



कुमाऊँ विश्वविद्यालय, नैनीताल (उत्तराखण्ड)  
KUMAUN UNIVERSITY, NAINITAL (UTTARAKHAND)

Registrar  
कुलसचिव

☎: 05942-235563  
e-mail: registrar@kunainital.ac.in

Ref: 3.2.2 Grants for Research Projects sponsored by the government agencies Date:  
2015-16

S.No.	Name of the Scheme/Project	Name of the Principal Investigator/Co-PI	Name of the Funding Agency	Type (Government/ Non-Government)	Department	Year of Award	Funds Provided	Project Duration
1	Are Rhododendron more adapted to climate change in comparison to other under canopy tree species in <i>Quercus leucotrichophora</i> and <i>Quercus semecarpifolia</i> forest of Kumaun	Dr. Bhawna Tewari	University Grant Commission (UGC), Govt. of India, New Delhi	Government	Forestry	2012	26,52,000	5 years
2	Establishment of Ideal nursery for Awala and Tejpat Chamoli Uttarakhand.	Prof. Jeet Ram	National Medicinal Plant Mission Uttarakhand (HRVI)	Government	Forestry	2014	20,00,000	3 years
3	Conservation of the musk deer and its fodder plants through community participation in Uttarakhand	Dr. Ira Tewari	Department of Science and Technology (DST)- Disha, Govt. of India, New Delhi	Government	Forestry	2015	24,27,300	3 years
4	Deciphering high resolution climatic changes in Indian Himalaya for the last 20,000 years by employing manifold archives with emphasis on extreme climatic events of multi-annual to decadal and longer time scales	Dr. B.S. Kotlia	Ministry of Earth Sciences, Govt. of India	Government	Geology	2015	71,39,000	4 years
5	Pharmacognostic, phytochemical and ethnopharmacological investigations on <i>Marchantia</i> species growing in Kumaun Himalaya	Dr Mahendra Rana	UGC, New Delhi	Government	Pharmacy	2015	6,19,600	3 years
6	Promotion of Cheura and Wild Apricot	Dr Ashish Tewari	Deptt. Of Agriculture,	Government	Forestry	2015	12,41,000	2 years





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	through plantation and trainings in Kumaun region of Uttarakhand and assessing their role in climate change mitigation		Cooperation & Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India					
7	Large Scale Geological-Geomorphological Mapping of Rudraprayag-Sonprayag Area, Mandakini River Valley National Highway No., Uttarakhand	Dr. P.D. Pant	NRDMS, DST, Ministry of Science & Technology, Govt. of India	Government	Geology	2015	17,60,000	3 years
8	Contribution of Homegarden agroforestry to livelihood of rural Farmers in Nainital, Uttarakhand (2015-2018), UGC, New Delhi.	Prof. S.S. Bargali (PI); Dr. Kiran Bargali (Co-PI)	UGC, New Delhi	Government	Botany	2015	11,27,000	3 years
<b>Total</b>							<b>1,89,65,900</b>	

2016-17

S.No.	Name of the Scheme/Project	Name of the Principal Investigator/Co-PI	Name of the Funding Agency	Type (Government/ Non-Government)	Department	Year of Award	Funds Provided	Project Duration
1	Are Rhododendron more adapted to climate change in comparison to other under canopy tree species in <i>Quercus leucotrichophora</i> and <i>Quercus semecarpifolia</i> forest of Kumaun	Dr. Bhawna Tewari	University Grant Commission (UGC), Govt. of India, New Delhi	Government	Forestry	2012	26,52,000	5 years
2	Establishment of Ideal nursery for Awala and Tejpat	Prof. Jeet Ram	National Medicinal Plant	Government	Forestry	2014	20,00,000	3 years





