

IHR State: **Uttarakhand [62 Projects]**

S#	Project Grant ID	Project Proponent	Project Title
1.	NMHS/2015-16/LG01/01	Er. Soukhin Tarafdar , Garhwal Unit, GBPNIHESD, Srinagar-Garhwal, Uttarakhand	Rejuvenation of Springs and Spring-fed Streams in Mid-Himalayan Basins using Spring Sanctuary Concept
2.	NMHS/2015-16/LG03/03	Prof. S.P. Singh , Central Himalayan Environment Association, Nainital, Uttarakhand	Timberline and Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a Warming Climate
3.	NMHS/2015-16/LG04/04	Dr. S. Sathyakumar , Faculty of Wild Life Sciences, Wildlife Institute of India, Chandrabani, Dehradun, Uttarakhand	Human-Wildlife Conflict Resolution Mechanism in Indian Himalayan Region: Risk Assessment, Prediction, and Management Through Research and Community Engagement
4.	NMHS/2015-16/LG05/05	Prof. A.P. Dimri , Dept. of Env. Sciences, Jawaharlal Nehru University, New Delhi	Dynamics of Himalayan Ecosystem and its Impact under Changing Climate Scenario
5.	NMHS/2015-16/MG01/01	Dr. Nanda Gopal Sahoo , Nanoscience and Nanotechnology center, Department of Chemistry, Kumaun University, Nainital, Uttarakhand	Environmentally Sustainable Smart Synthesis of Carbon Nano material along with the production of High Value Added Fuel and Additives for the Concrete Mixture from Waste Plastic, Hazardous Waste Around the Himalayan Region
6.	NMHS/2015-16/MG02/02	Dr. Anand Singh Jeena , Professor, Directorate of Experiment Station, G.B. Pant University of Agriculture & Technology, Pantnagar, U.S. Nagar, Uttarakhand	Collection, evaluation and conservation of native crops germplasm from Uttarakhand hills and pre-breeding through community participation
7.	NMHS/2015-16/MG03/03	Dr. Rajendra Dobhal , Uttarakhand State Council For Science & Technology (U-COST), Department of Science & Technology, Govt. of Uttarakhand, Dehradun, Uttarakhand	Enhancing livelihood of Himalayan communities through action research and transforming wild produces into high value products
8.	NMHS/2015-16/MG04/04	Dr. M. C. Nautiyal , High Altitude Plant Physiology Research Centre (HAPPRC), Hemwati Nandan Bahuguna Garhwal University (A Central University Srinagar (Garhwal), Uttarakhand	Establishment of Gene Pool, Propagation and Ex-Situ Conservation of selected sensitive high altitude Medicinal and Aromatic plant species and Nature Interpretation Site (NIS) for creating Awareness among the various stakeholders
9.	NMHS/2015-16/MG05/05	Dr. G.C.S. Negi/ SC Arya , Scientist 'F', GBPNIHESD, Kosi-Katarmal, Almora, Uttarakhand	A Sustainable Approach for livelihood improvement by Integrated Natural Resource Management in the central Himalaya
10.	NMHS/2015-16/SG01/01	Dr. A.K. Pandey , CSIR, National Geophysical Research Institute (NGRI), Uppal Road, Hyderabad, Andhra Pradesh	Geomorphic characterization of flash floods and mass wasting in upper Ganga terrain of Garhwal Himalaya: role of climate - tectonic interaction in gradation processes
11.	NMHS/2015-16/SG03/03	Shri. V.S. Meena , Scientist (Soil Science), ICAR-VPKAS, Almora, Uttarakhand	Identification, assessment and enhancement of soil carbon and nitrogen sequestration potential of different ecosystems in the central Himalayan through a participatory approach
12.	NMHS/2015-16/SG06/06	Prof. S.N. Bahuguna , Department of Zoology & Biotechnology, H.N.B Garhwal University, Srinagar-Garhwal, Uttarakhand	Population dynamics and Biogeography of Himalayan Mouse-Hare Ochotona roylei in relation to their impact on the medicinal flora of Western Himalaya
13.	NMHS/2015-16/SG07/07	Dr. Gajendra Singh , Uttarakhand Space Application Centre, Dehradun, Uttarakhand	Survey and Mapping of Medicinal and Aromatic Plants (MAPS) and other

