

R&D Projects 2018-19: Merit List of General Category

Merit No.	Name of PI	Institute	Title of Project
1.	Dr. Neerja Rana	Deptt. of Basic Sciences, College of Forestry, Dr. YS Parmar University of Horticulture and Forestry, Nauni-Solan, H.P.-173230	Biodegradation of Low and High-density Polyethylene by Noval Bacterial Consortia for Waste Management in Himachal Pradesh
2.	Dr. Maninder Jeet Kaur	Himalayan Research Group (HRG) Umesh Bhavan, Chotta Shimla, Shimla-171002 H.P.	Mushroom Cultivation as an Enterprise for Women in Himachal Pradesh through Technology Transfer.
3.	Dr. Rajesh Kumar	School of Physics and Materials Science, Shoolini University, Solan, H.P.-173212	Efficiency Improvement of Packed Bed Solar Thermal Energy Storage Using Different fin Shapes on Absorber Plate in Solar Air Collector.
4.	Dr.R.K. Sud	Agrotechnology of Medicinal, Aromatic & Commercial Important Crops Deptt., CSIR-IHBT, Palampur, H.P.-176061	Application of Improved Tea Agrotechnologies for Higher Productivity, Quality, and Returns for Upliftment of Small Tea Growers in Himachal Pradesh
5.	Kasiviswanathan K.S.	School of Engineering, IIT Mandi, Kamand, H.P.-175005	Developing a Sensor Based Real Time River Flow Monitoring Framework for Forecasting Flash Floods
6.	Dr. S. Vaibhav	Mechanical Engineering Deptt. School of Engineering & Technology, Career Point University, Hamirpur, H.P.- 176041	Rapid Prototyping (RP) of Non-polluting Pine Needles Briquettes/Pallets Using Either Liquid-based or Power-based RP Process; and to Generate Electricity for Heating Equipments from These Pine Needle Briquettes/Pallets for Remote Snow Fed Areas of Himachal Pradesh
7.	Dr. Nitika Thakur	Deptt. of Bio-technology, Shoolini University of Biotechnology and Management Sciences, Bajhol-Solan, H.P.-173229	Technological Innovation for Standardization of On-farm Input Generation from Locally Available Resources for Upgrading the Rural Villagers of Himachal Pradesh

8.	Dr. Suman Bhatia	Dr. YS Parmar University of Horticulture & Forestry, Nauni, (Solan) H.P.- 173230	Development and Dissemination of the Technology for the Production of Cuttings of Marigold cv. 'Laddu Gaiinda' Throughout the Year in Mid Hills of H.P.
9.	Dr. Malay Sarkar	Deptt. of Pulmonary Medicine, IGMC, Shimla, H.P.-171001	To Study The Prevalence of Osteoporosis in Stable Patients of Chronic Obstructive Pulmonary Disease
10.	Dr. Reena Vohra Saini	School of Biotechnology, Shoolini University of Biotechnology and Management Sciences, Bajhol, Distt. Solan, H.P.-173229	Tackling the Increasing Lung Cancer Cases in Himachal Pradesh through Restoration of Immune Response in Peripheral Blood Lymphocytes from Cancer Patients via Plant Based Immunomodulators of Himalayan Origin
11.	Dr. Nitin Verma	School of Pharmacy & Emerging Sciences, Baddi University of Emerging Sciences & Technology, Baddi, (Solan), H.P.-173205	How Pharmaceutical Industrial waste Make Our Medicines Ineffective
12.	Dr. Pawan Kumar Attri	School of Environmental Sciences, Department of Interdisciplinary Studies, (Institute of Integrated Himalayan Studies) Himachal Pradesh University, Shimla-171005 (H.P.)	Impact of Pesticides toxicity on Human Health – A Case Study of Apple Growing Region of H.P.
13.	Dr. Aditi Halder	School of Basic Sciences, Indian Institute of Technology Mandi, Kamand, Mandi, H.P.-175005	Agricultural Waste-derived Activated Carbon-Photocatalysts Composites: Integration of Adsorption and Photocatalysis for Pharmaceutical Waste Water Treatment in Industrial Areas of Himachal Pradesh
14.	Nisha Thakur	Society for Farmers Development, Vill. Talhar, P.O. Nagwain, Teh. Sadar, Distt. Mandi H.P.-175121.	Introducing Organic Cultivation of Vegetables for Livelihood Enhancement in Runga Village of Hurrang Panchayat of Fozal watershed, Distt. Kullu H.P.
15.	Dr. Shubhajit Roy	School of Computing and Electrical engineering, Indian Institute of Technology Mandi, Kamand, Mandi, H.P.-175005	Himachal Smart Tele-Anaemic Clinic and Diagnostic System (HIMSTANDS)
16.	Er. Dhawan Singh	Akal College of Engineering & Technology, Eternal University, Baru Sahib, Distt. Sirmour, H.P.-173101	Sustainable and Smart Drip Irrigation System for Remote Areas