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Ref:							Date:	
3	Chamoli Uttarakhand.		Mission Uttarakhand (HRVI)					
	Conservation of the musk deer and its fodder plants through community participation in Uttarakhand	Dr. Ira Tewari	Department of Science and Technology (DST)- Disha, Govt. of India, New Delhi	Government	Forestry	2015	24,27,3 00	3 years
4	Deciphering high resolution climatic changes in Indian Himalaya for the last 20,000 years by employing manifold archives with emphasis on extreme climatic events of multi- annual to decadal and longer time scales	Dr. B.S. Kotlia	Ministry of Earth Sciences, Govt. of India	Government	Geology	2015	71,39,0 00	4 years
5	Pharmacognostic, phytochemical and ethnopharmacolog ical investigations on <i>Marchantia</i> species growing in Kumaun Himalaya	Dr Mahendra Rana	UGC, New Delhi	Government	Pharmac y	2015	6,19,60 0	3 years
6	Promotion of Cheura and Wild Apricot through plantation and trainings in Kumaun region of Uttarakhand and assessing their role in climate change mitigation	Dr Ashish Tewari	Deptt. Of Agriculture, Cooperation & Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India	Government	Forestry	2015	12,41,0 00	2 years
7	Large Scale Geological- Geomorphological Mapping of Rudraprayag- Sonprayag Area, Mandakini River Valley National Highway No., Uttarakhand	Dr. P.D. Pant	NRDMS, DST, Ministry of Science & Technology, Govt. of India	Government	Geology	2015	17,60,0 00	3 years
8	Contribution of	Prof. S.S. Bargali	UGC, New	Government	Botany	2015	11,27,0	3 years





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Ref:								Date:
	Homegarden agroforestry to livelihood of rural Farmers in Nainital, Uttarakhand (2015-2018), UGC, New Delhi.	(PI); Dr. Kiran Bargali (Co-PI)	Delhi	ent				00
9	Socio-Economic Status of Denotified and Nomadic Tribes in India: With special reference to Himachal Pradesh, Uttarakhand, Jammu & Kashmir and Uttar Pradesh	Prof. B.S. Bisht	Indian Council of Social Science Research, Ministry of Human Resource Development, Govt. of India	Government	Sociology	2016	48,00,000	2 years
10	Ecological, taxonomical and ethnobotanical study of wild edible plants of Nainital district in Uttarakhand, India	Prof. Lalit M. Tiwari (PI); Drs. Ashish Tiwari and Geeta Tewari (co-PIs)	GBPNIHED, Kosi Katarmal	Government	Botany	2016	13,65,000	3 years
11	Impact of hypolimnetic aeration on ecology of Naukuchiyatal, lake, Kumaun Himalaya	Prof. P.K. Gupta	GBPNIHED, Kosi Katarmal	Government	Zoology	2016	14,71,250	3 years
12	Tree Water Relation: Another Perspective Determining Altitudinal Limits of Timberlines in the Himalayan Region (Sub-project under the coordinated project entitled "Timberline and Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a warming climate")	Dr. Ashish Tewari	Ministry of Environment, Forest and Climate change (MoEF&CC), Govt. of India, New Delhi (NMHS)	Government	Forestry	2016	58,99,000	5 years
13	Construction of	Dr. Nandan Singh	SERB, DST,	Government	Physics	2016	28,02,000	3 years





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	Polarization Coded Aperture Imaging System using Spatial Light Modular		Ministry of Science & Technology, Govt. of India	ent			34	
14	Investigations on prevalence and epidemiology of Sickle cell disease in Uttarakhand	Prof. S.S. Bisht	USCOST, Department of Science & Technology, Govt. of Uttarakhand	Government	Zoology	2016	7,47,400	1 year
15	Environmentally Sustainable Smart Synthesis of carbon nanomaterial along with the production of high value added fuel and additives for the concrete mixture from waste plastic, a hazardous waste around the Himalayan region	Prof N.G. Sahoo	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Chemistry	2016	1,97,88,800	3 years
16	Impact of hypolimnetic aeration on ecology of Naukuchiyatal, lake, Kumaun Himalaya	Dr P K Gupta	GBPNIHED, Kosi Katarmal	Government	Zoology	2016	14,71,250	3 years
17	Molecular characterization and fatty acid profiling of promising microalgal species for biodiesel production from the fresh water lake Nainital, Uttarakhand	Dr Veena Pande	Uttarakhand Council for Biotechnology, Uttarakhand	Government	Biotechnology	2016	8	3 years
18	Studies on the nutrient content of fodder species available along the altitudinal gradient in Uttarakhand and variation of nutrient contents during various	Prof. S.S. Bisht	USCOST, Department of Science & Technology, Govt. of Uttarakhand	Government	Zoology	2016	7,47,400	1 year






