

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

<b>Merit No.</b>	<b>Name of PI</b>	<b>Institute</b>	<b>Title of Project</b>
<b>1.</b>	<b>Dr. Neerja Rana</b>	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
<b>2.</b>	<b>Dr. Maninder Jeet Kaur</b>	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.
<b>3.</b>	<b>Dr. Rajesh Kumar</b>	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.
<b>4.</b>	<b>Dr.R.K. Sud</b>	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
<b>5.</b>	<b>Kasiviswanathan K.S.</b>	School of Engineering, IIT Mandi, Kamand, H.P.-175005	Developing a Sensor Based Real Time River Flow Monitoring Framework for Forecasting Flash Floods
<b>6.</b>	<b>Dr. S. Vaibhav</b>	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
<b>7.</b>	<b>Dr. Nitika Thakur</b>	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

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

<b>Merit No.</b>	<b>Name of PI</b>	<b>Institute</b>	<b>Title of Project</b>
<b>1.</b>	<b>Dr. Neeraj Gupta</b>	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
<b>WAITLISTED PROJECTS ON NANO-TECHNOLOGY</b>			
<b>2.</b>	<b>Dr. Sanjeev Kumar Tiwari</b>	Dept. of Physics & Material Science, JUIT, Wagnaghat, Solan 173234	Development of ZnO Based Nano-Generator for Small Electrical devices
<b>3.</b>	<b>Dr. Kalyan Sundar Ghosh</b>	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.