

**G.B.Pant National Institute of Himalayan Environment  
Kosi-Katarmal, Almora (Uttarakhand)-263643**

List of ONGOING EXTERNAL FUNDED Projects/Schemes/Programs Financial Year 1988-89 to 2020-2021

S. No.	Name of the Project	P.I.	Duration	Funding Agency	Total project outlay	Total funds received	Status
1	<b>ENVIS Center (G.C.S.N) Project:</b> Himalayan Ecology and development”	Dr. G.C.S Negi	1992 onward	MoE&F, New Delhi	Year wise plan	Year wise plan	Ongoing
2	<b>ISRO-GBP-JCK-I (H.P.) Project:</b> Aerosols Climatology over the northwestern Indian Himalayan region, Himachal Pradesh.	Dr. J.C. Kuniyal	2005 onward	Physical Research Laboratory Dept. of Space, Ahmedabad	Year wise plan	Year wise plan	Ongoing
3	<b>ISRO-GBP-JCK-II (E.O.) Project:</b> Suitable lab space & Establish Environmental observatory, Gaseous air pollution in the background site of sprawling urban environment of Himachal Pradesh.	Dr. J.C. Kuniyal	2008 onward	Physical Research Laboratory Dept. of Space, Ahmedabad	Year wise plan	Year wise plan	Ongoing
4	<b>NMHS-IHTP-GCSN- Project-</b> Timberline on Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a Warming Climate.	Dr. G.C.S. Negi	2016-2021	NMHS-CHEA, Nainital	38,75,000.00	36,68,199.00	Completed 31.03.2021
5	<b>NMHS-IHTP-RSR- Project</b> Timberline on Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a Warming Climate.	Dr. I. D. Bhatt	2016-2021	NMHS-CHEA, Nainital	65,35,000.00	56,11,269.00	Completed 31.03.2021
6	<b>NMHS-IHTP-S.Sharma Project</b> Timberline on Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a Warming Climate.	Dr.Subrat Sharma	2016-2021	NMHS-CHEA, Nainital	56,15,000.00	55,37,708.00	Completed 31.03.2021
7	<b>NMHS-IHTP-R.J Project-</b> Timberline on Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a Warming Climate.	Dr.Rajesh Joshi	2016-2021	NMHS-CHEA, Nainital	84,25,863.00	84,25,863.00	Completed 31.03.2021
8	<b>NMHS-CHEA (H K B/Devendra Kumar) Project-</b> Timberline on Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a Warming Climate.	Dr.D.Kumar	2016-2021	NMHS-CHEA, Nainital	57,08,148.00	54,08,148.00	Completed 31.03.2021

9	<b>NMHS-MG-D.Kumar tourism project</b> Promotion of Sustainable Community Based Tourism in the khangechendzonga Landscape Linking Livelihoods with Nature Conservation	Dr. Devendra Kumar	2018-2021	NMHS	1,76,38,180.00	99,40,340.00	Ongoing
10	<b>NMHS IIT- S SASHNI hp unit project</b> Development of sustainable rural livelihood options utilizing locally available Bio-resources through transformative Rural Technologies in the Indian Himalaya Regions of himanchal Pradesh and Sikkim	Dr. S. Sashni	2018-2021	Indian institute of Technology Delhi IIT DELHI	10,06,000.00	7,94,000.00	Ongoing
11	<b>NMHS UBB-RSR project</b> Mainstreaming landscape approach for Biodiversity Conservation Livelihood and Ecosystem Health in Indian part of Kailas sacred Landscape	Dr. I. D. Bhatt	2018-2021	उत्तराखण्ड जैवविविधिता बोर्ड देहरादून।	80,00,000.00	35,52,065.00	Ongoing
12	<b>NMHS-SD-SM project</b> Integrated System dynamical model to design and testing Alternative intervention strategies for Effective Remediation & Sustainable water Management for two selected river basins of Indian himalay	Dr. S. Mukherjee new	2018-2021	NMHS	61,14,400.00	33,97,494.00	Ongoing
13	<b>NMHS-CSIR RAJAN JOSHI project</b> Enhancement of the quality of Livelihood opportunities and Resilience for the People in the Indian Himalaya trough Design of Interventions strategies.	Mr. Rajan Joshi	2018-2021	ICSR under NMHS	51,84,449.00	27,12,134.00	Ongoing
14	<b>NMHS- MG I. D. B project</b> Promoting Conservation of threat med plant species in west Himalayan region-A Participatory approach	Dr. I.D Bhatt	2018-2021	NMHS	97,22,000.00	61,55,412.00	Ongoing
15	<b>NMHS-BHU project</b> Hyper spectral Imaging for sharper definitions of Himalayan Ecosystems and its high value plant species under climate uncertainties	Dr. K.C. Sekar	2018-2021	Banaras Hindu University (BHU) under NMHS	33,31,680.00	14,73,131.00	Ongoing