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Ref:	seasons						Date:		
19	Revising Hill Agrioculture: Medicinal & Aromatic Plants and Traditional Knowledge System	Prof. H.S. Dhami	Directorate of Economics & Statistics, Govt. of Uttarakhand	Government	Mathematics	2016	3,00,000	1 year	
20	Status of Quality of Education in Uttarakhand (Kumaun Division)	Prof. B.L. Sah	Directorate of Economics & Statistics, Govt. of Uttarakhand	Government	Political Science	2016	3,00,000	1 year	
21	Status of the Health & Pharmaceutical care in the Hills of Uttarakhand	Dr. M. Rana	Directorate of Economics & Statistics, Govt. of Uttarakhand	Government	Political Science	2016	3,00,000	1 year	
22	Assessment of Core Competency of Skills and Natural Resources of the Districts	Prof. S.S. Bisht	Directorate of Economics & Statistics, Govt. of Uttarakhand	Government	Political Science	2016	3,00,000	1 year	
23	Woman Participation in decision Making and Woman Drudgery in Higher Hilly Districts of Uttarakhand	Prof. Indu Pathak	Directorate of Economics & Statistics, Govt. of Uttarakhand	Government	Political Science	2016	3,00,000	1 year	
24	A study on some antioxidant and antimicrobial activity bearing aromatic and medicinal plants of North-West Himalaya: Their active constituents, activity and impact of environment factors on their active constituents	Prof. G. C. Shah	GBPNIHED, Kosi Katarmal	Government	Chemistry	2016	12,99,500	3 years	
							<b>Total</b>	6,08,57,542	
2017-18									

  
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2	Deciphering high resolution climatic changes in Indian Himalaya for the last 20,000 years by employing manifold archives with emphasis on extreme climatic events of multi-annual to decadal and longer time scales	Dr. B.S. Kotlia	Ministry of Earth Sciences, Govt. of India	Government	Geology	2015	71,39,000	4 years
3	Pharmacognostic, phytochemical and ethnopharmacological investigations on <i>Marchantia</i> species growing in Kumaun Himalaya	Dr Mahendra Rana	UGC, New Delhi	Government	Pharmacy	2015	6,19,600	3 years
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5	Contribution of Homegarden agroforestry to livelihood of rural Farmers in Nainital, Uttarakhand (2015-2018), UGC, New Delhi.	Prof. S.S. Bargali (PI); Dr. Kiran Bargali (Co-PI)	UGC, New Delhi	Government	Botany	2015	11,27,000	3 years