17.	Dr. Sunita Chandel	Deptt. of Plant Pathology, Dr. Y.S. Parmar UHF, Nauni, Distt. Solan, H.P.-173230	Assesment of Soil Suppressiveness and Bioremediation Attributes of Fungicides Resistant Noval Strains of Trichoderma against Fusarium – Phytophthora Complex in Tomato and Capsicum
18.	Dr. Pardeep Sharma	Deptt. of Veterinary Medicine, DGCN-COVAS, CSK HPKV Palampur, H.P.-176062	Using Advanced Diagnostic Techniques for Early Detection and Therapeutic Management of Bovine Haemoprotozoan Diseases of Himachal Pradesh
19.	Dr. Vivek Kumar Sehgal	Computer Science and Engineering Department, Jaypee University of Information Technology, Wagnaghat, Distt. Solan, H.P.-173234	Smart Water Hygiene and Efficient Distribution System Using Internet of Things
20.	Ar. Venu Shree	Department of Architecture, NIT Hamirpur, H.P.-177005	Assessment of Indoor Air Pollution for Schools of Industrial Area in Hamirpur (H.P.)
21.	Dr. Narender Negi	ICAR-NBPGR, Regional Station-Phagli, Shimla, H.P.-171004	Exploration, Collection and Utilization of Behmi (<i>Prunus mira</i> Koehne.)
22.	Dr. Ravi Kumar Sharma	Deptt. Civil Engineering, National Institute of Technology (NIT) Hamirpur, H.P.-177005	Microzoantion Landslides Studies in the Mid Himalayan Zone Along NH-21
23.	Dr. Ashok Kumar	Deptt. of Biotechnology and Bioinformatics, Jaypee University of Information Technology, Wagnaghat, H.P.-173234	Extraction of Keratin from Poultry Waste Biomass of Himachal Pradesh and Its Application in the Production of Value Added Products.
24.	Dr. Padmanabhan Rajan	Indian Institute of Technology, Mandi, H.P.-175005	Automatic Monitoring of Bird Populations in Industrial Areas of Himachal Pradesh.
25.	Dr. Devinder Kumar Banyal	Deptt. of Plant Pathology CSK HPKV Palampur, H.P.-176062	Refinement of Fungicide Management Schedule for Late Blight of Potato and Its Demonstrations in Mid Hills of Himachal Pradesh
26.	Dr. Prosenjit Mondal	School of Basic Sciences, Indian Institute of Technology, Mandi, Kamand, H.P.-175005	Effect of Heavy Metal Contaminants from Industrial Effluents in Development of Metabolic Disorders
27.	Dr. Sangita Sood	Deptt. of FSNAT, College of Home Science, CSKHPAU, Palampur, , H.P.-176062	Utilization of Bamboo Shoots for the Product Development and Quality Evaluation for the Economic Emancipation of Rural People

28.	Dr. Rashmi Chaudhary	Deptt. of Business Management, College of Horticulture, Dr. YS Parmar University of Horticulture and Forestry Nauni, Distt. Solan, H.P.-173230	Promoting Zero Budget Natural Farming for Upliftment of Rural Population of Himachal Pradesh Engaged in Agriculture, Sustainable Agricultural Development and Improved Public Health through Awareness Generation and Capacity Building of Farmers.
29.	Dr. R.K. Jarial	EE Department, NIT Hamirpur, H.P.-177005	Design, Development and Fabrication of a Prototype Smart Farm Fencing System to Protect Crops from Stray Animals for the State of Himachal Pradesh
30.	Dr. Rakesh Sharma	Deptt. of Soil Science and Water Mgt. College of Horticulture and Forestry, (Dr. YSP University of Hort. & Forestry), Neri, P.O.-Khaggal, Hamirpur, H.P.-177001	Application of Geospatial Technologies for Characterization and Delineation of Fruit Growing Areas to Support Crop Planning in Subtropics of Himachal Pradesh
31.	Dr. Rajiv Kumar Sharma	Room No. 219, Mechanical Engineering Department, NIT Hamirpur, H.P.	Design and Development of Sustainable E-waste Management System
32.	Dr. Sidharath Dev	Deptt. of Veterinary Public Health and Epidemiology, College of Veterinary and Animal Sciences, CSK HPKV Palampur, H.P.-176062	Distribution of Drug Resistant pathogens in Drinking Water and Its Microbiological Quality in Kangra and Lahaul Spiti District of Himachal Pradesh
33.	Dr. H.S. Chauhan	Centre for Public Health and Healthcare Administration, Eternal University, Baru Sahib, Distt. Sirmaur, H.P.-173101	
34.	Dr. Sunil Kumar	Deptt. of Biotechnology, Akal College of Agriculture, Eternal University, Baru Sahib, H.P.-173101	

R&D Projects 2018-19: Merit List of Nano-Technology Projects

Merit No.	Name of PI	Institute	Title of Project
1.	Dr. Neeraj Gupta	School of Chemistry, Shoolini University, Post Box 9, Head Post Office, Solan H.P.-173212	Deriving Methyl Furans from Himalayan Biomass as Sustainable Alternative to Petroleum Products
2.	Dr. Sanjeev Kumar Tiwari	Dept. of Physics & Material Science, JUIT, Wagnaghat, Solan 173234	Development of ZnO Based Nano-Generator for Small Electrical devices
3.	Dr. Kalyan Sundar Ghosh	Department of Chemistry, NIT, Hamirpur, H.P.- 177005	Multifunctional Nanobio Composite for Water and Waste water Treatment: A case study for Treatment of the Water in Baddi-Barotiwala-Nalagarh Region, H.P.