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CONCEPT NOTE

**CENTRE OF EXCELLENCE ON FOREST BASED LIVELIHOODS IN
UTTARAKHAND -A PILOT SCHEME**

INTRODUCTION

Forests characterize how the economy has been developing with the perspective of safeguarding its natural resources as well as its judicious use. In a sense, it is a parameter of gauging the health of the environment.

India is ranked amongst the 17 Mega Bio-diversity regions of the World and is significantly rich in floral and faunal diversity. As per 2011 assessment India has a Forest and tree cover of 23.81 % of its total geographical area. India is also maintaining around 20% of the forest area under a protected area network for providing ecological security. The forests of the country are catering to 16% of the human and 18% of the cattle population needs pertaining to fodder, food, fuel and other multifarious byproducts having industrial use. Apart from this conservation of biodiversity and protection of soil and water are the major functions of forests. However, forests in India, over a period of time have witnessed vagaries of human intervention, occurrence of invasive species, climate change and excessive pollution.

As per the Millennium Ecosystem Assessment, the global balance sheet portrays that around 60% of the ecosystem services have degraded. We therefore require a robust system to safeguard our forests. A two pronged strategy to increase forest cover has been undertaken by the Government of India which essentially comprises i) Improving canopy cover in the forest land; and ii) Undertaking afforestation in non-forest and degraded lands, preferably contiguous to forest blocks. Realising the role of forests in controlling soil erosion, moderation of floods, recharging of ground aquifers, as habitat for wildlife, conservation of bio-diversity and gene pool, etc., programmes were launched as early as the Second Five Year Plan for extensive Watershed Management followed later by establishment of a Protected Areas Network, under the Wildlife (Protection) Act, 1972. Inclusion of Afforestation, reforestation, agro-forestry, Biofuels plantation, sustainable forest management within the scope of conservation measures have considerably proven advantageous.

If we focus our thrust on the varied and extensive landscapes of Indian subcontinent comprising particularly the Indian Himalayan Region (IHR) which being a repository of Forest ecosystems then it needs more of a systematic & holistic approach. The IHR plays a vital role in sustaining life. It is important to the 200 million mountain people who live on its slopes, and equally, if less visibly, important to nearly 1.2 billion people who depend on its downstream river basins. Another 3 billion rely on it indirectly in terms of food and energy production. In this context, sustainable development of IHR region has been a target area of policy makers. The Rio de

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Janeiro Summit's (1992) agenda 21: Managing Fragile Ecosystem: Sustainable Mountain Development was the prime mover for the sustainable development of mountain states with two Program Areas:

- Generating and strengthening knowledge about the ecology and sustainable development of mountain ecosystems, and
- Promoting integrated watershed development and livelihood opportunities.

As a matter of fact the need for the 'development of backward hill areas' of the country was first formally recognized by the National Commission on Development of Backward Areas (B. Shivaraman, 1981), which was followed by a Task Force for the Study of Eco-development in the Himalayan Region (Dr. M.S. Swaminathan, 1982). These resulted in the need to define 'hill areas' to ensure uniform development opportunities in all categories of hill areas, and this was done by the Working Group on Hill Area Development Programmes for the 7th Five Year Plan (1985). Since then there has been an Action Plan for Himalaya (1992), the Expert Group on National Policy on Integrated Development of Himalaya (1993), a High Level Commission on Transforming the North-Eastern Region (1997), a Task Force on the Mountain Ecosystems for the 11th Five Year Plan (2006), Himalayan Mission under National Action Plan on Climate Change (2008), NE Region Development Vision 2020 (2008), Governance for Sustaining Himalayan Ecosystem (G-SHE) –Guidelines & Best Practices (2009) and the Shimla Declaration on Sustainable Himalayan Development (2009). One of the most recent in this series has been the Task Force constituted by the Planning Commission in 2010 to 'look into problems of hill states and hill areas and to suggest ways to ensure that these states and areas do not suffer in any way because of their peculiarities' (Task Force, 2010). During these discussion forums the sustainable mountain development, climate change, disaster risk reduction, and urbanization in the mountains, have spontaneously emerged as the key thematic areas.

In the IHR, the western himalayan region (WHR) comprising of J&K, Uttarakhand & Himachal Pradesh holds a prominent position. And among the three states, in Uttarakhand forests have been an essential part of the state development as nearly 46% land is under forest cover and 80% people are directly or indirectly dependent on forest either for their sustenance or subsistence. The states ecosystem has different types of forests like Himalayan broadleaf, Tropical, Temperate, subtropical, subalpine coniferous, alpine scrub and meadows/grasslands, rocky slopes & ledges, scree slopes and riparian communities. The grasslands comprise diverse vegetation types distributed from sub-tropical to temperate, sub-alpine and alpine regions. Each of these areas faces extreme anthropogenic pressure comprising of uncontrolled grazing and induced fire. Uncontrolled grazing in these grasslands and alpine in particular is often higher than their carrying capacity which has resulted in reduction of species diversity by 30-50%. In such an alarming scenario, more intense and workable model of planned grazing and development of grazing policy for the Himalaya grassland resources as well as a sustainable model for the forest ecosystem has to be worked out.