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6	Socio-Economic Status of Denotified and Nomadic Tribes in India: With special reference to Himachal Pradesh, Uttarakhand, Jammu & Kashmir and Uttar Pradesh	Prof. B.S. Bisht	Indian Council of Social Science Research, Ministry of Human Resource Development, Govt. of India	Government	Sociology	2016	48,00,000	2 years
7	Ecological, taxonomical and ethnobotanical study of wild edible plants of Nainital district in Uttarakhand, India	Prof. Lalit M. Tiwari (PI); Drs. Ashish Tiwari and Geeta Tewari (co-PIs)	GBPNIHED, Kosi Katarmal	Government	Botany	2016	13,65,000	3 years
8	Impact of hypolimnetic aeration on ecology of Naukuchiyatal, lake, Kumaun Himalaya	Prof. P.K. Gupta	GBPNIHED, Kosi Katarmal	Government	Zoology	2016	14,71,250	3 years
9	Tree Water Relation: Another Perspective Determining Altitudinal Limits of Timberlines in the Himalayan Region (Sub-project under the coordinated project entitled "Timberline and Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a warming climate")	Dr. Ashish Tewari	Ministry of Environment, Forest and Climate change (MoEF&CC), Govt. of India, New Delhi (NMHS)	Government	Forestry	2016	58,99,000	5 years
10	Construction of Polarization Coded Aperture Imaging System using Spatial Light Modular	Dr. Nandan Singh	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Physics	2016	28,02,034	3 years
11	Environmentally Sustainable Smart Synthesis of	Prof N.G. Sahoo	NMHS, GBPNIHED, Kosi	Government	Chemistry	2016	1,97,88,800	3 years





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	carbon nanomaterial along with the production of high value added fuel and additives for the concrete mixture from waste plastic, a hazardous waste around the Himalayan region		Katarmal, Almora					
12	Impact of hypolimnetic aeration on ecology of Naukuchiyatal, lake, Kumaun Himalaya	Dr P K Gupta	GBPNIHED, Kosi Katarmal	Government	Zoology	2016	14,71,250	3 years
13	Molecular characterization and fatty acid profiling of promising microalgal species for biodiesel production from the fresh water lake Nainital, Uttarakhand	Dr Veena Pande	Uttarakhand Council for Biotechnology, Uttarakhand	Government	Biotechnology	2016	8	3 years
14	A study on some antioxidant and antimicrobial activity bearing aromatic and medicinal plants of North-West Himalaya: Their active constituents, activity and impact of environment factors on their active constituents	Prof G. C. Shah	GBPNIHED, Kosi Katarmal	Government	Chemistry	2016	12,99,500	3 years
15	Solar filament eruptions and their space weather consequences	Prof. Ramesh Chandra	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Physics	2017	21,84,930	3 years
16	A Sustainable approach for	Dr. Chitra Pande	GBPNIHED, Kosi	Government	Chemistry	2017	9,95,000	3 years





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Ref:		Date:						
	cleanup of metal polluted soils using basil species with respect to their generic diversity		Katarmal, Almora					
17	Development framework and guidelines for spatial data assets management and applications for the use of Uttarakhand state	Prof. J.S. Rawat	NRDMS-NSDI, DST, Ministry of Science & Technology, Govt. of India	Government	Geography	2017	96,96,000	2 years
18	Minerology, Geochemistry and geochronology of microgranular enclaves and host Ladakh granitoids, Trans-Himalaya, India, Implications on subduction-related magma chamber processes and timing of plutonism and crustal growth	Prof. Santosh Kumar	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Geology	2017	39,82,880	3 years
<b>Total</b>							<b>6,88,28,552</b>	

2018-19

S.No.	Name of the Scheme/Project	Name of the Principal Investigator/Co-PI	Name of the Funding Agency	Type (Government/Non-Government)	Department	Year of Award	Funds Provided	Project Duration
1	Deciphering high resolution climatic changes in Indian Himalaya for the last 20,000 years by employing manifold archives with emphasis on extreme climatic events of multi-annual to decadal and longer time scales	Dr. B.S. Kotlia	Ministry of Earth Sciences, Govt. of India	Government	Geology	2015	71,39,000	4 years
2	Ecological, taxonomical and ethnobotanical study of wild	Prof. Lalit M. Tiwari (PI); Drs. Ashish Tiwari and Geeta Tewari (co-	GBPNIHED, Kosi Katarmal	Government	Botany	2016	13,65,000	3 years





