behaviour of fuel bundles of advanced nuclear reactors under extreme events by external vessel cooling	Dr. A.K. Nayak	BARC, Mumbai
5	Ms. Honey Rakesh Gupta	Development of thermo-mechanical processing routes for advanced high strength steels to achieve improved strength and ductility	Prof. Rajeev Kapoor	BARC, Mumbai
6	Shri Lagudu Yerrinaidu	Studies on novel (Ln,Sr)(Co,Fe)O _{3-d} and Ln ₂ NiO _{4+d} based electrode materials for hydrogen production by Solid Oxide Electrolysis Cell (SOEC)	Prof. Deep Prakash/ Prof. Pankaj Kumar Patro	BARC, Mumbai
7	Shri Anshuman Sharma	Experimental and computational studies on hydrodynamics in air pulsed columns having different types of internals	Dr. K.K. Singh/ Dr. P.S. Sarkar	BARC, Mumbai
8	Shri Anshuman	Kinetics of 3-D graphene growth by chemical vapour deposition and modelling for membrane application	Dr. Kinshuk Dasgupta/ Dr. Soumitra Kar	BARC, Mumbai

9	Shri Arkabrata Dattaroy	Design and development of compact pulsed plasma thruster for space applications.	Dr. Rishi Verma	BARC, Vizag
10	Shri Anurendra Singh	Development of Aging Effects Models for Probabilistic Safety Assessment of NPPs	Prof. Gopika Vinod	BARC, Mumbai
11	Shri Obaid Siddiqui	Investigation of solid state welding technique VFAW and MPW for joining of dissimilar materials	Dr. Surender Kumar Sharma	BARC, Vizag
12	Shri Subir Kumar Parida	Learning based Face Recognition from Video for Surveillance	Dr. Soumitra Kar	BARC, Mumbai
13	Shri Vineet Kumar	Development of Experimental set-up for the measurement of Heat flux by Inverse Heat conduction method	Dr. Paritosh Chaudhuri	IPR, Gandhinagar
14	Shri Shivam Jaiswal	Developmental study of an instrumented beam dump to characterize individual beamlets of a fusion grade particle beam.	Dr. Mainak Bandyopadhyay	IPR, Gandhinagar
15	Shri Abhishek Saxena	Studies on formation of medical radioisotopes using 14 MeV neutron generator	Dr. Rajesh	IPR, Gandhinagar
16	Shri Krishna kumar yadav	Design and Development of Wire Arc Additive Manufacturing Based Process for Austenitic Stainless Steels Parts of Fast Breeder Reactor	Dr. Chitta Ranjan Das	IGCAR, Kalpakkam
17	Shri Ravi Shankar	Development of Technology to Hybridize Additive Manufacturing with Conventional Deformation	Dr. Diptimayee Samantaray/ Dr. C. P. Paul	IGCAR, Kalpakkam
18	Shri MuNukuti venkataramana	Uniaxial and Biaxial Creep Behavior of IFAC-1 SS and T91 Clad Tubes of Sodium Cooled Fast Reactors	Dr. G.V. Prasad Reddy	IGCAR, Kalpakkam
19	Shri Gadhavajhala Sri Sai Samhitha	Synthesis and Characterization of Boron Based Coatings on Steels	Dr. R. Mythili	IGCAR, Kalpakkam

The following candidates didn't attend the counselling/ didn't find the research project of their interest

SN	Name	Candidate's Response
1	Shri Satyam Jha	Didn't attend counselling
2	Shri Kurre Jai Sai Kiran Reddy	Didn't attend counselling
3	Shri Sudipta Pany	Didn't attend counselling
4	Ms. Sariga Sachit	Didn't attend counselling
5	Ms.Nanda Rani	Attended the counselling but didn't find the research topic of her interest
6	Shri Srijan Kumar	Didn't attend counselling
7	Shri Mallipudi Ganesh Kumar	Didn't attend counselling
8	Shri Sachin S B	Didn't attend counselling
9	Shri Harshit Yadav	Didn't attend counselling
10	Shri Harsh Chandrakar	Didn't attend counselling
11	Shri Sourav Maji	Didn't attend counselling