

## HP SPECIFIC RESEARCH AND DEVELOPMENT PROJECTS 2016-17

### MERIT LIST OF SHORTLISTED PROJECTS (GEN. PLAN)

MERIT NO.	REGD. NO.	PI NAME	ADDRESS	TITLE OF THE PROJECT	TOTAL BUDGET SANCTIONED (RS.)
1.	2.3.(2)	<b>Dr. Pradeep Kumar Singh,</b>	Dept. of CSE & IT, Jaypee University of Information Tech., Waknaghat, Dist. Solan(H.P)-173234	Early Forest Fire Detection System using Wireless Sensors and IOT for H.P Mountains	<b>6,17,918/-</b>
2.	2.7.(3)	<b>Dr. Varinder S Kanwar,</b>	Department of Civil Engineering, Chitkara University, Pinjore- Barotiwala Highway, Pin-174103	Alternative Construction Material made from Industry Sludge containing CaCo3 and a method to prepare the same	<b>6,25,000/-</b>
3.	2.3.(7)	<b>Dr. Naveen Chauhan,</b>	Department of Computer Science & Engineering, National Institute of Technology(NIT) Hamirpur-177005	Post disaster communication recovery using integrated mobile adhoc network	<b>6,63,000/-</b>
4.	2.5.(11)	<b>Dr. Gargi Khanna,</b>	E&CE Department, NIT Hamirpur	Automation in vision testing	<b>4,70,000/-</b>
5.	2.4.(6)	<b>Dr. Deepak Pant</b>	Central University	Development of value added products from waste plastics	<b>7,38,000/-</b>
6.	2.3.(3)	<b>Dr. Varun Dutt</b>	Indian Institute of Technology, Mandi, Admin. Block, Mandi-175001	Development and evaluation of landslide risk communication solutions in Mandi Distt. of H.P.	<b>5,12,600/-</b>
7.	2.7.(9)	<b>Dr. Kalpana Chauhan,</b>	School of Chemistry, Shoolini University, Solan	Design and application of new green adsorbents-cum-	<b>6,00,000/-</b>

				sensor for water application from industrial area of H.P.	
8.	2.5.(2)	<b>Dr. Venkata Krishnan,</b>	School of Basic Sciences and Advanced Materials Research Center, Indian Institute of Technology(IIT) Mandi , Kamand, Mandi-175005, H.P	Low Cost Bioinspired Point-of-Care Devices for Early Detection of Diseases Using Saliva as Diagnostic Fluid in Rural Himachal Areas	<b>6,60,000/-</b>
9.	2.6.(23)	<b>Dr.Gunjan Goel</b>	Jaypee University	Microbial interventions for generating renewable bio-energy in H.P. using pine needle forest litter.	<b>5,80,000/-</b>