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	edible plants of Nainital district in Uttarakhand, India	PIs)						
3	Impact of hypolimnetic aeration on ecology of Naukuchiyatal, lake, Kumaun Himalaya	Prof. P.K. Gupta	GBPNIHED , Kosi Katarmal	Government	Zoology	2016	14,71,250	3 years
4	Tree Water Relation: Another Perspective Determining Altitudinal Limits of Timberlines in the Himalayan Region (Sub-project under the coordinated project entitled "Timberline and Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a warming climate")	Dr. Ashish Tewari	Ministry of Environment , Forest and Climate change (MoEF&CC ), Govt. of India, New Delhi (NMHS)	Government	Forestry	2016	58,99,000	5 years
5	Construction of Polarization Coded Aperture Imaging System using Spatial Light Modular	Dr. Nandan Singh	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Physics	2016	28,02,034	3 years
6	Environmentally Sustainable Smart Synthesis of carbon nanomaterial along with the production of high value added fuel and additives for the concrete mixture from waste plastic, a hazardous waste around the Himalayan region	Prof N.G. Sahoo	NMHS, GBPNIHED , Kosi Katarmal, Almora	Government	Chemistry	2016	1,97,88,800	3 years
7	Impact of hypolimnetic aeration on ecology of	Dr P K Gupta	GBPNIHED , Kosi Katarmal	Government	Zoology	2016	14,71,250	3 years





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	Naukuchiyatal, lake, Kumaun Himalaya							
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10	Solar filament eruptions and their space weather consequences.	Prof. Ramesh Chandra	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Physics	2017	21,84,930	3 years
11	A Sustainable approach for cleanup of metal polluted soils using basil species with respect to their generic diversity	Dr. Chitra Pande	GBPNIHED, Kosi Katarmal, Almora	Government	Chemistry	2017	9,95,000	3 years
12	Development framework and guidelines for spatial data assets management and applications for the use of Uttarakhand state	Prof. J.S. Rawat	NRDMS-NSDI, DST, Ministry of Science & Technology, Govt. of India	Government	Geography	2017	96,96,000	2 years
13	Minerology, Geochemistry and	Prof. Santosh Kumar	SERB, DST, Ministry of	Government	Geology	2017	39,82,880	3 years





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	geochronology of microgranular enclaves and host Ladakh granitoids, Trans-Himalaya, India, Implications on subduction-related magma chamber processes and timing of plutonism and crustal growth		Science & Technology, Govt. of India					
14	Antifungal activity of medicinal plants against plant pathogens using germination inhibition assay	Dr. Kapil Khulbe	DBT, New Delhi	Government	Botany	2018	8,00,000	3 years
15	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	Dr. Santosh Upadhyay (PI); Dr. Penny Joshi (Co-PI)	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Biotechnology	2018	60,66,000	3 years
16	Tracing the Precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-Pb SHRIMP zircon geochronology and Lu-Hf-O isotopes of granites and their enclaves	Prof Snatosh Kumar	Ministry of Earth Sciences, Govt. of India	Government	Geology	2018	85,07,600	5 years





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17	Improving the livelihoods of marginalized communities and minimise their dependencies on the forest through promotion of low cost technologies and skill development in central Himalayan region of Uttarakhand	Dr. Ruchika Bisht	Department of Science & Technology, Ministry of Science & Technology, Govt of India	Government	Botany	2018	30,50,000	3 years
18	Study of Arsenic and other water contaminants in Uttarakhand State	Dr B. S. Kotlia	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Geology	2018	33,96,800	3 years
19	To examine the morphology of blood cells to identify leukemia positive cases	Prof. S.S. Bisht	Department of Biotechnology	Government	Zoology	2018		
20	Survey on earthworm resource in organic waters, forests, agro-ecosystems and their role in waste management and nutrient dynamics in Northeast India (Tripura, Nagaland) and Uttarakhand	Prof. S.S. Bisht	NER-BMPC, DST, Ministry of Science & Technology, Govt of India	Government	Zoology	2018	31,41,996	3 years
21	Reducing women drudgery by diversification of livelihood opportunities and forest resources dependence in Kumaun region of Uttarakhand	Dr. Bhawna Tewari Karnatak	Department of Science and Technology (DST), Govt. of India, New Delhi	Government	Forestry	2018	27,35,000	3 years
22	Promotion conservation and propagation of rare medicinal plants through community participation in	Dr. Beena Tewari Fulara	Department of Science and Technology (DST), Govt. of India, New	Government	Forestry	2018	28,65,000	3 years





