

CSIR-4PI Projects: Ongoing

Sl. No.	Title of the project	Name of the Funding Agency	Estimated Total Cost (Rs in lakhs)	Project Duration
Grant-in-Aid Projects				
1	National carbonaceous aerosols programme (NCAP): Working Group III - Carbonaceous aerosols emissions, source appointment and climate effects	Ministry of Environment, Forest & Climate Change (MoEFCC) GOI.	1,16,00,800	01/04/2017 to 31/03/2022
2	Geological characterization of the Kashmir valley with the objective of quantifying probabilistic hazard and risk in the high risk areas of the valley using a logically integrated set of geo-scientific investigation	Department of Earth Science, GOI	1,00,89,600	29/03/2016 to 28/03/2020
3	Enhancement of the quality of livelihood opportunities and resilience for the people in the Indian Himalayas, through design of intervention strategies aimed at maximizing resource potential and minimizing risks in urban-rural ecosystem	Ministry of Environment, Forest & Climate Change (MoEFCC) GOI.	1,31,10,259	28/03/2018 to 31/03/2021
4	Integrated system dynamical model to design and testing alternative intervention strategies for effective remediation &	Ministry of Environment, Forest & Climate Change (MoEFCC) GOI.	1,13,40,000	01/06/2018 to 31/05/2021

	sustainable water management for two selected river basins of Indian Himalaya			
5	Improving the prediction of the extremes of the interannual variation of the Indian Summer Monsoon Rainfall (ISMR) by CFSv2	Indian Institute of Tropical Meteorology, Pune, Ministry of Earth Science	18,79,2000	1/9/2018 to 31/08/2021
6	Hyperspectral imaging for sharper definitions of Himalayan ecosystems and its high value plant species under climate uncertainties	Banaras Hindu University, Varanasi Funding from Ministry of Environment, Forest & Climate Change	1,550,640	1/9/2018 to 31/08/2021
7	Analysis of urban 'heat islands', air pollution dynamics and extreme heat wave phenomena in India and Russia	DST	1,200,000	1/9/2018 to 31/08/2021
8	Assessment of regional hydrology using space borne gravity observations: Robust estimation of deformation due to hydrological loading in NE-India and Upper Ganga river basin.	Department of Science & Technology.	19,11,800	27/05/2019 to 26/05/2022
9	Developing a Public Health Informatics Platform in India for a systems View of Health and Diseases" under Epidemiology Data Analytics (EDA) of Interdisciplinary Cyber Physical Systems (ICPS) Programme of DST, GoI	Department of Science & Technology	57,42,000	17/05/2019 to 16/05/2022
10	A Darknet/Network Telescope Based Cyber Security Monitoring and Inference Framework	Ministry of Electronics and Information Technology	49,98,000	16/07/2019 to 15/07/2021

11	Feasibility Evaluation, Impact Quantification and Mitigation of Low-Rate Cyber Attacks on Multipath Transmission Control Protocol (MPTCP)	Department of Science & Technology	46,94,300	07/08/2019 to 06/08/2022
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CSIR Projects				
Sl. No.	Title of the project	Name of the Agency	Estimated Total Cost (Rs in lakhs)	Project Duration
1	CSIR Mission Project Intelligent Systems (IS) - Intelligent technologies and solutions	CSIR Mission Project Nodal Lab: CEERI, Pilani	7,36,00,000	13/03/2018 to 31/03/2020
2	Assessment and forecasting of extreme weather events over the Indian region using Mesoscale Model	CSIR Extramural Research Project	25,00,000	01/04/2017 to 31/03/2022
3	Carbon and nitrogen cycling in the earth system (CNCES)	CSIR Niche Creating High Science Project	1,49,50,000	03/09/2018 to 31/03/2020
4	Seed Funding for Technology Assisted Precision Agriculture for Small Indian Farmers” (TAPAS)	CSIR Seed funding	54,45,000	19/08/2019 to 31/03/2020
5	Climate change for Patna and its Agglomeration (NER-001)	CSIR Collaboration Project	2,80,000	3/09/2018 to 31/12/2019

Sponsored Projects

Sl. No.	Title of the project	Name of the Agency	Estimated Total Cost (Rs in lakhs)	Project Duration
1	Detection and Migration of Sybil attack in Vehicular Ad-hoc Networks (VANETs)	Cognizant Technology Solutions	30,00,000	1/04/2019 to 31/03/2022