16	<b>UNDP–J.C. K project</b> “Undertaking a study to define the Extent and intensity of habitat degradation, to identify the drivers of degradation and prepare a study proposal for developing model mitigation plan in alpine and sub-alpine areas in SECURE Himalaya project landscapes of Uttarakhand”	Dr. J.C. Kuniyal	2018-2021	UNDP	80,00,000.00	76,15,539.00	Ongoing
17	<b>UNDP-IDB project</b> SECURE HIMALAYAN PROJECT (Under UNDP)	Dr. I.D Bhatt	2018-2020	UNDP	88,00,000.00	69,90,00.00	Completed 31.03.2021
18	<b>NMHS- Pine Needle-V.A project</b> Pine needle Based Wastewater Treatment System for Recycling of Domestic Waste Effluents.	Dr. V. Agnihotri	2019-2022	NMHS	44,49,600.00	34,24,400.00	Ongoing
18	<b>NMHS- Dr. K. C. Sekar project</b> Assessing Climate change Impacts on Floristic Diversity of alpine Regions in West Himalaya.	Dr. K.C.Sekar	2019-2022	NMHS	44,44,600.00	21,52,200.00	Ongoing
19	<b>SERB-S.M project</b> Investigation of rainfall vertical structure and rainfall induced erosive over a Garhwal Himalaya station using in-situ observation modeling.	Dr. S.Mukherjee	2019-2022	SERB-DST Delhi	49,97,762.00	48,00,000.00	Ongoing
20	<b>UNESCO-MAB.net project</b> Inclusion of Cold Desert Biosphere Reserve in the World network of Biosphere Reserves (WNBR) of Man and Biosphere (MAB) Programme of UNESCO	Mrs. Sharla Shashni	2018-2020	UNESCO	6,99,660.00	6,99,660.00	Ongoing
21	<b>NMHS-IHBT CSIR project</b> Ex-situ conservation and development of gene bank of commercially important threatened medicinal plants in the high altitude areas, Himachal Pradesh.”	Dr.K. S. Kanwal	2019-2022	IHBT	21,44,558.00	14,65,000.00	Ongoing
21	<b>NMHS- Shoolini University project</b> Returning Taxus to the Forests and the People: a study in Shimla and Kullu Districts of the Indian Himalaya Region	Dr.K.S.Kanwal	2019-2022	NMHS S. University	16,38,750.00	5,45,675.00	Ongoing
22	<b>CSIR-NBRI-IDB project</b> Breeding and genetic improvement of Hemp (Cannabis sativa L.) for industrial and medicinal purposes	Dr.I.D.Bhatt	2019-2022	CSIR-NBRI	7,50,000.00	4,00,000.00	Ongoing

