

**Sponsored Research Projects, NIT Hamirpur HP**  
(Year wise 2022-23,2023-24,2024-25)

Sr. No.	PI/Co-PI	Department	Funding Agency	Title of the Project	S. O. No.	Sanctioned Date	Amount Sanctioned (In Rupees)	Project Duration	Remarks
<b>Financial Year 2024-25</b>									
1.	Dr. Deepak Sharma	SERB, New Delhi	SERB, New Delhi	Experimental and numerical Investigation of Pool Boiling and Flow boiling Enhancement by Surface Modification	CRG/2021/001457	24/11/2021	1445400.00	3 years	Completed
2.	Dr. Rohit Dhiman	DoECE	SERB, New Delhi	Through Package carbon Nanotube Bundle Vias in Glass Interposer for Heterogeneous Three-Dimensional Integration	CRG/2021/000780	28/12/2021	1602832.00	3 years	Completed
3.	Prof. H. M. Suryawanshi	DoEE	INAE,SERB, DST	Solid state transformer technology for emerging trends in electric mobility and DC micro-grid	INAE/121/AK F/28	30/03/2022	5700000	3year	Completed
<b>Financial Year 2023-24</b>									
1.	Dr. Chander Prakash PI Assistant Professor DoCE	DoCE	HIMCOSTE, Shimla	Mobile-GIS application and web-GIS based Himachal landslide Information System (HIMLIS)	STC/F8-2(R&D-20-21)-450	07/07/2021	3,00,000.00	2 years	Completed
2.	Dr. Naveen Chauhan,	DoCSE	HIMCOSTE,	ICT Based Solution to Expedite the Efficient	STC/F8-2(R&D20-	16/04/2021	6,50,000	2 years	Completed

	Associate Professor		Shimla	Delivery of care to the Patient of Heart Attack	21)-135				
3.	Dr. Amit kaul (PI),AP,DoEE	DoEE	HIMCOSTE, Shimla	Portable Physiological data Acquisition and Disease Diagnosis System	STC/F8-2(R&D20-21)-131	16/04/2021	5,70,000/-	2 years	Completed
4.	Dr. Anil Kumar Yadav(PI),AP,DoEE	DoEE	HIMCOSTE, Shimla	Power flow Management in Solar -Wind-based Micro-Grid using artificial intelligent-based control Techniques	STC/F8-2(R&D20-21)-123	16/04/2021	3,60,000	2 years	Completed
<b>Financial Year 2022-23</b>									
1.	Dr. Siddhartha Chauhan (PI), Assoc. Prof. and Dr. Pardeep Singh (Co-PI), AP, DoCSE	DoCSE	HIMCOSTE, Shimla	Efficient Forest Fire Detection Mechanism using Wireless Sensor Networks	STC/F (8)-6/2019 (R&D 2019-20)-370	24/06/2020	5,60,000/-	2 years	Completed
2.	Dr. Veena Sharma (PI), Assoc. Prof. and Dr. Ram Naresh Sharma (Co-PI), Prof., DoEE	DoEE	HIMCOSTE, Shimla	Model Predictive Controller based Automatic Generation Control of Interconnected Power System integrated with Renewable Energy Sources	STC/F (8)-6/2019 (R&D 2019-20)-385	24/06/2020	5,00,000/-	2 years	Completed
3.	Dr. Subhadip Biswas (PI), AP and Dr. Sunil Sharma (Co-PI), AP, CED	DoCE	HIMCOSTE, Shimla	Traffic safety assessment at horizontal curvature on hilly highways using lateral indiscipline based approach	STC/F (8)-6/2019 (R&D 2019-20)-381	24/06/2020	1,80,000/-	2 years	Completed
4.	Dr. Philemon Daniel	DoCHY	Tribal Development Department, HP	Documentation of Kinnauri-Pahari dialect and development of Artificial Intelligence based translation to Kinnauri - Pahari	TBD.F(TD M) 8-2/2008-V-Loose	12/11/2020	4,40,000/-	1 year	Completed

5.	Dr. Bharat Bhushan Sharma	DoEE	SERB, New Delhi	Synchronization in Complex Interconnected Network of a Class of Systems using Contraction Theory	CRG/2018/001414	27/03/2019	18,91,802/-	3 years	Completed
6.	Dr. Ram Naresh Sharma	DoEE	CSIR, New Delhi	Solution Techniques to Unit Commitment Problems in Power System integrated with Renewable Energy Sources	22(0815)/19/EMR-II	02/12/2019	15,40,000/-	3 years	Completed