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	Kumaun Himalaya		Delhi					
23	Conservation, propagation and rehabilitation of some rare, endemic and threatened (RET) plant species in the Himalayan Botanical Garden in Nainital of Uttarakhand	Prof. Laxman Singh Lodhiyal (PI)/ Dr. Neelu Lodhiyal (Co-PI)	BSI, Ministry of Environment, Forest and Climate change (MoEF&CC), Govt. of India, New Delhi	Government	Forestry	2018	40,96,000	3 years

Total 9,35,22,940

2019-20

S.No.	Name of the Scheme/Project	Name of the Principal Investigator/Co-PI	Name of the Funding Agency	Type (Government/ Non-Government)	Department	Year of Award	Funds Provided	Project Duration
1	Tree Water Relation: Another Perspective Determining Altitudinal Limits of Timberlines in the Himalayan Region (Sub-project under the coordinated project entitled "Timberline and Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a warming climate")	Dr. Ashish Tewari	Ministry of Environment, Forest and Climate change (MoEF&CC), Govt. of India, New Delhi (NMHS)	Government	Forestry	2016	58,99,000	5 years
2	Solar filament reuptions and their space weather consequences	Prof. Ramesh Chandra	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Physics	2017	21,84,930	3 years
3	A Sustainable approach for cleanup of metal polluted soils using basil species with respect to their generic diversity	Dr. Chitra Pande	GBPNIHED, Kosi Katarmal, Almora	Government	Chemistry	2017	9,95,000	3 years

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4	Minerology, Geochemistry and geochronology of microgranular enclaves and host Ladakh granitoids, Trans-Himalaya, India, Implications on subduction-related magma chamber processes and timing of plutonism and crustal growth	Prof. Santosh Kumar	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Geology	2017	39,82,880	3 years
5	Antifungal activity of medicinal plants against plant pathogens using germination inhibition assay	Dr. Kapil Khulbe	DBT, New Delhi	Government	Botany	2018	8,00,000	3 years
6	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	Dr. Santosh Upadhyay (PI); Dr. Penny Joshi (Co-PI)	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Biotechnology	2018	60,66,000	3 years
7	Tracing the Precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-Pb SHRIMP zircon geochronology and Lu-Hf-O isotopes of granites and their	Prof Snatosh Kumar	Ministry of Earth Sciences, Govt. of India	Government	Geology	2018	85,07,600	5 years

(Signature)





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	Ref:							Date:
8	Improving the livelihoods of marginalized communities and minimise their dependencies on the forest through promotion of low cost technologies and skill development in central Himalayan region of Uttarakhand	Dr. Ruchika Bisht	Department of Science & Technology, Ministry of Science & Technology, Govt of India	Government	Botany	2018	30,50,000	3 years
9	Study of Arsenic an other water contaminants in Uttarakhand State	Dr B. S. Kotlia	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Geology	2018	33,96,800	3 years
10	To examine the morphology of blood cells to identify leukemia positive cases	Prof. S.S. Bisht	Department of Biotechnology	Government	Zoology	2018		
11	Survey on earthworm resource in organic waters, forests, agro-ecosystems and their role in waste management and nutrient dynamics in Northeast India (Tripura, Nagaland) and Uttarakhand	Prof. S.S. Bisht	NER-BMPC, DST, Ministry of Science & Technology, Govt of India	Government	Zoology	2018	31,41,996	3 years
12	Reducing women drudgery by diversification of livelihood opportunities and forest resources dependence in Kumaun region of Uttarakhand	Dr. Bhawna Tewari Karnatak	Department of Science and Technology (DST), Govt. of India, New Delhi	Government	Forestry	2018	27,35,000	3 years
13	Promotion conservation and propagation of rare medicinal plants through community	Dr. Beena Tewari Fulara	Department of Science and Technology (DST), Govt. of	Government	Forestry	2018	28,65,000	3 years