In view of aforesaid facts, UCOST proposes a Center of Excellence in order to focus attention on compiling the database of the contributions of forest & grassland resources as livelihood in Uttarakhand region as a pilot project, and particularly to mainstream the concept of sustainable mountain development of this particular Himalayan region into the planning framework.

ORIGIN OF THE PROPOSAL

As a matter of fact, IHR and particularly WHR has lagged behind in developmental process because they have very specific and peculiar problems. The Planning Commission therefore set up a Task Force on Mountain Ecosystem for the Environment & Forest to feed into the Eleventh Five Year Plan (2007-12) in August, 2006. Recommendations of task force includes, bringing in "mountain perspectives" for the IHR as national treasure and investment in development of agro-horticulture-forestry skill and technology; connectivity, marketing arrangements including IT enabled service infrastructure; and education/ training/ capacity building. In addition, task force also recommended establishment of Natural Resource Analysis and Advisory Centre (NRAAC) in order to analyze data to detect changes or see trends and to guide policy makers and planners on any activity that is likely to affect any resource or the environment of the region.

Based on their recommendations, the proposed Center of Excellence will therefore delve on following issues:

- Review the current status of knowledge on various environmental aspects of conservation and sustainable use of mountain ecosystems and recommend correctives
- Assess the potential impacts of climate change on mountain ecosystems and recommend required new or remedial measures of dealing with these impacts,
- Review the institutional and individual capacities available to address issues related to conservation and sustainable use of mountain ecosystems and recommend how they may be adequately strengthened,
- Assess the current issues and systems of integrating concerns relating to fragile mountain ecosystems into other sectors (ministries, departments) and to recommend required new or remedial measures

During a recent conclave at Jaipur, Rajasthan organized by DST, New Delhi where all the heads of State S&T Councils met, it was recommended to work in a network mode by including all the councils in an interstate coordinated project. Consequently, UCOST has taken an initiative to develop a coherent data base on forest resources and informatics by institutionalizing the contemporary information on forest resource, related R&D outcomes, recommendations and work plans of various academics and research institutions along with S&T Councils in IHR.

OBJECTIVE

The uniqueness of the mountain specificities of Uttarakhand forests & grasslands and their contributions to livelihoods will be collected, accounted, collated and a scientometric &

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analytical approach, based on secondary data sources be devised to establish a link between the ecological and economic concerns of the region. Additionally the generated data on various aspects of forest resources in the region will be hosted in a web server such that it is accessible to wider masses. The COE will be the nodal hub in providing the updated dataset & information.

WORK PLAN

The problems in the Himalayas of Uttarakhand are complex, having intricate linkages between social, economic and ecological concerns. The solutions, therefore, cannot be addressed in isolation. The COE proposes to initially target on certain issues which are basically:

1. Creation of a Clearing house

The available secondary information concerning the work done in particular topics is currently scattered. Though there is ample data available yet when one tries to gather information as a policy perspective, it becomes quite tedious and there is no ready recknor available. This sometimes also results in duplication of research already conducted. At a time when one is accessing all the information through internet, the work not being uploaded in the net remains in oblivion and thereby is not cited. With this lacuna, CoE will collect, digitalize and collate all the available data and come out with a periodic publication of a status report thereby acting as a clearing house.

2. Socio economic analysis-

The basis of any planning for sustainable development in mountain areas has to be centred around man's relationship with nature. The relationship is desired to be governed by a sense of justice and equity. As we are aware the ecological system provides raw-materials to the economic system and absorbs the waste generated by the economic system and when socio-cultural systems are added onto the ecological- economic relationships, the situation becomes further complicated. However, development driven solely by economic considerations has changed the aspirations, value systems and management priorities. Demographic and legal factors further complicate the application of ecological considerations to development of goals and processes. Therefore the CoE will try to gauze the extent of dependence of the regional & tribal people on the forest resources in the state.

3. Potential of wild harvestation in forest ecosystems-

India is one of the richest countries in the world as regards genetic resource of medicinal and aromatic plants. The Indian systems of medicine have identified 1500 medicinal plants, of which 500 species are mostly used in the preparation of drugs. The medicinal plants

contribute to cater 80% of the raw materials used in the preparation of drugs. As majority of the collection is from the forest repositories that too by destructive harvesting, due to this many useful plant species are becoming endangered or threatened. To safeguard its natural herbal wealth, the emphasis is on three basic essentials of herbal sector i.e. firstly on conservation, secondly on cultivation so as to increase the production of high demand and low availability rare plants without destroying the natural habitat and lastly capitalization. With rekindling in the demand for traditional medicines globally there is a huge potential in this sector, therefore the COE will map the potential of capitalization of this sector without compromising on the sustainable management of the herbal resources.