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| 14. | NMHS/2015-16/SG10/10 | Er. R.K. Rohela
Cooperation Centre for Riverbank Filtration (CCRBF), Dehradun, Uttarakhand | RET/NTFPs on alpine regions of Uttarakhand and developing Uttarakhand-Alpine Information System (UK-AIS)
Drinking Water Security for Rural Areas in Uttarakhand Himalayas by Riverbank Filtration, Robust Disinfection Systems and Community Participation |
| 15. | NMHS/2016-17/LG07/01 | Dr. J.S. Rawat/ Dr Vivek Saxena,
IUCN, India Country Office, New Delhi | Coping with Uncertainty: Building Community Resilience and Ecosystem Based Adaptation to Climate Change in The Indian Himalayan Region |
| 16. | NMHS/2016-17/MG09/02
(for 2 Years only) | Dr. Lalit Pande,
Director, Uttarakhand Seva Nidhi Paryavarn Shikasa Sansthan, Jakhan Devi, Mall Road, Almora, Uttarakhand | Creating Communities of Practice and resilient village ecosystems in the mountain region of Uttarakhand |
| 17. | NMHS/2016-17/SG12/01 | Dr. Prakash Nautiyal, Department of Zoology & Biotechnology, HNB Garhwal University, Srinagar, Uttarakhand | Ecological monitoring and status of fish fauna in hydropower affected Alaknanda- Bhagirathi-Ganga Rivers |
| 18. | NMHS/2016-17/SG16/05 | Sh. B.M. Kandpal,
Society for Integrated Management of All Resources (SIMAR), Village: Haat Kalyani, Post Office: Dewal, UK | Promotion of High Value-Low volume crops based enterprises in Higher Himalayas of Uttarakhand |
| 19. | NMHS/2016-17/SG17/06 | Shri Satish Kandwal,
GAURAS -- Girish Grih Udyog Evam Resha Utpadn Samit, Kimsar, Kaleshwar Press, Badrinath Marg, Kotdwar, Pauri Garhwal Uttarakhand | Conservation of local ecology, and degraded or wasteland management through "Rambans" (Agave) plantation and generation of availability of resources in villages for providing base to livelihood activities |
| 20. | NMHS/2017-18/MG19/03 | Dr. Debashish Sen,
Peoples' Science Institute (PSI), 653, Indira Nagar, Dehradun 248006, Uttarakhand | Water Security Planning in the IHR through Hydro-geology Based and Community Driven Springshed Development |
| 21. | NMHS/2017-18/MG20/04 | Dr. Ramesh KV,
Principal Scientist (AcSIR)
CSIR Fourth Paradigm Institute (CSIR 4PI), NAL Belur Campus, Bangaluru-560 037, Karnataka | Enhancement of the quality of livelihood opportunities and resilience for the people in the Indian Himalayas, through Design of Intervention strategies aimed at maximizing resource potential and minimizing Risks in urban-rural ecosystem |
| 22. | NMHS/2017-18/MG22/06 | Mr. Manoj Maheshwari,
Institute of Himalayan Environmental Research and Education (INHERE), Masi, Almora, Uttarakhand | Development of natural resource based livelihood options and employment for small holder mountain farmers of Kumaon and Garhwal Himalayas with special focus on women in the Dudhatol region catchment of origin of River Ramganga (West) |
| 23. | NMHS/2017-18/MG23/07 | Dr. Mahendra Singh Kunwar,
Himalayan Action Research Centre (HARC), 744, Indira Nagar, Phase II, P.O. New Forest, Dehradun, Uttarakhand 248006 | Promoting Livelihoods by Innovation in Temperature Horticulture Crops in Garhwal and Kumaun Regions of Uttarakhand |
| 24. | NMHS/2017-18/MG29/13 | Dr. Sanjay Chikermane
Indian Institute of Technology Roorkee (IIT-R), Dehradun, Uttarakhand | Conservation of traditional buildings and dissemination of traditional knowledge while simultaneously generating alternate livelihood opportunities |
| 25. | NMHS/2017-18/MG32/16 | Dr. Dinesh Kumar
Forest Research Institute (FRI)
PO New Forest, Dehradun
Uttarakhand-248006 | Establishment of Community Fodder Banks in Forest Fringe Villages in Uttarakhand and Himachal Pradesh |