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Ref:	participation in Kumaun Himalaya		India, New Delhi					
14	Conservation, propagation and rehabilitation of some rare, endemic and threatened (RET) plant species in the Himalayan Botanical Garden in Nainital of Uttarakhand	Prof. Laxman Singh Lodhiyal (PI)/ Dr. Neelu Lodhiyal (Co-PI)	BSI, Ministry of Environment, Forest and Climate change (MoEF&CC), Govt. of India, New Delhi	Government	Forestry	2018	40,96,000	3 years
15	Seismic Network in Kumaun Himalaya (Phase IV)	Prof. R. Upadhyay	Ministry of Earth Sciences, Govt. of India	Government	Geology	2019	1,79,65,680	3 years
16	Eruption flows and waves in solar atmosphere and their role in space weather	Prof. Ramesh Chandra	IBCD, DST, Ministry of Science & Technology, Govt. of India	Government	Physics	2019	11,82,350	2 years
17	National campaign on Tinospora cordifolia (Amrita) for life (PI)	Prof. L.M. Tewari	NMPB, Ministry of Ayush, New Govt. of India	Government	Botany	2019	18,90,000	1 year
18	A multidimensional remediation and innovative tailoring of materialistic waste (AMRITAM): An innovative approach for the collection, segregation and upcycling of solid waste	Prof N. G. Sahoo (Co-PI)	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Chemistry	2019	3,49,99,000	3 years
<b>Total</b>							10,37,57,236	

2020-21

S.No.	Name of the Scheme/Project	Name of the Principal Investigator/Co-PI	Name of the Funding Agency	Type (Government/ Non-Government)	Department	Year of Award	Funds Provided	Project Duration
1	Tree Water Relation: Another	Dr. Ashish Tewari	Ministry of Environment	Government	Forestry	2016	58,99,000	5 years





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	Perspective Determining Altitudinal Limits of Timberlines in the Himalayan Region (Sub-project under the coordinated project entitled "Timberline and Altitudinal Gradient Ecology of Himalayas, and Human Use Sustenance in a warming climate")		, Forest and Climate change (MoEF&CC), Govt. of India, New Delhi (NMHS)					
2	Antifungal activity of medicinal plants against plant pathogens using germination inhibition assay	Dr. Kapil Khulbe	DBT, New Delhi	Government	Botany	2018	8,00,000	3 years
3	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	Dr. Santosh Upadhyay (PI); Dr. Penny Joshi (Co-PI)	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Biotechnology	2018	60,66,000	3 years
4	Tracing the Precambrian magmatic components in the geodynamic evolution of Kumaun Himalaya and their geological correlations: Constraints from phase petrology, geochemistry, U-Pb SHRIMP zircon geochronology and Lu-Hf-O	Prof Snatosh Kumar	Ministry of Earth Sciences, Govt. of India	Government	Geology	2018	85,07,600	5 years