4. Channels of Market & structure of NWFP & their potential:

Rural occupations based on farming are generally seasonal in approach. There comes in between a period when the farmer is out of work and tends to switch over to non farming jobs. To stay put near his fields and get engaged in an activity which will enhance his livelihood during those lean periods is one of the major concerns. Collection of forest products from nearby forests, animal husbandry and water management are some of the attractive options for them. It appears that the mix of farm-forestry and water management jobs helps them get over and in a way lead a self sustaining life. An estimated 80% people in rural areas depend on forests for at least a part of their livelihoods. Forest dwellers including the tribals, are among the poorest and most vulnerable groups in society. These forest fringe communities depend upon forests for their cultural, economic and spiritual needs. Evidence provided by the latest report o FSI, 2011 states that the maximum percentage share of wood extracted from forests for industrial use is being used for construction purposes mainly followed by furniture making and crafting agriculture implements.

Generally all NWFPs are collected from naturally-regenerating forests. In this process, collectors are at the grassroots level because they are the inhabitants living near the forest. Depending upon the economic importance of different NWFPs, marketing channels are created and regulated. Accordingly, all the products are classified into three groups depending upon their degree of use namely a) Products restricted to local use (saleable only in the village market; b) Products of moderate commercial importance (saleable in bigger markets at district and state level); and c) Products of high commercial importance traded within the country and abroad. The COE will try to list and quantify the NWFP in the Uttarakhand region and probe its potentiality.

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5. Existing skill set : institutions & human resources in forestry sector

A large number of specialized research institutes dealing into forest issues have come up over the years. The COE will inventorize the various central government, state government and private sector institutions with their respective numbers of expert scientists and researchers involved in scientific research and training. The regional distribution of the institutes will also be charted out. Apart from this a directory of experts in forestry field will also be prepared.

6. Application of Scientometrics in forestry:

Forests and forestry issues have generated lot of interest during the past two decades at national as well as international level. Recently a shift has been observed in focus from timber production to other aspects of forestry and the issues now touch upon environment and ecology management. Ecosystem management is the new paradigm for managing the forests. The CoE will therefore aim to quantify the global output (patent) in the field of forestry research, mapping the research trends through cross country and inter-institutional comparison, examining the impact of the research output as seen by the pattern of the citations, and collaboration among different nations within a time period.

EXPERTISE AVAILABLE

The council has been entrusted with the responsibility to act as a nodal agency for the Dept. of S&T, GoI, to advice the government on policies and measures necessary to promote utilization of S&T for the achievement of the socio-economic objectives, identification of areas where S&T can be utilized, to initiate, support promote and coordinate such research and development projects and programmes (including demonstration projects) as are likely to be relevant to the achievement of specific objectives and problems and help in the fruitful exploitation of the natural resources of the state. With this mandate the council has an efficient and dedicated scientific, technical, administrative & financial staff since its inception in year 2005. Apart from this the council has a network of dedicated district coordinators, VPKs, NGOs throughout the state.



The council is headed by an eminent scientist Dr. Rajendra Dobhal, FNASc and Fellow of Academy of Forest & Environmental Sciences who is a trained Intellectual Property Professional and has been one of the pioneer members in the country working on Intellectual Property issues. He has a post doctorate in environmental sciences and published a book titled 'structure & function of grassland ecosystem of garhwal Himalayas (Central Indian Himalayan range)'. He has authored/ co-authored over 40 technical reports, 10 book chapters/books, published over 125 research papers

in various journals of national & international repute on issues related to environment, water & forestry.



Dr. Mishra has 19 years of long experience in research & development, teaching and administrative work. He is a DAAD (German Academic Exchange Service) fellow. The cornerstones of his initiative are forest and soil degradation and improvement, watershed management in hilly areas, field experimentation, formulation of environmental management plan and planting stock improvement. He has published more than 30 research papers in international and national journal of repute. Five book chapters are also to his credit.



Dr Kirti Joshi, Ph.D in Forestry from Forest Research Institute has an experience of 13 years on S&T policy, Intellectual Property and innovation-related studies. For the past few years she has been engaged in STS allied studies especially in the areas of forestry, Intellectual property and innovations. She has earlier worked at CSIR-NISTADS on policy matters by applying scientrometric approach to various sectors of economy. She has authored/ co-authored approximately 50 refereed publications, which include 34 book chapters (published by Cambridge University Press & Springer) and government publications, and have made over 40 presentations at national and international scientific meetings and workshops.



Mr. Anil Kumar is a registered Patent Agent & certified IPR Attorney. Mr. Kumar is a post graduate in science and has earned LL.B. with specialization in Intellectual Property Rights from Rajiv Gandhi School of Intellectual Property Law at IIT Kharagpur. Mr. Kumar has also earned a masters degree in law and Post Graduate Diploma in International Trade & Business Law. Kumar is an exemplary leader, who has played pivotal roles in different organizations and headed variety of teams comprising scientists, lawyers, paralegals, information analysts, information scientists, marketing and sales professionals. Kumar is a frequent speaker on techno-legal issues and spoke in several conferences and seminars of national and international repute.

PROPOSED ESTIMATED BUDGET*:

The proposed estimated Budget for establishment and functioning of the Centre of Excellence will be Rs. 45.25 Lakhs per annum.