26. NMHS/2017-18/MG34/18 **Dr. Prashant Kumar Srivastav**
Institute of Environment and Sustainable Development, Banaras Hindu University, Varanasi, Uttar Pradesh
27. NMHS/2017-18/MG35/19 **Dr. I.D. Bhatt,**
Scientist-D, G.B. Pant National Institute of Himalayan Environment and Sustainable Development, Kosi-Katarmal, Almora, Uttarakhand-263643
28. NMHS/2017-18/MG39/23 **Dr. Rakesh Sah**
Uttarakhand Biodiversity Board (UKBB), Uttarakhand, 423, Indira Nagar Colony (Near Malik Chowk), Dehradun, Uttarakhand-248006
29. NMHS/2017-18/MG42/26 **Dr. V.P. Uniyal**
Professor & Scientist-F, Wildlife Institute of India (WII), Post Box 18, Chandrabani, Dehradun - 248 001, Uttarakhand
30. NMHS/2017-18/MG47/31 **Dr. Debi Prasanna Kanungo**
CSIR-Central Building Research Institute (CBRI), Roorkee, Uttarakhand-247667
31. NMHS/2017-18/MG49/33 **Santosh K. Upadhyay**
Assistant Professor
Dept. of Biotechnology
Kumaun University, Bhimtal Campus, Bhimtal, Uttarakhand-2
32. NMHS/2017-18/SG23/04 **Dr. R.K. Pant**
Project Director, Himalayan Institute For Environment, Ecology & Development (HIFEED), Street No. 4, Shastri Nagar, Haridwar Road, Dehradun, Uttarakhand-248001
(2 Years only)
33. NMHS/2017-18/SG32/13 **Dr. Renu Jethi**
Scientist (H.Sc Extension)
ICAR- Vivekananda Parvatiya Krishi Anusandhan Sansthan (ICAR-VPKAS), Almora, Uttarakhand-263601
(2 Years only)
34. NMHS/2017-18/SG37/18 **Dr. Nirmal Kumar**
Associate Professor of History
Sri Venkateswara College, New Delhi 110019
35. NMHS/2018-19/MG51/02 **Dr. Satish Kumar**
Alliance for an Energy Efficient Economy (AEEE), SAIRA TOWER, 4th Floor, N-161A, Gulmohar Enclave Yusuf Sarai, New Delhi-110049
36. NMHS/2018-19/MG52/03 **Dr. V.S.P. Sinha**
TERI School of Advanced Studies
10-Institutional Area, Vasant Kunj New Delhi 110070
37. NMHS/2018-19/MG53/04 **Shri Rajnish Jain**
AVANI, PO Tripuradevi, via Berinag District Pithoragarh, Kumaon Uttarakhand-262531
- Hyperspectral Imaging for sharper definitions of Himalayan Ecosystems and its high value plant species under climate uncertainties
- Promoting conservation of threatened plant species in west Himalayan region-A participatory approach
- Mainstreaming landscape approach for biodiversity conservation, improved livelihoods and ecosystem health in Kailash Sacred Landscape part of India
- Assessment and Conservation Practices of Pollinators through Community Participation in the Indian Trans Himalayan Region: Climate Change Perspective
- Evaluation and Design of Low-cost ground instrumentation with Real-Time Monitoring for the Development of Landslide Early Warning System
- To Establish a DNA- Barcoding and Chemotaxonomy Empowered Herbarium of Lichen-Species of Uttarakhand- Himalayan and Development of a Resource Group for Conservation and Characterization of Lichen-Biodiversity
- A Pilot Project for Promotion of Village Tourism in the Outer Periphery of Tehri Dam to Ensure Sustainable Livelihood Options to Youths and Women by Protecting Environmental and Local Cultural Heritage
- Strategies to Improve Health and Nutritional Status of Hill Farm Women through Technological Intervention
- Sustainable Tourism and Revival/ Preservation of Hill Cultures and Ecology in abandoned villages of Uttarakhand: A pilot project
- Towards climate responsive and low carbon development: Addressing the Critical Urban Issues in Residential and Transport sector in Uttarakhand
- Water Resource Management through Spring and Catchment Rejuvenation in Uttarakhand for Improving Water Security
- Harnessing the destructive energy in pine needles – demonstration units of electricity and charcoal generation from pine needles and study their socio-economic environmental

