

List of ongoing Sponsored Project 2025-26
Sponsored Research Projects, NIT Hamirpur HP
 (Year wise 2022-23, 2023-24, 2024-25, 2025-26)

Sr. No.	PI/Co-PI	Department	Funding Agency	Title of the Project	S.O. No.	Sanctioned Date	Amount Sanctioned (In Rupees)	Project Duration	Remarks
Financial Year 2025-26									
1	Dr. Chander Parkash	DoCE	IKS	NEENV-IKS Centre for Vernacular Architecture & Socio-Cultural Heritage of Himachal Pradesh	2-148/IKS Centres/2026-27/687	13/03/2026	1000000	2 year	ongoing
2	Dr. Manoj Sharma & Dr. Preeti Puri, DoHSS		Planning department of Himachal Pradesh	Impact Assessment of Decentralized planning programme		14/01/2026	1442000	6 months	ongoing
3	Dr. Vijay Shankar	DoCE	NMHS	Frame –Scale Decision System for Selected Agro-Ecologies of North-Western Himalaya	NMHS2024-25/SC-XIII/MG/SL-20	20/03/2025	32319200	3 year	Ongoing
4	Dr. Niharika Gupta, AP,	DoME	ANRF	Development of Energy Efficient and enhanced Fatigue life Gearbox by using textured gear sets	ANRF/ARG/2025/007144/ENS	18/12/2025		3 Year	Ongoing
5	Dr. Chander Paraksh	DoCE	NMHS	Predictive Modelling of Cloudburst Events and their Socio-Environmental Impact Assessment in the Himalayan Region	NMHS2025-26/SC-XIV/PG244/SL-06	18/11/2025	35000000	3 Year	Ongoing
6	Dr. Sourovee Dutta	DoArch	SPARC	Energy Nexus: Decolonial and Simulation-Driven Retrofitting Strategies for Energy Efficiency and Thermal Comfort in Chandigarh's Government Housing	SPARC/2025-2026/P4014	27/11/2025	15000000	2 year	ongoing

7	Dr. Puneet Sharma	DoA	TBD	Comprehensive development plan for Tribai Village of Lahaul-spiti	TBD.F(T 8-2/2018	13/08/2025	1000000	2 years	ongoing
8	Dr. Chander Prakash	DoCE	ICSSR	A Study on Health System Preparedness and Response to Trauma and Burn in North India	ICSSR-2025-618	17/07/2025	3000000	2 years	ongoing

Financial Year 2024-25

1	Dr. Hemant Kumar Vinayak	DoCE	HPSDMA	Developing Earthquake Resilience of Lifeline Building	Rev.(D MC)F(SA)- II/2021	20/03/2025	14300000	2 and 1/2 years	ongoing
2	Dr. Akhilesh Kumar Choudhary	DoME	ANRF	Development of an Integrated onboard mini HHO Generator for Hydrogen production & investigation of Diesel Engine performance, combustion and Emissions characteristics using ammonia-hydrogen enrichment with biodiesel and additive fuel blends	ANRF/IRG/2024/000359/ENS	24/03/2025	2184000	3 years	Ongoing
3	Dr. Rohit Dhiman, Prof. Rajeevan Chandel, Dr. Ashwani Kumar Rana and Dr. B. B. Sharma	DoECE	MoE	Capacity Building on Design and Entrepreneurship (CBDE) under Malviya Mission Teachers Training Program	1-9/2024-PN.II	21/10/2024	CBDE	5 year CBDE	Ongoing
4	Dr. Jiwanjot Singh, Dr. Upasana Sharma and Dr. R.K. Jarial	DoEE	ANRF	Development of high power grid-friendly conductive and static wireless chargers for electrical vehicles	ANRF/MAHA/2024/000156/ECF	14/03/2025	21537600	3 Years	Ongoing