The proposed budget will include the following expenses:

Budget Requirement (detailed for one year)				
S.No.	Heads	Nos.	Rate	Amount
1.	Sr. Scientist	1	GP 6600 + HRA @ 63662/month	7,63,944
2.	Scientist	1	GP 5400 + HRA @ 51030/month	6,12,360
3.	JRF	2	25,000/month	6,00,000
4.	Honorarium for Experts			3,00,000
5.	Travel			5,00,000
6.	Documentation (Reports, Brochures)	Lump some		5,00,000
7.	Consumables			2,50,000
8.	Contingency	Lump some		4,00,000
		Total		39,26,304
	Overhead charges	@ 15 %		5,88,945
		TOTAL		45,25,150

*** UCOST Share**

The Uttarakhand State Council for Science & Technology will provide the **Infrastructure** including the computer laboratory, equipments like computers, internet facilities and the purchased databases required to conduct the scientometric studies, **Manpower** (Joint Director-1, Senior Scientific Officer-1, Technical Assisstants-2, Peon-1) and **Office assistance** (financial & administrative) to run the Center of Excellence smoothly.

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Ad-hoc

Compensatory Afforestation Fund Management and Planning Authority

Constituted by the Hon'ble Supreme Court of India, by Order dated 5th May 2006 in
IA No.1337 with IA Nos.827, 1122, 1216, 1473 in

Writ Petition No.202 of 1995 : T N Godavarman Thirumalpad Vs Union of India & Ors.

4th floor, Block No.3, CGO Complex, New Delhi – 110 003
Tel No.(011) 24368006. FAX No.(011) 24368007. E-mail : adhoc-campa-mef@nic.in

No.13-29/2015-CAMPA

Dated the 6th November, 2015

To

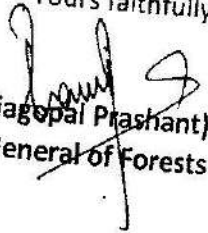
The Principal Chief Conservator of Forests (HoFF),
All State Governments/Union Territories

Sub : **7th meeting of the National CAMPA Advisory Council, New Delhi : Minutes.**

Sir,

A copy of the minutes of the 7th meeting of the National CAMPA Advisory Council held in New Delhi on 03rd, November, 2015 under the Chairmanship of the Hon'ble Minister of State for Environment, Forest & Climate Change is enclosed, for information and necessary action.

Yours faithfully,

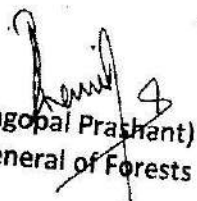

(Rajagopal Prashant)
Asstt. Inspector General of Forests

Encl.: As above

Copy to :

1. Shri R.P. Kapoor, IFS (Retd), Member, NCAC ;
2. Prof. P.C. Bhattacharjee, Member, NCAC ;
3. DGF&SS/ Addl. DGF (WL)/ Addl. DGF (FC)/ Addl. DGF (PT)/ DG, FSI/ DG, ICFRE ;
4. The Addl. Principal Chief Conservator of Forest, all Regional Offices, Ministry of Environment, Forest & Climate Change ;
5. All Officers of the Forest Conservation Division, Ministry of Environment, Forest & Climate Change ;
6. PS to Hon'ble MOS (I/C), EF&CC/ PPS to Secretary (E&F)

Encl.: As above


(Rajagopal Prashant)
Asstt. Inspector General of Forests

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Minutes of the 7th meeting of the National CAMPA Advisory Council held on 3rd November 2015 under the Chairmanship of Shri Prakash Javadekar, Hon'ble Union Minister of State (Independent charge) for Environment Forests and Climate Change.

The Chairman welcomed all participants. A list of participants is at Annexure 'A'.

AGENDA No.1 : Confirmation of the minutes of 6th meeting :

2. The minutes of the 6th meeting of the National CAMPA Advisory Council (NCAC), held on 6th July 2015 were unanimously adopted and confirmed.
3. The Chairman directed that the proposals in this behalf which have since been received from some other States/ UTs may be sanctioned expeditiously. He also exhorted the officers present to come up with more such innovative ideas and proposals.

AGENDA NO.2 : Review of Action Taken Reports :

5. The 'Action Taken Reports' on the 6th meeting of the NCAC were taken up next, and the following decisions were taken :

