

Sponsored Research Projects, National Institute of Technology Hamirpur (HP)								
Sr. No.	PI/Co-PI	Funding Agency	Title of the Project	S. O. No.	Sanctioned Date	Amount Sanctioned (In Rupees)	Project Duration	Remarks
Financial Year: 2019-20								
1.	Dr. Manoj Sharma, AP, DoHSS	H.P. Institute of Public Administration, Shimla	Adolescent sanitation practices and infrastructure facilities in Himachal Pradesh (A study of Knowledge, Attitude and Practices)	HIPA(Trg.)C-29/2019	28/05/2019	1,59,500/-	125 days	Completed
2.	Dr. Vijay Kumar, AP, DoCSE	SERB, New Delhi	SmartGlucobinder: Design and Synthesis of Small Glucose Binder Molecules using Computational Intelligence Approach	ECR/2016/00123 1	21/03/2017 (19/09/2019)	27,19,200/-	3 years	Completed (Transfer to NITH from TIET Patiala)
Financial Year: 2018-19								
1.	Dr. Manoj Sharma, AP, M&H	H.P. Institute of Public Administration, Shimla	Impact of e-governance Services on Citizens in HP	HIPA(Trg.)C-30/2018	06/08/2018	1,52,900/-	3 months	Completed
2.	Dr. Krishan Kumar, ECE (Mentor), Ms. Akanksha Srivastava, PI	DST, New Delhi	Green Earth: Green Energy Aware Radio Technology for Cognitive Network with Heterogeneity	SR/WOS-A/ET-154/2017(G)	06/09/2018	18,09,000/-	3 years	Transferred to IIT Delhi hence closed on 30/09/2019
Financial Year: 2017-18								
1.	Dr. Hemant Kumar Vinayak (PI-I) & Dr. R. K. Dutta (PI-II), CED	Municipal Corporation Shimla	Identification, plan and Development of Post-earthquake safe shelter for Shimla City	MCS/JC/CRM/20 17-2897	17/07/2017	3,96,000/-	1 year	Completed
2.	Dr. Ashwani K Rana (PI), Dr. Rajeevan Chandel (Co-PI), E&CED & Dr. Pamita Awasthi (Co-PI) Chemistry Dept.	HIMCOSTE, Shimla	Study and development of smart e-system for crop protection from monkeys	SCSTE/F (8)-1/2016-Vol.- 1/3822	12/10/2017	7,00,000/-	2 years	Completed
3.	Dr. Amit Kaul (PI) & Dr. Ravinder Nath (Co-PI), EED	HIMCOSTE, Shimla	Automatic recognition of dialects of Himachal Pradesh	SCSTE/F (8)-1/2017-5082	28/12/2017	4,65,000/-	2 years	Completed
4.	Dr. Vijay Shankar	HIMCOSTE,	Application of Wollastonite micro fiber	SCSTE/F	28/12/2017	5,05,200/-	2 years	Completed

	Dogra(PI), CED	Shimla	reinforced self-compacting concrete as concrete overlay for rehabilitating District & Village Roads in Himachal Pradesh	(8)-1/2017-5088				
5.	Dr. Manoj Sharma, M&H Dept.	ICSSR, New Delhi	Determinants of volatility in farm income, prices and yields of Apple: An Empirical study of Himachal Pradesh, India	02/204/2017-18 /RP/ Minor	29/12/2017	4,00,000/-	1 year (extended upto 15/02/2019)	Completed
6.	Dr. Hemant K Vinayak, CED	Disaster Management Cell, Hamirpur (HP)	RVS study of important buildings of Hamirpur District	2079 DCH/ Relief /DM /2017	05/12/2017	2,40,000/-	1 year (Extended up to 15/04/2019)	Completed on 21/05/2019
7.	Dr. Hemant Kumar Vinayak, CED	RDD HP	Integrated Cluster action plan for Moorang, Shimla Rural and Sihunta Cluster	SMN-02/2016-17 (NRuM)-RDD-657	27/09/2017	11,00,000/-	1 year	Completed
Financial Year: 2016-17								
1.	Dr. Ajay Singh, E&CED, NITH	SERB, New Delhi.	Physical Layer Security of Cognitive Radio Networks	SERB/F/1488/2016-17	18/06/2016	12,44,100/-	3 years	Transferred to IIT Jammu due to posting of PI
2.	Dr. Rohit Dhiman AP, E&CED, NITH	SERB), New Delhi.	Ultra Low Power Performance Investigation in Carbon Nanotube based interconnects	SERB/F/2597/2016-17	28/07/2016	13,95,680/-	3 years	Completed
3.	Dr. Radhe Shayam AP, Chemical, NITH	SERB, New Delhi	Flow and Heat Transfer over Corrugated Tube Placed in Non-Newtonian Power-law Fluid in Presence of Magnetic Field	SERB/F/4073/2016-17	14/09/2016	21,49,290/-	3 years	Completed
4.	Dr. Rajesh Kumar Sharma, Mathematics, NITH	SERB, New Delhi	Numerical Investigations of some momentum and Heat Transfer Problems in Complex Nanofluids	SERB/F/4542/2016-17	27/09/2016	16,62,084/-	3 years	Completed
5.	Dr. Pardeep Kumar, CED, NITH	SCSTE, H.P.	Providing safer Infrastructure in Hazard Prone Areas of Himachal Pradesh	SCSTE/F (8)-1/2016-Vol.-1/5512	18/10/2016	8,10,000/-	2 years	Completed
6.	Dr. Amrit Kumar Roy (PI), Dr. Hemant Kumar Vinayak (Co-PI), CED	SCSTE, H.P.	Wind Energy Conservation for Domestic usage in Himachal Pradesh	SCSTE/F (8)-1/2016-Vol.-1/5515	18/10/2016	4,00,000/-	2 years	Completed
7.	Dr. Gargi Khanna,	SCSTE, H.P.	Automation in Vision Testing	SCSTE/F	19/10/2016	4,70,000/-	2 years	Completed