5	DR. Sachin Kumar (Co-PI)	DoMS	ICSSR	The impact of Dark pattern practices on online consumer brand engagement self-brand connection and brand usage intent : A study on visually Impaired consumers	33/2024-25/iCSSR/RP/MN/SC	07/03/2025	800000	2 years	Ongoing
6	Dr. Zareena J.M and Dr. Rinshu	DoHSS	ICSSR	Developing a multilingual Health Communication corpus for the Kutia Kondha of Khalahandi district, Odisha: An Ethnographic study	File No. 9/2024-25/iCSSR/RP/PVTGS/OBC	20.03.2025	3000000	2 years	Ongoing
7	Dr. Preeti Puri	DoHSS	ICSSR	Socio-Economic Empowerment of women through localized Entrepreneurship: A study of Himachal Pradesh	No.163/2024-25/iCSSR/RP/MN/GEN	07.03.2025	850000	12 months	Ongoing
8	Dr. Robin Singh Bhadoria	DoCSE	ANRF	Generative Adversarial Network based framework for Multi-View Synthesis and Decision-making in Autonomous System	ANRF/ECRG/2-24/001950/ENS	17/02/2025	5076032	3 Year	Ongoing
9	Dr. Jiwanjot Singh	DoEE	ANRF	Design and dev. of high-efficient reduce size solid-state transformer based boost inverter using SiC/GaN devices	ANRF/ECRG/2-24/001978/ENS	18/02/2025	3870000	3 Year	Ongoing

10	Dr. Mohammad Khalid Pandit	DoCSE	IIT Mandi iHub and HCI	Large Model for Legal Assistance	IIT MANDI iHub/RD/2024-25/01	13/01/2025	13206300	2 Year	Ongoing
11	Dr. Hemant K. Vinayak	DoCE	HPSDMA	Appropriate Construction Practice-Educating Community	DMC-(c) –F-2/2022-SDMF	26/11/2024	933680	2 Year	Ongoing
12	Dr. Sandeep Sharma	DoPPS	SERB,CRG	Investigation the Hydrogen Evolution (HER) activity of MXens/MoSe ₂ based hybrid	CRG/2022/007100	18/10/2024	3644696	3 Year	Ongoing
13	Dr. T.P. Sharma	DoCSE	MeitY	Information Security Education and awareness (ISEA) project phase-III	L-14017/1/2022-HRD	19/06/2024	21600000	5 year	Ongoing
14	Dr. Nisha	DoPPS	DST	DST Inspire Faculty Fellow	DST/IN SPIRE/IFF/Hot Transfer/2024-25	05/06/2024	901616	4 year	Ongoing
15	Dr. Meghna Sharma	DoCE	DST	DST Inspire Faculty Fellow	DST/IN SPIRE/Faculty/Batch-19/2023/IFA22 ENG 339	04/06/2024	1684623	4 year	Ongoing
16							94193547		

Financial Year 2023-24

1	Dr. T. P. Sharma & Dr. Nitin Gupta,	DoCSE	DST	Fist Engineering Science Level BC or D project	SR/FST/ET-I/2023/1308	14/02/2024	22300000	5 year	Ongoing
2	Dr. Manoj Sharma,	DoHSS	ICSSR	Eminence of Local Deity Traditions and their Influence on the Socio-culture values of Contemporary Society: A study of Kullu and Shimla Districts of HP	ICSSR/RPD/RPR/2023-24/40	23/03/2024	4500000	2 year	Ongoing