23	<b>NMHS-NLC-IDB project</b> Up gradation and renovation of existing NLC at GBPNIHED and Arboretum at Sikkim regional centre	Dr. I.D.Bhatt	2020-2021	NMHS Only non-recurring grants	1,00,00,000.00	1,00,00,000.00	Ongoing
24	<b>NMHS-DCF-JCK project</b> Data Centre Facility for Indian Himalayan Region (IHR)	Dr. J.C.Kuniyal	2019-2021	NMHS Only non-recurring grants	1,00,00,000.00	1,00,00,000.00	Ongoing
25	<b>NMPB-Dr. A.K. Jugran (G.R.C Project)</b> Standardization of propagation protocols for mass multiplication, biochemical assessment and elite identification of Malaxismucifera and Malaxis acuminata in Western Himalaya.	Dr.A.K. Jugran	2019-2022	National Medicinal Plants Board (Ministry of AYUSH)	36,07,000.00	17,02,600.00	Ongoing
26	<b>DEST-V.E.Gosavi Project</b> Spring shed management: A strategy for climate change adaptation inventory and revival of spring	Dr. V.E. Gosavi	2019-2021	Department of Environment Science & Technology	9,90,820.00	5,94,492.00	Ongoing
27	<b>DBT-Dr. Mithilesh Singh project</b> Bio prospecting of medicinal of Sikkim Himalaya against cancer angiogenesis	Dr. Mithilesh Sing	2019-2022	Department of Biotechnology (DBT)	70,02,120.00	48,46,760.00	Ongoing
28	<b>NMHS-HHACL- S.M project</b> Himalayan High Altitude Cold Laboratory for Glacial Hydrodynamics and Meteorological Study of GBPNIHESD	Dr. S.Mukherjee	2019-2021	NMHS	3,80,00,000.00	3,80,00,000.00	Ongoing
29	<b>NMPB-VI-Dr.I. D. Bhatt project</b> Promoting restoration programmes on degraded lands through medicinally important species-A participatory approach	Dr. I.D.Bhatt	2019-2022	National medicinal Plants Board (Ministry of AYUSH)	63,55,000.00	38,13,000.00	Ongoing
30	<b>ISRO- SAC (Alpine-2) project</b> Characterizing Patterns and Processes of Alpine Ecosystem in Indian Himalayan with Special Emphasis to Kumaon, Uttarakhand	Dr. S.Sharma	2019-2022	SAC-ISRO Ahmedabad	27,69,000.00	15,00,000.00	Ongoing
31	<b>NMHS- Kosi river Dr.V.A SGP Project</b> Rejuvenation the Kosi river of Kumaun Himalaya through field intervention and peoples participation”	Dr. Vasudha Agnihotri	2019-2022	NMHS/SGP	50,84,800.00	25,53,600.00	Ongoing
32	<b>NMHS-SSS-HPRC/-Anita pandey project</b>	Dr. Mithilesh Singh	2018-2021	NMHS	44,78,545.00	31,84,480.00	Ongoing

