3.1.6 Percentage of Departments with UGC-SAP, CAS, DST-FIST, DBT, ICSSR and other recognitions by National and International agencies

Name of the Scheme/Project/ Endowments/ Chairs	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Department	Year of Award	Funds provided (INR in lakhs)	Duration of the project	
Materials and Manufacturing technologies for Nuclear Fuel Cycle Applications	Prof. A. K. Bhaduri	IGCAR	Government	Engineering Sciences	2014-2015	1440.00	5 years	IGCAR
Utilization of physical, chemical and engineering facilities at UGC-DAE CSR, Kalpakkam	Prof. G. Amarendra	IGCAR	Government	Physical Sciences	2014-2015	1900.00	5 years	IGCAR
Enhancement of Security Services at DAE Complex, Kalpakkam	Prof. B.K. Panigrahi	IGCAR	Government	Physical Sciences	2015-2016	7100.00	5 years	IGCAR
Establishment of infrastructure facilities at Chennai phase-II	Prof. A. K. Bhaduri	IGCAR	Government	Engineering Sciences	2015-2016	5380.00	4 years	IGCAR
Design and synthesis of organophosphorus ionophores as molecular sensors for f-metal ions recognition and extraction ability	Dr C V S Brahmananda Rao	BRNS	Govt.	Chemical Sciences	2015-2016	28.00	3 years	IGCAR
Design and synthesis of organophosphorus ionophores as molecular sensors for f-metal ions recognition and extraction ability	Dr S K Ashok Kumar	BRNS	Govt.	Chemical Sciences	2015-2016	28.00	3 years	IGCAR
DAE-Scientific Research Council's-Outstanding Investigator (DAE-SRC-OI) Award Project. Title: Room Temperature Ionic Liquids for Advanced Appliations in Nuclear Fuel Cycle.	Dr. K A Venkatesan (PI)	BRNS	Government	Chemical Sciences	2016-2017	115.00	5 years	IGCAR
Development of analytical & mass spectrometric methods to ascertain U-isotopic ratios along Tamilnadu coast	Dr. T. S. Lakshmi Narasimhan	BRNS	Govt.	Chemical Sciences	2017-	21.00	2 years	IGCAR
Enhancement of medical facilities at Anupuram and Kalpakkam hospitals	Prof. A. K. Bhaduri	IGCAR	Government	Engineering Sciences	2017-2018	4290.00	4 Years	IGCAR
High Temperature Materials and Manufacturing Technologies for Advanced Ultra Super-Critical Power Plants	Prof. A. K. Bhaduri	IGCAR	Government	Engineering Sciences	2017-2018	23400.00	3 Years	IGCAR
Electron Accelerator Based Photo-neutron Sodium Gamma Facility for FBR Shield Design Experiments	Prof. A. K. Bhaduri	IGCAR	Government	Engineering Sciences	2017-2018	5000.00	3 Years	IGCAR
Generation of Haigh Diagram for Alloy 617M for the Indian Advanced Ultra Supercritical Power Plant	Dr. A. Nagesha	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	404.98	2 Years	IGCAR
Creep-Fatigue Interaction behaviour of Alloy 625	Dr. A. Nagesha	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	377.94	2 Years	IGCAR
Generation of Creep Data of AUSC rotor and casing materials	Dr. G. V. Prasad Reddy	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	235.07	2 Years	IGCAR
Microstructural characterisation of mechanically tested 304HCuSS, Alloy 617M and Alloy 625	Dr. Arup Dasgupta	Dept. Of Heavy Industries, Govt. Of India	Government	Physical Sciences	2017-2018	450.57	2 Years	IGCAR
Study of microstructure of similar and dissimilar welds of Alloy 617M, 304HCu SS, Alloy 625 and 10Cr-1Mo Ferritic Steel during mechanical testing and aging	Dr. R. Mythili	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	451.25	2 Years	IGCAR
Texture and Micro-texture analysis on finished tubes of 304HCu SS and Alloy 617M and their similar and dissimilar welds	Dr. Arup Dasgupta and Dr. R. Mythili	Dept. Of Heavy Industries, Govt. Of India	Government	Physical Sciences	2017-2018	446.97	2 Years	IGCAR
Evaluation of Creep crack growth (CCG) for IN 625 Cast material	Dr. A. Moitra	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	413.29	2 Years	IGCAR
Evaluation of Creep crack growth (CCG) for SS304HCu Weld material	Dr. A. Moitra	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	387.59	2 Years	IGCAR
Evaluation of Creep crack growth (CCG) behaviour for Alloy 617 Forgings	Dr. A. Moitra, Shri Yatindra Kumar and Shri M. Nanibabu	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	444.16	2 Years	IGCAR
Evaluation of Creep crack growth (CCG) behaviour for 10Cr-Alloy617 weld joint	Dr. A. Moitra and Shri S. Athimoolakrishnan	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	309.16	2 Years	IGCAR
Evaluation of Fracture and Fatigue crack growth (FCG) for SS304HCu Weld material	Dr. A. Moitra	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	444.55	2 Years	IGCAR