- (A) Director General of Forests & Special Secretary to the Government mentioned that following the approval of the School Nursery Yojana, and Nagar Van Udyog Yojana at the last meeting of the NCAC, the proposals for the above two schemes have been received from the Forest Policy Division of the Ministry along with the proceedings of the State Steering Committee of the State CAMPA in respect of Telangana State and an amount of Rs.14.75 lakhs and Rs.1.6471 crores respectively were released to the Telangana State CAMPA, for undertaking tasks relating to the Yojana, in 59 schools, and 5 municipal corporations, respectively. Hon'ble Chairman formally handed over the sanctions letter to the Principal Chief Conservator of Forests & HoFF, Telangana.
Chairman also advised that to enhance the flow of submission of proposals for these two schemes, AD (FC) may take up the matter with State PCCFs over phone. It was also advised by the Chairman that Forest Policy Division may seek the list of the cities identified for Nagar Van Udyan Yojana from the States and send the same to the FSI for assessing the status of the forest cover in these cities which may be co-ordinated by ADG(FC).
- (B) The task of *inter-se* prioritization of the Projects approved in-principle in previous NCAC meeting for funding out of the NCAC corpus, which was assigned to a Committee headed by Dr Rekha Pai, IGF(EAP) could not be completed due to the pre-engagement of the members. Now this shall be referred to a Working Sub Group, which shall be constituted under the chairmanship of Director General of Forests & Special Secretary, MoEF&CC; with Shri R P Kapoor, IFS(Retd) as a Member, and the Inspector General of Forests (Forest Conservation), MoEF&CC as Member, Secretary. All the proposals agreed in-principle in previous and this meeting of the Council will be evaluated by this Sub Group and recommendations of the Sub Group for individual proposals shall be placed before the Chairman, NCAC for approval of the proposals ;
- (C) Regarding approval of NCAC for FSI as Centre of Excellence granted in last meeting, the statement of the Director General of Forest Survey of India that action had been taken on these fronts, viz., procurement of hardware, procurement of

software, and hiring of personnel for strengthening the Regional Offices of the MoEF&CC, was welcomed. DG FSI also stated that the tasks hitherto had been undertaken out of the release of Rs.37.50 crores, representing 50% of the total grant of Rs.75 crores from the NCAC funds.

DG FSI also mentioned that the task of procurement of high resolution imageries from the National Remote Sensing Agency, Hyderabad; was making progress, and a MoU was expected to be entered into with the NRSA shortly. The high resolution imageries would enable a 2' x 2' resolution.

DG FSI was assured that the request for release of the balance funds approved by the NCAC will be considered most expeditiously on receipt of progress of expenditure against released funds ;

- (D) the IA filed before the Supreme Court of India, was approved. NCAC also accorded ex-post-facto approval to the swearing of the Affidavit in this behalf by Shri Rajagopal Prashant, Asstt Inspector General of Forests (FC), MoEF&CC ;
It was decided that the IA be placed before the Ad-hoc CAMPA at its next meeting, for expediting action on the prayers made therein ;
- (E) Quarterly Progress Reports received, wherever funds have been released, should be placed before the NCAC at its next meeting.

AGENDA No.3 - Fresh Items :

6. The 'fresh' items on the Agenda were taken up next, and the following ensued :

AGENDA 3(A) :

Proposal of the Uttarakhand State Council for Science & Technology, Dehradun :

For setting up of a Centre of Excellence for Western Himalayan Forest Based Livelihood Scientometrics

Dr Kirti Joshi of the Uttarakhand State Council for Science & Technology made a brief presentation of the proposal for establishment of a Centre of Excellence for Forest Science & Technology and its Scientometrics. It was highlighted that the livelihood based collection, collation presentation and analysis of data for forest based livelihood methodologies based on secondary data had not been undertaken by the State or its Agencies so far, and was unique in content and also application. Wide benefits to the dwellers of the forests and its fringes was anticipated as a database on contributions of forest & grassland resources as livelihood in Eastern Himalayan region would help mainstream the concept of sustainable mountain development of the region, into the planning framework, and establish link between forest based livelihoods and ecological and economic concerns and help in planning and execution of sustainable forest management.

After thorough discussion, the Council agreed in-principle for considering the proposal for NCAC funding. It was also decided that instead of undertaking the Project in all the 3 States in the Western Himalayas., viz., Jammu & Kashmir; Himachal Pradesh and Uttarakhand; the Project will in its Pilot phase be confined to the State of Uttarakhand to begin with. It was also decided that the project proposal be placed before Working Sub Group for further evaluation and final decision before being put up to the Chairman for approval.

AGENDA 3(B):

Proposal of the Indian Institute of Forest Management, Bhopal :

For funding for a Geoinformatics Centre at the institute.

The proposal for setting up a Geoinformatics Centre at the Indian Institute of Forest Management, Bhopal was considered. After thorough discussion the Council agreed in-principle for considering the proposal for NCAC funding and it was also decided that the

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project proposal be placed before the Working Sub Group for further evaluation and final decision before being put up to the Chairman for approval.

AGENDA 3(C) :

Proposal of the Barefoot College, Tilonia Ajmer, Rajasthan for CAMPA/ NCAC assistance :

A presentation was made by Shri Bunker Roy of The Barefoot College, Tilonia, Ajmer. He mentioned that the Institution had a background of over 49 years, and had operated in 69 countries. The proposal was for providing Solar lanterns, and improved Cook Stoves through training of village based, mostly illiterate women to fabricate, operate and repair the lanterns and the Cook Stoves.