	Microbial Entophytes and soil Enzymes as Indicators of Climate resilience with Respect to Himalaya Birch: A Critically Endangered Timber line Species”						
33	<b>NMHS-AJ-GRC-Project</b> Characterization of Kidney bean (Rajmah) rhizosphere micro biome from a higher altitude of Indian Central Himalaya and its field applications	Dr. Arun Kumar Jugran	2019-2021	NMHS	21,51,440.00	21,51,400.00	Ongoing
34	<b>NMHS-Pine Oak-Ecosystem-SM project</b> Pine-Oak Ecosystem Interactions with Water-Climature-Chemistry	Dr. Sandipan Mukherjee	2019-2021	NMHS	2,49,35,760.00	1,32,89,680.00	Ongoing
35	<b>NMHS-Dr. V.E Gosavi project</b> Spring Rejuvenation for water Security in Himalaya	Dr. V. E Gosavi	2020-2023	NMHS	4,99,90,911.00	2,37,10,004.00	Ongoing
36	<b>NMHS-RCS/GCS Himalaya Calling project</b> Himalaya Calling Bridging science policy and practice to foster sustainable development in the Indian Himalaya region (IHR)	Dr. R.C Sundriyal Dr. G.C.S Negi	2019-2022	NMHS	4,96,16,800.00	1,69,97,600.00	Ongoing
36	<b>NMHS-IIRS-KCS project</b> NMHS-Himalaya Alpine Biodiversity Characterization and information System-Network	Dr. K. C. Sekar	2020-2023	Indian Institute of Remote Sensing (IIRS)	37,03,280.00	13,01,760.00	Ongoing
37	<b>CSIR-NBRI-IDB project</b> Breeding and genetic improvement of Hemp (Cannabis sativa L.) for industrial and medicinal purpose	Dr. I. D. Bhatt	2019-2020	National Botanical Research Institute	7,50,000.00	4,00,000.00	Ongoing
38	<b>ICFRE-CAMPA(MoEF) Forest-Fire GCSN project</b> Estimation of economic losses in real term per hectare basis due to Forest Fire in Uttarakhand and Madhya Pradesh	Dr. G.C.S Negi	2020-2022	Indian Institute of Forestry Research and Education (ICFRE)	1,05,05,888.00	52,53,000.00	Ongoing
39	<b>NMHS-NIH-Roorkee Dr. V.A project</b> Permafrost mapping and characterization of Laddakh region	Dr. Vasudha Agnihotri	2020-2023	National Institute of Hydrology, Roorkee (NIH)	61,64,800.00	47,13,600.00	Ongoing
40	<b>PDSEP-State Environment plan-JCK project</b> Preparation of State Environment Plan for Uttarakhand	Dr. J. C. Kuniyal	2020-2022	Uttarakhand Environment Protection & Pollution Control Board.	1,37,.55,496.00	68,77,748.00	Ongoing

41	<b>PBR-Phase-II Mrs. S.Shashni HPRC Project</b> Preparation of Peoples' Biodiversity Register of Kullu District and its Representative Blocks	Mrs. Sarla Shashni	2020-2021	Himachal Pradesh State Biodiversity Board	8,50,000.00	7,80,000.00	Ongoing
42	<b>NMHS-V.E Gosavi project</b> Spring Rejuvenation for water Security Himalaya	Dr. V.E. Gosvi	2020-2023	NMHS	4,99,90,911.00	2,37,10,004.00	Ongoing
43	<b>NMHS-RL-HPRC-project</b> Modeling and Forecasting of High impacts Weather Events in the Beas basin, and Designing a proto-type Advance Warning System for Mitigation their Adverse Impacts”	Dr. Renu Lata	2020-2023	NMHS	63,45,780.00	21,15,260.00	Ongoing
44	<b>NMHS-FRI-IDB</b> Ecosystem Functioning and Services of Himalaya Temperate Forest under Anthropogenic Change: A Plant Functional Trait based Evaluation	Dr. I.D. Bhatt	2020-2023	FRI-under NMHS	Sanction letter no received	15,76,750.00	Ongoing
45	<b>NMHS-IIT-Guwahati ST project</b> Cumulative Impacts Assessment for Cascading Interventions in Himalaya Rivers(Ci2HR)	Mr. Soukhin Tarafdar	2020-2021	IIT-Guwahati	17,74,952.80	17,74,952.80	Ongoing
46	<b>UCST-IDB project</b> Promoting conservation and utilization of Dactylorhiza hatagirea (D.Don) soo and Paris polyphylo Smith using biotechnological and ecological approaches in Western Himalaya	Dr. I. D. Bhatt	2020-2022	Uttarakhand State Council for Science & Technology	6,67,300.00	2,90,000.00	Ongoing
47	<b>Himmothan Society-GCSN project/Scheme/Program</b> “Impact Assessment Study”	Dr. G.C.S. Negi	2020-21	Himmothan Society	2,53,228.00	2,53,228.00	Ongoing
48	<b>FSPF-NABARD-S.Shashni pro. NABARD project on</b> Conservation and Management of traditional beekeeping (Apis cerena) practices through development of honey based sustainable livelihood in Kullu valley, Himachal Pradesh	Mrs. Sharla Shashni	2021-2023	NABARD	15,50,000.00	3,10,000.00	Ongoing