38. NMHS/2018-19/MG55/06
(Time Period: 1 Year only)
Dr. Vinay Sharma
Indian Institute of Technology
Roorkee, Uttarakhand-247667
impact on community in selected villages and economic viability for scaling in the Himalayan ecosystem
Socio-Economic Value Creation through Forest Bio-Residue Based Energy Generation in alignment with the UN's SDGs
39. NMHS/2018-19/MG57/08
Dr. Rajendra S. Bisht
Himaliyan Gram Vikas Samiti (HGVS)
Awlaghat Road, Post – Dasaithal via Gangolihat
District –Pithoragarh, Uttarakhand-262522
Uplifting socio-economic status and quality of life of rural women through integrated livelihood enhancement programme
40. NMHS/2018-19/SG48/03
Shri Rajendra Pant
Uttarapath Sewa Sanstha
PO-Muwani, Block –Kanalichhina Pithoragarh, Uttarakhand- 262552
Sustainable Natural Resources-based Livelihood and Capacity Building of Marginalized Stakeholders, particularly SC/ST Communities, and Women Empowerment in Uttarakhand
41. NMHS/2018-19/SG52/07
(Time Period: 2 Years)
Dr. Arvind Bijalwan
VCSG Uttarakhand University of Horticulture and Forestry, Ranichauri, Distt.- Tehri Garhwal
Uttarakhand- 249199
Adoption of Medicinal and Edible Mushroom integrated with climate resilient interventions for up-scaling livelihoods in Garhwal Himalaya
42. NMHS/2018-19/SG55/10
Dr. Vishal Singh
Centre for Ecology, Development and Research
201/1 Vasant Vihar, Dehradun
Uttarakhand-248006
Creating Climate-resilient Communities in Mid-Hills of Uttarakhand: Interventions Towards Forest & Water
43. NMHS/2018-19/SG56/11
Dr. K. Chandra Sekar
G.B. Pant National Institute of Himalayan Environment & Sustainable Development (GBPNIHESD), Kosi-Katarmal, Almora
Uttarakhand-263643
Assessing Climate Change Impacts on Floristic Diversity of Alpine Regions in West Himalaya
44. NMHS/2018-19/SG57/12
Dr. Vasudha Agnihotri
Centre for Land and Water Resource Management, G.B. Pant National Institute of Himalayan Environment & Sustainable Development, Kosi-Katarmal, Almora,
Uttarakhand- 263643
Pine Needle Based Wastewater Treatment System for Recycling of Domestic Waste Effluents
45. NMHS/2018-19/SG59/14
(Time Period: 2 Years)
Mohd. Asim Mirza
ENVIS Resource Partner on Renewable Energy and Climate Change, The Energy and Resources Institute (TERI), Darbari Seth Block, India Habitat Centre, Lodhi Road
New Delhi-110003
Skill Development to sustain and enhance technical knowledge in Solar Energy & Rural Technologies Systems
46. NMHS/2018-19/SG60/15
Dr. S.K. Mishra
Mushroom Research and Training Centre
G.B. Pant University of Agriculture and Technology
Pantnagar, Udham Singh Nagar
Uttarakhand-263145
Production of Growing Medium of Button Mushroom through New Invented Semi-Automatic Portable Composting Structure at the Door of Beneficiaries (Women and ST/SC Community People) of Uttarakhand Hills
47. NMHS/2018-19/SG61/16
(Time Period: 1 Year only)
Ms. Amrita Goldar
Indian Council for Research on International Economic Relations (ICRIER)
Linking Tourism, Local Environment and Waste Generation in Indian Himalayan States Using CGE Model: Case-Study of Uttarakhand

- Period: 1 year)** Core 6A, 4th Floor, India Habitat Centre
Lodi Road, New Delhi-110003
48. NMHS/2018-19/SG65/20 **Prof. B.S. Kotlia**
Kumaun University, Nainital
Kaladungi Road, Sleepy Hallow, Nainital
Uttarakhand 263001
Study of Arsenic and Other Water Contaminants in Uttarakhand State
49. NMHS/2018-19/SG69/24 **Dr. Manoj Kumar**
Forest Research Institute (FRI)
Dehradun, Uttarakhand-248006
Geospatial Mapping of RET and Other Important NWFP Species and Capacity Building for Their Community-based Conservation in the Tribal Areas of Uttarakhand