The Chairman clarified to all concerned that any project considered by the Council shall be in accordance with the over arching objectives of State CAMPA guidelines which aims at accelerating activities for preservation of natural forests, management of wildlife, infrastructure development in the sector and other allied works. Therefore, any activity to be taken under the project shall be in forest fringe villages and in consultation with the state forest departments.

The project proponent may, if required, modify its proposal accordingly and place before Working Sub Group for further evaluation and final decision on it.

Additional items with the permission of the Chair :

(a) Dr H S Ginwal, FRI, Dehradun made a brief presentation on the pilot project for proposed Centre for Forest Genetics & Breeding at FRI Dehradun. After thorough discussion the Council agreed in-principle for considering the proposal for NCAC funding and it was also decided that the project proposal be placed before Working Sub Group for further evaluation and final decision before being put up to the Chairman for approval.

(b) Dr R P Kapoor, IFS(Retd), Member NCAC circulated a note proposing the following additional items for consideration :

- (1) Management of Grassland Ecosystems under CAMPA projects, envisaging that it is always better to manage the grassland ecosystems as such so that their productive potential is sustained and carrying capacity maintained at an optimum level of productivity. The Council agreed in-principle to the suggestion of Dr R P Kapoor and recommended that Dr Kapoor may submit his concept proposal to the Forest Policy Division, who shall examine it for framing suitable advisory for the State Govt/ State CAMPA ;
- (2) Engagement of independent Agencies or experts to speed up the work of carrying out concurrent monitoring and evaluation of these Projects. It was brought to the knowledge of the members that evaluation of CAMPA activities is being carried out through e.green watch project being executed through NIC & FSI. The FSI is sending their evaluation of activities, for which polygons are uploaded by the States on the website, to the States for clarification and rectification. However, to supplement this monitoring by ground truthing, the concept of field inspections of certain percentage of the works being monitored by e-greenwatch portal is acceptable and Ad-hoc CAMPA shall examine the suggestion ;
- (3) The proposal of Prof P C Bhattacharjee, Member NCAC brought to the notice of the Council that proposal for reducing man animal conflicts was placed before it in past and shall be considered on priority.

(B)

It was also decided that Wildlife Division, MoEF&CC should be asked to expedite their project proposals on augmentation of fodder & water scheme in protected areas.

The meeting ended with Thanks to the Chair.

List of officers who attended the 7th meeting of the National CAMPA Advisory Council

1. Shri Prakash Javadekar, Hon'ble Minister Env Forests & CC ... Chairman
2. Dr S S Negi, Director General Forests & Special Secretary
3. Dr R P Kapoor, IFS(Retd)
4. Dr Prof P C Bhattacharjee
5. Shri A A Boaz, Principal Chief Conservator of Forests, Chhattisgarh
6. Shri K S Reddy, Addl Pr Chief Conservator of Forests, Andhra Pradesh
7. Shri A K Saxena, Addl Pr Chief Conservator of Forests, Gujarat
8. Shri M S Negi, IGF.FC MoEF&CC/ Member Secretary NCAC
9. Shri Vinod Ranjan, Addl Director General of Forests (WL), MoEF&CC
10. Shri P K Sharma, Principal Chief Conservator of Forests, Telangana
11. Dr Anil Kumar, Addl Director General of Forests (FC), MoEF&CC
12. Shri B S Bonal, Addl Director General of Forests (PT), MoEF&CC
13. Dr Anmol Kumar, Director General, Forest Survey of India, Dehradun ;
14. Sh S K Khanduri, Inspector General of Forests (WL), MoEF&CC
15. Sh Anoop Badhwa, Inspector General of Forests, NAEB, MoEF&CC
16. Dr N S Bisht, Director, Indian Council of Forestry Research & Education
17. Dr Suneesh Buxy, Deputy Inspector General of Forests (RT), MoEF&CC
18. Shri Rajagopal Prashant, Asstt Inspector General of Forests, MoEF&CC
19. Dr Y V Jhala, Scientist, Wildlife Instt of India, Dehradun
20. Dr H S Ginwal, Forest Research Institute, Dehradun
21. Sh Bunker Roy, The Barefoot College, Tilonia, Ajmer
22. Dr Ashutosh Mishra, Uttarakhand State Council for Science & Technology
23. Dr Kirti Joshi, Uttarakhand State Council for Science & Technology
24. Shri Bhagwat Nandan, The Barefoot College, Tilonia, Ajmer
25. Shri Laxman Singh, The Barefoot College, Tilonia, Ajmer
26. Ms Magan, The Barefoot College, Tilonia, Ajmer
27. Ms Leela, The Barefoot College, Tilonia, Ajmer

From UCOST <ucost@ucost.in>

Sent Monday, December 7, 2015 3:45 pm

To adhoc-campa-mef@nic.in

Subject: regarding bank details

15

Bank Name : Union Bank of India

Branch and full address : Shiva Medoco's Complex, Wing No. 2, Barrack no 10/08, Premnagar, Dehradun