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Fireside Corrosion Behaviour of 304HCu and Alloy 617M in simulated Indian coal fired AUSC boiler condition	Dr. S. Ningshen	Dept. Of Heavy Industries, Govt. Of India	Government	Chemical Sciences	2017-2018	103.85	2 Years	IGCAR
Generation of creep data for Alloy 617M forge (of 800 mm diameter) of AUSC turbine rotor	Dr. G. V. Prasad Reddy	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	339.20	2 Years	IGCAR
Assessment of Fatigue Damage Progression in Power Plant Materials using Advanced Acoustic Emission Techniques	Dr. C. K. Mukhopadhyay	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	27.65	2 Years	IGCAR
LCF of cast 625 superalloy for turbine casing and forged 617 superalloy for rotor application	Dr. A. Nagesha	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	158.24	2 Years	IGCAR
Oxidation Studies in Supercritical Steam on AUSC Candidate alloys	Dr. S. Ningshen	Dept. Of Heavy Industries, Govt. Of India	Government	Chemical Sciences	2017-2018	235.01	2 Years	IGCAR
Evaluation of Fracture and Fatigue crack growth (FCG) behaviour of Alloy 617 forging materials	Dr. A. Moitra	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	491.37	2 Years	IGCAR
Evaluation of Fracture and Fatigue crack growth (FCG) in 10Cr-Alloy 617 BMW weld joint	Dr. A. Moitra	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	471.41	2 Years	IGCAR
Evaluation of Fracture and Fatigue crack growth (FCG) behaviour of 304HCuSS base material	Dr. A. Moitra, Dr. S. Sathyanarayanan and Shri B. Shashank Dutt	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2017-2018	471.41	2 Years	IGCAR
Generation of Creep Data of wrought Alloys of 617M and 304HCu	Dr. G. V. Prasad Reddy	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	575.22	2 Years	IGCAR
Round Robin Testing for Generation of Creep Data of the Indian Advanced Ultra Supercritical Power Plant Materials - Phase I	Dr. G. V. Prasad Reddy	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	598.29	24 years	IGCAR
Evaluation of Fracture and Fatigue crack growth (FCG) for Alloy 617 base and weld material	Dr. S. Sathyanarayanan and Dr. G. Sasikala	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	485.27	2 Years	IGCAR
Evaluation of Creep Fatigue Interaction properties of Alloy 617M forging	Dr. A. Nagesha	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	339.12	1.5 years	IGCAR
Evaluation of Creep-Fatigue Crack Growth (CFCG) for Alloy IN625 Cast material	Dr. A. Moitra	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	468.85	1.5 years	IGCAR
Round Robin Testing for Generation of Low Cycle Fatigue Data of the Indian Advanced Ultra Supercritical Power Plant Materials - Phase I	Dr. A. Nagesha	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	593.25	1.5 years	IGCAR
Creep-Fatigue Interaction behaviour of Alloy 617M	Dr. A. Nagesha	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	431.59	1.5 years	IGCAR
Evaluation of Creep-Fatigue Interaction Properties of Alloy 625 casting	Dr. A. Nagesha	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	339.12	1.5 years	IGCAR
Evaluation of Creep-Fatigue Crack Growth (CFCG) for Alloy 617 Forging Material	Dr. G. Sasikala	Dept. Of Heavy Industries, Govt. Of India	Government	Engineering Sciences	2018-2019	447.11	1.5 years	IGCAR

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