3	Dr. Anshul Sharma,	DoME	CRG, SERB	A Nonlinear constitutive model for graded auxetic structure with tunable Mechanical properties for aerospace application	MTR/2023/000835	26/02/2024	660000	3 year	Ongoing
4	Dr. Ajoy Debbarma,	DoME	CRG, SERB	Understanding flow boiling behavior and heat transfer enhancement with ferrofluids under externally magnetic field	CRG/2023/005590	18/02/2024	3358696	3 Year	Ongoing
5	Dr. Chandra Shekhar Prasad	DoECE	CRG, SERB	Design and development of Circularly Polarized Leaky-Wave antenna in Substrate Integrated Image Guide/Dielectric Image Line environment for 5Gmm-Wave application	CRG/2023/006860	23/01/2024	902000	5 Year	Ongoing
6	Dr. Mahesh Angira	DoECE	SERB, New Delhi	Design and development of cost – effective alternative to floating metal-based RF-MEMS Shunt capacitive switch for B5G and 6G applications	CRG/2023/003830	02/01/2024	4317959	3 Years	Ongoing
7	Dr. Himesh Handa,PI,	DoEE	HIMCOS TE	Artificial Intelligence based automated home-waste segregator and composter	STC(F)-8-1/2022-1628	20/12/2023	5500000	2 years	Ongoing

8	Dr. Abhijit Bhattacharyya	DoECE	DST	Non-Invasive low cost cardiac sound signal processing system for human heart health monitoring	SP/YO/2021/2337(G)	04/12/2023	1080367	2 year	Ongoing
9	Dr. Pamita Awasthi & Dr. Rajesh Sharma	DoCHY	DST	NIDHI-Inclusive Technology Business Incubator-iTBI	34/8/2022-NEB(c)	22/11/2023	49700000	3 Year	Ongoing
10	Dr. Sunder Kala Negi,	DoHSS	ICSSR New Delhi	Documentatio n of traditional deity rituals and alcoholic customary culture practices in western Himalayan kinnaura tribe of Himachal Pradesh	02/54/2022-23/ST/T S/RP	01/09/2023	1000000	2 years	Ongoing
11	Dr. R.K. Vats,	DoMSC	CSIR New Delhi	Analysis of controllability and stability for fraction differential equation using fixed point theory	25/0321/23/EMR-II	03/07/2023	2017000	3 years	Ongoing
12	Dr. Mamta Awsthi	CoES	SAP Scheme, IIT Madras	Scalable Small Scale Business Model for E-waste Management through 3R's Deep Learning Collection System and Market Chain	SAP22-NITHam i-109	21/06/2023	4104256	3 year	Ongoing
13	Dr. Gargi Khanna Co-PI,	DoECE	Chips to Startup (C2S)	ASIC and package design of ultra small Atomic clock	EE-9/2/2021-R&d-E	19/05/2023	9500000	5 Year	Ongoing
14							114779012		

Financial Year 2022-23									
1	Dr. Mamta Awasthi	CoES	NMHS	Advance microalgal biorefinery approach for recycling of domestic sewage/wastewater for cleaner and greener Himalayan region	NMHS/20222-/MG85/02/281	14/03/2023	3452760	3 year	Ongoing
2	Dr. Dilshad Ahmad Khan,	DoME	SERB, New Delhi	Design, fabrication and Experimental Investigations into Extrusion Pressure Based Magneto rheological Finishing Tool	CRG/2022/005226	30/01/2023	2250000	3 Year	Ongoing
3	Dr. Abhijit Bhattacharyya, PI,	DoECE	SERB, New Delhi	Development of robust multi-sensor non-stationary data analysis method using array signal and deep learning techniques for electroencephalogram (EEG) signal analysis	CRG/2022/008516	24/11/2022	19224456	3 Year	Ongoing
4	Dr. Ravi Kumar, PI,	DoMSE	IUAC, New Delhi	Effect of Swift heavy ion irradiation induced strain on spin and orbital ordering in RVO3 thin films (R=La,Pr,Y)	BTR-3:AUCID:72301	24/07/2022	1000000	3 Year	ongoing
5	Dr. Rakesh Sharma , PI & Dr. Ashok Kumar Co-PI,	DoECE	ISRO	Development of automated detection and classification software to map lunar craters in the polar regions using Chandrayaan-2 data	ISRO/SPO/GIA/2022	06/07/2022	2003760	3 Year	Ongoing

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