

## HP SPECIFIC RESEARCH AND DEVELOPMENT PROJECTS 2016-17

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

#### DST(GoI) FUNDED PROJECTS-PHASE-1

| Me rit no. | Regd. no. | Name  | Address  | Title of the project  |
|------------|-----------|---|--|---|
| 1.         | 2.6.(12)  | <b>Dr. Satvasheel Powar,</b><br>Assistant Professor | Indian Institute of Technology (IIT), Mandi, Kamand, Admin. Block, Mandi-175001          | Design and development of efficient solar assisted corrugated box dryer   |
| 2.         | 2.6.(13)  | <b>Dr. P.S. Cheema,</b><br>Professor                | Akal College of Engineering & Technology, Eternal University, Baru Sahib, Sirmour-173101 | Linear Fresnel Reflector(LFR) concentrator based solar water purification system  |
| 3.         | 2.5.(4)   | <b>Dr. Kanwarjit Singh Asi,</b>                     | H.P. Govt. Dental College & Hospital, Shimla-1   | Efficacy of Locally Delivered 1% Alendronate Gel in the management of Periodontal Pocket in H.P.: A Pioneer Study                                   |
| 4.         | 2.8.(5)   | <b>Sh. Sunil Sharma,</b><br>Asstt. Prof.            | Dept. of Civil Engg., NIT Hamirpur   | Application of Geospatial technologies in the development of scientific approach to prioritize upgradation of roads constructed under PMGSY in H.P. |
| 5.         | 2.8.(2)   | <b>Dr. Anil Kumar</b>                               | Regional Horticultural Research & Training Station, Mashobra, Shimla                     | Characterization, classification and productivity potential of apple growing soils of North-West Himalayas using GPS-GIS techniques                 |
| 6.         | 2.3.(5)   | <b>Dr. Rajeshwar Singh Banshtu,</b>                 | Department of Civil Engineering, NIT Hamirpur-177005                                     | Seismic evaluation, repair and strengthening of masonry buildings in Dharamshala town H.P.  |
| 7.         | 2.4.(4)   | <b>Dr. Somesh Kumar Sharma,</b>                     | Department of Management Studies,, National Institute of Technology(NIT),                | Healthcare solid waste management practices in H.P: An assessment and development of strategic  |

|    |          |                         |                                       |   |
|----|----------|-------------------------|---------------------------------------|---|
|    |          |                         | Hamirpur (H.P)-177005                 | tools.  |
| 8. | 2.7.(13) | <b>Dr. Sanjay Sood,</b> | State Pollution Control Board, Shimla | Water pollution sources and their apportionment to water bodies of Paonta & Kala Amb industrial area and inventorisation of hazardous waste in these industrial areas |