	E&CED, NITH			(8)-1/2016-Vol.-1/5584				
8.	Dr. Vandana Sharma & Dr. Aniket Sharma, Deptt of Arch. NITH	SCSTE, H.P.	Improving compressive strength and durability properties of adobe for propagating sustainable and cost effective mass housing especially in rural areas of different districts of HP	SCSTE/F (8)-1/2016-Vol.-1/5519	18/10/2016	6,37,800/-	2 years	Completed
9.	Dr. Naveen Chauhan (PI) & Er. Rajeev Kumar, CSED, NITH	SCSTE, H.P.	Post disaster communication recovery using integrated mobile adhoc network	SCSTE/F (8)-1/2016-Vol.-1/5592	19/10/2016	6,63,000/-	2 years	Completed
10.	Dr. Somesh Sharma (PI), MED & Dr. H.K Vinayak (Co-PI), CED & Dr. Vivek Tiwari(Co-PI), M&H	SSA RMSA, HP	An evaluation of Vocational Education programme and senior secondary level in Himachal Pradesh	HPSES - SIEMAT-SSA-R/C - 7/2016 (NIT) - 8073	19/12/2016	3,30,000/-	1 year	Completed
11.	Dr. R. S. Banshtu (PI) & Dr. Hemant Kumar Vinayak (Co-PI), CED	SCSTE, H.P.	Seismic Evaluation, repair and strengthening of masonry building in Dharamshala H.P.	SCSTE/F (8)-1/2016-Vol.-1/-9299	04/03/2017	6,94,000/-	2 years	Completed
12.	Dr. Leela Manohar Aeshala, Chemical Engg.	SERB, New Delhi	Development of Amine Functionalized Polymer Electrolytes for reduction of CO ₂ to Fuel	ECR/2016/00134 0	28/02/2017	35,42,000/-	3 years	Completed
13.	Dr. Sunil Sharma (PI) and Dr. Vijay Kumar Bansal (Co-PI), CED	SCSTE, H.P.	Application of Geospatial technologies in the development of scientific approach to prioritize upgradation of roads constructed under PMGSY in HP	SCSTE/F (8)-1/2016-Vol.-1/-9301	04/03/2017	1,50,000/-	1 year	Completed
14.	Dr. Mohd. Adil & Dr. Vivek Tiwari, Dept. of Management & Humanities	ICSSR, New Delhi	The Synergetic effect of financial factors and public promotion programme on export performance : An empirical examination of small and medium –Sized Enterprises	02/244/2016-17/RP	30/03/2017	7,00,000/-	1 year 6 months	Completed
15.	Dr. Vivek Tiwari & Dr. Mohd. Adil, Dept. of Management & Humanities	ICSSR, New Delhi	Linking Human Resource Management & Environmental Performance : The Role of organization Citizenship Behavior for the Environment	02/190/2016-17/RP	30/03/2017	8,00,000/-	2 years	Completed
16.	Dr. H.K Vinayak, CED	SSA RMSA, HP	Developing upgraded model of school structure in Rural Areas through existing innovative developed concepts	HPSES-SIEMAT-SSA-R/C-7/2016-(NIT)-417	24/08/2016	2,86,000/-	1 year	Completed
17.	Dr. Rajesh Sharma,	Planning Dept.	Continuous Roller Garbage Collecting Machine	PLG-FC(F)3-1/2008-09-SIC-	10/10/2016	1,08,000/-	-	Completed

	Faculty Mentor, DoME	Govt. of HP		Vol-II				
Financial Year: 2015-16								
1.	Ms. Sandhya Dwevedi (PI), CMSE	DST, New Delhi	Development of a sensitive Giant Magneto-Impedance magnetometer	SR/WOS-A/PM-1013/2014 (G)	13/5/2015	27,88,000/-	3 years	Completed
2.	Dr.(Mrs.) Veena Sharma (PI) & Dr. R.N. Sharma, EED	CSIR, New Delhi	Optimal Automatic Generation Control of Interconnected Power Systems Using Meta Heuristic Approaches.	22(0692)/15/EM R-II	18/06/2015	10,00,000/-	3 years	Completed
3.	Dr. Somesh Sharma, MED	DST, New Delhi	Drawing strategy canvas for the global trade of high technology products: study of Indian Defence Systems	DST/NSTMIS/05/179/2014-15	06/05/2015	11,43,393/-	2 years	Completed
4.	Dr. Raj Kaushal, Chemistry Dept.	SERB, New Delhi	Designing, preparation, characteristics and antifroliferation activity of Titanium based drug	SB/EME &-453/2014	10/03/2016	11,00,000/-	3 years	Completed