50. NMHS/2019-20/MG59/01 **Dr. G.C.S Negi**
Scientist-'G' and Group Head
G.B. Pant National Institute of Himalayan Environment & Sustainable Development (GBPNIHESD), Kosi-Katarmal, Almora-263643
Himalaya Calling: Bridging science, policy and practice to foster sustainable development in the Indian Himalayan region (IHR)
51. NMHS/2019-20/MG61/03 **Dr. Hitendra Padalia**
Indian Institute of Remote Sensing (IIRS),
ISRO Dept. of Space, Govt. of India 4,
Kalidas Road, Dehradun, Uttarakhand
Himalayan Alpine Biodiversity Characterization and Information System-Network
52. NMHS/2019-20/MG62/04 **Dr. Sandipan Mukherjee**
GBPNIHESD, Kosi, Katarmal, Almora,
Uttarakhand
Pine-Oak Ecosystem: Interactions with Water–Climate–Chemistry
53. NMHS/2019-20/MG63/05 **Dr. Reeta Goel**
G.B. Pant University of Agriculture and Technology, Pantnagar, U. S. Nagar,
Uttarakhand
Characterization of Kidney Bean (Rajmah) Rhizosphere Microbiome from Higher Altitude of Indian Central Himalaya
54. NMHS/2019-20/MG64/06 **Dr. Seema Gupta**
Professor
Department of Statistics, Ramlal Anand College, Delhi University, Benito Huarej Road, New Delhi 110021
Enhancement of Livelihood Opportunities through Sustainable Development using Multifaceted Support Plans for Village Cluster around Patiya in Takula Block, Almora District, Uttarakhand
55. NMHS/2019-20/MG65/07 **Dr. Renoj Thayyen**
National Institute of Hydrology (NIH),
Roorkee, Uttarakhand
Permafrost Mapping and Characterization of Western Himalayan Region
56. NMHS/2019-20/SG77/08 **Dr. Narayan Singh**
The Energy Reseach Institute (TERI),
Darbari Seth Block, IHC Complex, Lodhi Road, New Delhi 110 003
Income Generation Programme for Rural Women Farmers through Commercial Production of Some Promising Medicinal and Aromatic Plants in Garhwal and Kumaon Regions of Uttarakhand
57. NMHS/2020-21/MG71/02 **Dr. Surendra Kumar Mishra**
Department of Water Resources Development & Management Indian Institute of Technology Roorkee (IIT-R)
Roorkee, Uttarakhand-247667
Green technology for detection of Leakage & Heavy Metals and prevention of choking in pipe networks and its demonstrations in Himalayan setups
58. NMHS/2020-21/MG73/04 **Dr. Vasudha Pant**
Secretary, Green Hills Trust, Kranti Kutir,
Poorvi Pokhakhali, Almora Uttarakhand-263601
Exploring Livelihood Potential of Wild Growing Stinging Nettle (*Urtica dioica*) in Uttarakhand
59. NMHS/2020-21/MG75/06 **Dr. Rajiv Pandey**
Forest Informatics Division Forest Research Institute (FRI), P.O New Forest, Dehradun,
Uttarakhand-248006
Ecosystem Functioning and Services of Himalaya Temperate Forest under Anthropogenic Change: A Plant Functional Trait based Evaluation
60. NMHS/2020-21/MG77/08 **Dr. Bilal Habib**
Scientist-E & Head of Animal Ecology &
Response to Anthropocene and Climate Change: Movement Ecology of Selected

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| 61. | NMHS/2020-21/MG78/09
(Time Period: 2 Years) | Conservation Biology Wildlife Institute of India (WII), P.O. Box 18 Chandrabani, Dehradun, Uttarakhand-248001
Prof. Madhusoodanan M.S. Director, Amity Institute of Global Warming and Ecological Studies (AIGWES) J1-Block, Room No. 15, Ground Floor Amity University Campus, Sector-125, Noida Uttar Pradesh-201313 | Mammal Species across the Indian Himalayan Region

Protocol for Rejuvenation of springs in Uttarakhand with due preparedness for climate change |
| 62. | NMHS/2020-21/MG79/10 | Er. Vaibhav E. Gosavi
Scientist-C, G.B. Pant National Institute of Himalayan Environment (GBPNIHE) Kosi-Katarmal, Almora, Uttarakhand-263643 | Spring Rejuvenation for Water Security in Himalaya |
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