

**List of Research Projects submitted to various International/Central Govt. /State Govt. funding agencies
for the Year 2020-21**

S.N.	Name of Faculty (Principal Investigator)	Title of the Project	Funding Agency	Details of Forwarding the Appl.
1.	Dr. Gopal Rawat (PI), DoECE	Design and fabrication of low cost nanoelectronic devices for energy and environment applications	SERB, New Delhi – EMEQ Scheme	No.NIT/HMR/R&C/2020/01 dated 16/04/2020
2.	Dr. Mohd. Adil (PI), DoMGT	Efficiency of public advisories in containing the COVID-19 pandemic: Model development and its statistical validation	SERB, New Delhi	No.NIT/HMR/R&C/2020/02 dated 21/04/2020
3.	Dr. Abhishek Singh (PI), DoMATH	Pareto dynamic Stochastic modeling of time series data	SERB, New Delhi	No.NIT/HMR/R&C/2020/03 dated 28/04/2020
4.	Dr. Lokesh Chouhan (PI), DoCSE	ABLE HUMAN: Aadhaar based lightweight and enhanced security scheme for Human Internet of Things	SERB, New Delhi	No.NIT/HMR/R&C/2020/61 dated 30/04/2020
5.	Dr. A. S. Singha, Head, DoCHY	Fund for Improvement of S&T Infrastructure (FIST)	DST, New Delhi	No.NIT/HMR/R&C/2020/62 dated 30/04/2020
6.	Dr. Jatoth Chandrashekar (PI), DoCSE	Next generation smart agriculture for identification of diseases in tinospora cordifolia crop using deep learning	SERB, New Delhi	No.NIT/HMR/R&C/2020/63 dated 30/04/2020
7.	Dr. Raj Bahadur Singh, DoMSE	Development of high strength low density steel through mechanical alloying	SERB, New Delhi	No.NIT/HMR/R&C/2020/65 dated 06/05/2020
8.	Dr. Basant Subba (PI), DoCSE	Machine learning and deep learning based cyber security framework for identification of phishing websites & malicious uniform resource locators (URLs)	SERB, New Delhi	No.NIT/HMR/R&C/2020/65 dated 06/05/2020
9.	Dr. Dharmendra Prasad Mahato (PI), DoCSE	Mathematical modeling for COVID19	ICSSR, New Delhi	No.NIT/HMR/R&C/2020/65 dated 14/05/2020
10.	Dr. Jai Prakash (PI) and DoCHE	Nano-Antiviral Coatings against the spread of COVID-19	Indo-US Science and Technology Forum New Delhi	Through e-office on dated 15/05/2020
11.	Dr. Pushpendra Singh (PI), DoECE	Automated depression analysis from speech recordings using Fourier decomposition and machine learning	DST, New Delhi – SATYAM	No.NIT/HMR/R&C/2020/95 dated 29/05/2020
12.	Dr. Somesh K Sharma (PI), Head, DoME	Fund for Improvement of S&T Infrastructure (FIST)	DST, New Delhi	No.NIT/HMR/R&C/2020/96 dated 29/05/2020
13.	Dr. Priyanka Sharma (PI), DoCHY	Field efficiency of JH mimics as nano pesticides: A new generation nanocides	DST, New Delhi – WOS-B	No.NIT/HMR/R&C/2020/97 dated 29/05/2020
14.	Dr. Pamita Awasthi (PI), DoCHY	Repurposing the sulfonamides drugs as a novel inhibitor for COVID19 main protease 3CLprp and RdRp using In-silico and In-vitro experimental methods	SERB, New Delhi	No.NIT/HMR/R&C/2020/97 dated 01/06/2020
15.	Dr. Jai Prakash (PI) and Dr. Kalyan Sunder Ghosh (Co-PI), DoCHE	SERS-based LFIA for anti-SARS-CoV-2 antibodies detection	DST, New Delhi for India-Portugal Joint S&T Call	No.NIT/HMR/R&C/2020/220 dated 31/07/2020
16.	Dr. Kamlesh Dutta (PI), DoCSE and Prof. Rakesh Kumar Dutta (Co-PI), DoCE	Crowdsourced Real Time Response Disaster Management Based on efficient analysis of Trustworthy feedbacks	DST, New Delhi for India-Portugal	No.NIT/HMR/R&C/2020/221 dated 31/07/2020
17.	Dr. Philemon Daniel (PI), DoECE	Documentation of Kinnauri-Pahari dialect and development of Artificial Intelligence based translation of English to Kinnauri - Pahari	Tribal Development Department, HP	No.NIT/HMR/R&C/2020/591 dated 14/10/20
18.	Dr. Rahul Saha (Co-PI), DoCHE	Experimental and Modeling Studies of Carbonated Smart Water Injection (CWSI) for Improved Oil Recovery from Sandstone Reservoirs	CSIR, New Delhi	No.NIT/HMR/R&C/2020/592 dated 14/10/2020
19.	Dr. T. P. Sharma (PI) and Dr. Nitin Gupta (PI) DoCSE	Cost effective technology/instrumentation development to detect water losses in water supply networks in the urban areas	DSIR, New Delhi	No.NIT/HMR/R&C/2020/590 dated 14/10/2020
20.	Dr. Pardeep Singh (PI), DoCSE	Documentation of Kinnauri-Pahari dialect and development of Artificial Intelligence based translation of English to Kinnauri-Pahari	Tribal Development Department, HP	No.NIT/HMR/R&C/2020/616 dated 16/10/2020
21.	Dr. Amit Kaul (PI), Dr. Ravinder Nath (Co-PI), DoEE	Artificial Intelligence Based English to Kinnauri (Pahari) translation system	Tribal Development Department, HP	No.NIT/HMR/R&C/2020/631 dated 22/10/2020
22.	Dr. Mohd Adil (PI), DoMGT	Examining the Application of Blockchain Technology in Supply Chain of Indian Manufacturing Firms	Capacity Systems Centre, University of New South Wales Canberra, Australia	No.NIT/HMR/R&C/2020/639 dated 26/10/2020
23.	Dr. Mohd Adil (PI), DoMGT	Determinants of Sustainable Tourism in India in the wake of COVID19: Using Interpretive Structural Modeling Technique	Capacity Systems Centre, University of New South Wales Canberra, Australia	No.NIT/HMR/R&C/2020/640 dated 26/10/2020