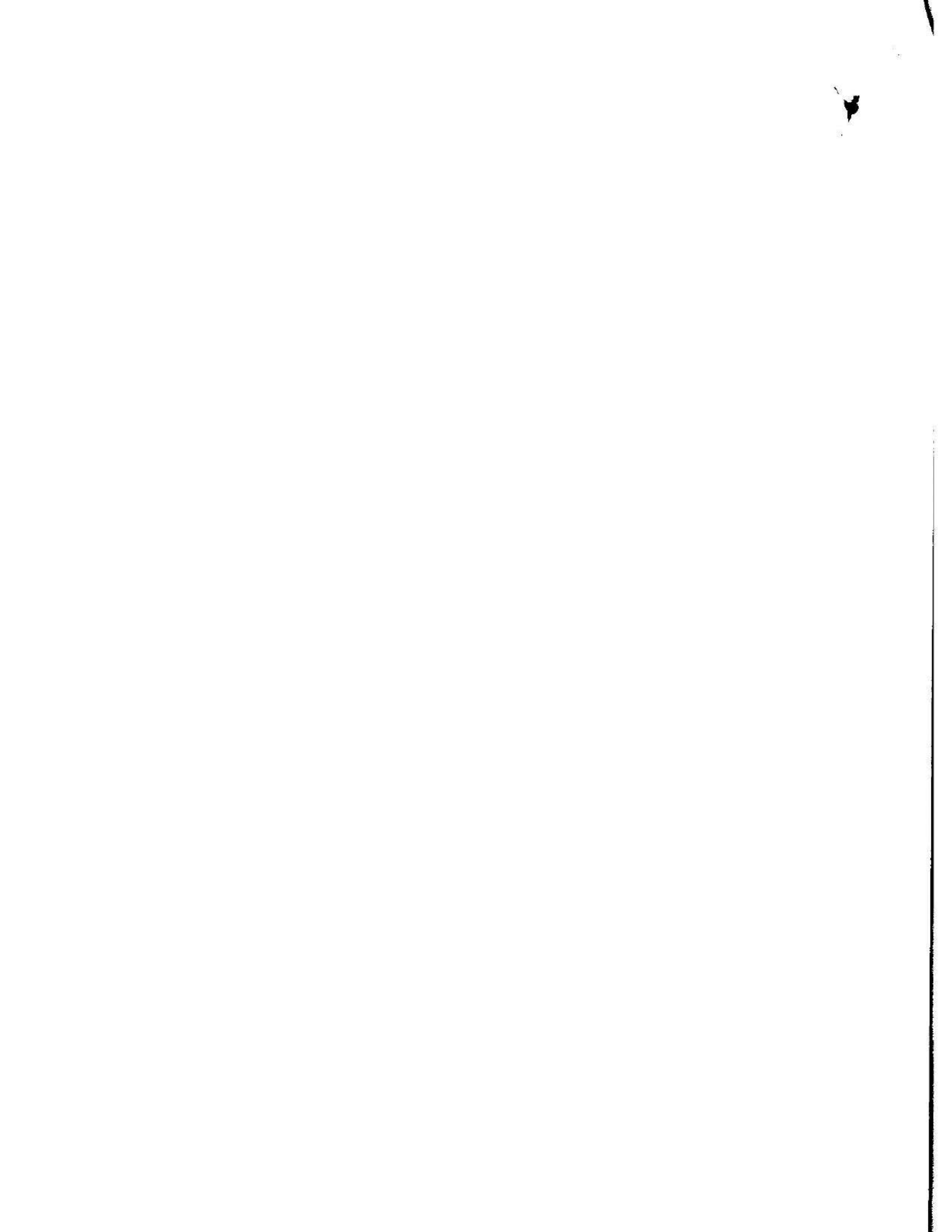
Account No.: 518502010003914

IFSC Code : UBIN0560260

Name of Account Holder : Director, UCOST

Thanking you.

UCOST, Dehradun



(16)

Minutes of the Working Sub Group of the National CAMPA Advisory Council, held on
Thursday, the 26th November 2015

The first meeting of the Working Sub Group constituted under the Chairmanship of the Director General of Forests & Special Secretary, Ministry of Environment Forests & Climate Change (MoEF&CC), Government of India; with Shri R P Kapoor, IFS (Retd) as Member; and the Inspector General of Forests (Forest Conservation), MoEF&CC, and Member Secretary, National CAMPA Advisory Council as Member Secretary, following the deliberations in the 7th meeting of the National CAMPA Advisory Council (NCAC), for *inter-se* prioritization and evaluation of various projects approved in principle by the NCAC was held on 26th November 2015. Shri Rajagopal Prashant, IFS, Asstt Inspector General of Forests (Forest Conservation), MoEF&CC assisted the Committee in its deliberations.

2. The Committee was apprised of the mandate of the NCAC, as derived from paragraph 19 of the State CAMPA Guidelines approved by the hon'ble Supreme Court of India. The Committee also noted the position as regards availability of funds at the disposal of the NCAC *vis-à-vis* the funds already committed to Projects approved by the NCAC for funding.