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	isotopes of granites and their enclaves							
5	Improving the livelihoods of marginalized communities and minimise their dependencies on the forest through promotion of low cost technologies and skill development in central Himalayan region of Uttarakhand	Dr. Ruchika Bisht	Department of Science & Technology, Ministry of Science & Technology, Govt of India	Government	Botany	2018	30,50,000	3 years
6	Study of Arsenic and other water contaminants in Uttarakhand State	Dr B. S. Kotlia	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Geology	2018	33,96,800	3 years
7	To examine the morphology of blood cells to identify leukemia positive cases	Prof. S.S. Bisht	Department of Biotechnology	Government	Zoology	2018		
8	Survey on earthworm resource in organic waters, forests, agro-ecosystems and their role in waste management and nutrient dynamics in Northeast India (Tripura, Nagaland) and Uttarakhand	Prof. S.S. Bisht	NER-BMPC, DST, Ministry of Science & Technology, Govt of India	Government	Zoology	2018	31,41,996	3 years
9	Reducing women drudgery by diversification of livelihood opportunities and forest resources dependence in Kumaun region of Uttarakhand	Dr. Bhawna Tewari Karnatak	Department of Science and Technology (DST), Govt. of India, New Delhi	Government	Forestry	2018	27,35,000	3 years
10	Promotion conservation and propagation of rare medicinal	Dr. Beena Tewari Fulara	Department of Science and Technology	Government	Forestry	2018	28,65,000	3 years





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	plants through community participation in Kumaun Himalaya		(DST), Govt. of India, New Delhi					
11	Conservation, propagation and rehabilitation of some rare, endemic and threatened (RET) plant species in the Himalayan Botanical Garden in Nainital of Uttarakhand	Prof. Laxman Singh Lodhiyal (PI)/ Dr. Neelu Lodhiyal (Co-PI)	BSI, Ministry of Environment, Forest and Climate change (MoEF&CC), Govt. of India, New Delhi	Government	Forestry	2018	40,96,000	3 years
12	Seismic Network in Kumaun Himalaya (Phase IV)	Prof. R. Upadhyay	Ministry of Earth Sciences, Govt. of India	Government	Geology	2019	1,79,65,680	3 years
13	Eruption flows and waves in solar atmosphere and their role in space weather	Prof. Ramesh Chandra	IBCD, DST, Ministry of Science & Technology, Govt. of India	Government	Physics	2019	11,82,350	2 years
14	A multidimensional remediation and innovative tailoring of materialistic waste (AMRITAM): An innovative approach for the collection, segregation and upcycling of solid waste	Prof N. G. Sahoo (Co-PI)	NMHS, GBPNIHED, Kosi Katarmal, Almora	Government	Chemistry	2019	3,49,99,000	3 years
15	DNA-Barcoding of Ethno-medicinal and high-value plants of Uttarakhand Himalaya and assessment of anti-inflammatory nutraceutical potential of selected phyto-extracts	Dr. S.K. Upadhyay	DIBER, DRDO, Ministry of Defence, Govt. of India	Government	Biotechnology	2020	9,79,000	1.5 years
16	Invasion Biology of Ageratina	Dr. Kiran Bargali (PI) Prof. S.S.	SERB, DST, Ministry of	Government	Botany	2020	46,22,332	3 years





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	adenophora and solution for restoring ecosystem processes in Kumanu Himalaya, Uttarakhand.	Bargali (Co-PI)	Science & Technology, Govt. of India					
17	Basin configuration and paleogeography of the pre-cryogenian succession of Lesser Himalayan succession of Kumaun sector	Dr. Poonam Jalal	Department of Science & Technology, Ministry of Science & Technology, Govt of India	Government	Geology	2020	31,37,832	3 years
18	Major Porject	Prof N. G. Sahoo	BPCL	Government	Chemistry	2021	50.76	2 years
19	Assessment of tectonic deformation in Satluj river basin, Kinnaur using morphometric and geometric analysis	Dr. Moulisree Joshi	DST	Government	Geology	2020	30,47,949	3 years
20	Elucidation of anti-inflammatory and epithelial mesenchymal transition (EMT)-inhibiting potential of traditionally edible medicinal lichens from Kumaun Himalaya	Dr. Penny Joshi	SERB, DST, Ministry of Science & Technology, Govt. of India	Government	Chemistry	2021	2949628	3 years
<b>Total</b>							10,94,41,218	

3.2.2 Grants for Research Projects sponsored by the government agencies

2020-21	2019-20	2018-19	2017-18	2016-17	2015-16
109.441218	103.757236	935.22940	688.28552	608.57542	189.65900

  
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