3. With the above background, various project proponents, who had been called to make presentations before them, as listed in Annexure 'A' were heard by the Working Sub Group. After careful deliberations the Committee took the following decisions :

Agenda Item No.1 :

Proposals for strengthening of the Regional Offices of MoEF&CC

4. The RO(HQ) Unit in the MoEF&CC will recast the proposals, in respect of all the 10 Regional Offices keeping the following broad parameters in view, viz.

- Assistance will be focused on the task of Monitoring & Evaluation which is the primary mandate of the Regional Offices. The M&E tasks should cover both, the proposals approved under the Forest Conservation Act 1980; and activities undertaken in States with CAMPA funding ;
- The Regional Offices will be rendered support in the areas of technical support, procurement of hardware & software to the exclusion of the assistance being provided by the FSI, and hiring of vehicles ;
- The proposals for assistance should exclude procurement of vehicles, wages of Drivers, POL etc.;
- The WSG recommended the proposal. However, ROHQ will submit revised proposal on above lines for release of funds.

Agenda Item No.2 :

Support for Forest Research Extension & Infrastructure

5. The proposal for creation of a corpus of Rs.1,000 crores and to fund the Forest Research Extension & Infrastructure out of the interest accruals from this corpus had not found support, in the 4th meeting of the National CAMPA Advisory Council. ICFRE did not come up with fresh proposals to be funded by the NCAC in project mode. Hence the WSG decided not to recommend the proposal.

Agenda Item No.3 :

Proposal of the All India Agro Boards Association

6. The WSG observed that the proposal did not come within the scope of NCAC funding. Further, the funding for procurement of raw material for running industries had unspecified recurring financial repercussions which were beyond the scope of NCAC's mandate. The proposal was not accepted for NCAC support.

Agenda Item No.4 :

UNESCO proposal for Biodiversity Conservation & Sustainable Management of World Heritage (Natural) sites in India

7. Not recommended for NCAC support.

Agenda Item No.5 :

Setting up of National Institute of Sustainable Forestry & Natural Resources/ National Forest Documentation & Communication Centre at Delhi

8. The scope of the proposal was given in very general terms, with the financial repercussions not clearly drawn out. This was, therefore, not considered/ recommended for NCAC funding.

Agenda Item No.6 :

Support for organizing Workshop at FRI Dehradun on 'Theory and Practice of CAMPA'

9. It was observed that NCAC assistance had already been approved, and funds disbursed to the FRI University for training of various stakeholders. While in principle there was no objection to the FRI University Dehradun hosting a Workshop devoted exclusively to the various aspects of CAMPA, it was decided that Workshop be organized at Delhi and keeping this in view the financial aspect as made out in these proposals should be addressed afresh. FRI University Dehradun will submit revised proposal on above lines before release of funds.

Agenda Item No.7 :

Institute of Biodiversity, ICFRE – Proposal for establishment of COP11 block at the Institute at Hyderabad

10. The COP11 had now been outdated, with further Conferences of Parties to the Biodiversity Convention having been held. The proposal, further, was in essence meant for civil works at the Institute at Hyderabad. As this did not fall within the scope of NCAC funding, the proposal was not recommended.

Agenda Item No.8 :

Drishti – IIFM proposal for Decision Support System for Forest Ecosystems Services Valuation & Restoration

11. In view of the proposal of the IIFM for NCAC support for Geoinformatics Centre at the Institute in Bhopal, which covered many components of the proposal. It was decided not to recommend this proposal.

Agenda Item No.9 :

Development of Silicious Biopolymers for making Tailored Hybrid Geopolymeric composite material

12. The WSG felt that the Project proposal moved jointly by the IPIRTI and the CSIR, which relates to work on composite materials from various indigenous sources, to substitute wood, had been undertaken by various Institutes, with varying success. The WSG although considered the potential of the material which would be an effective substitute for wood products, felt that this project does not fall in the mandate of NCAC. The proposal was therefore not recommended.

Agenda Item No.10 :

Setting up of Academy of Forest & Environment Sciences

13. The proposal did not have sufficient details to enable its fair assessment in regard to eligibility for NCAC funding. It was not, therefore, considered appropriate for support, in its present form.

Agenda Item No.11 :

Proposal of the Wildlife Trust of India, NOIDA for setting up of Centre of Excellence on Man Animal Conflict

14. The issue of man animal conflict had been addressed in the last meeting of the NCAC following which certain steps were being taken to address the problem. The WSG considered all aspects of the proposal in its present form and was of the view that the proposed center lacked focus and core issue of addressing Man-Animal Conflict remained un-addressed. The WSK also examined the views of Wildlife Division of MoEF&CC dtd.18.11.2015. The proposal was not recommended for NCAC support.

Agenda Item No.12 :

Proposal of Uttarakhand Council for Science & Technology – Forest Based Scientometrics

15. The WSG heard the representatives of the Uttarakhand Council for Science & Technology at length. It was felt that the centre would generate and analyse valuable data for Sustainable Forest Management in the Himalayan region. The centre would develop as a model for replication in other forest rich areas of the country so that forest based livelihoods can be dovetailed with SFM. .

16. It was decided that in line with the proceedings in the 7th meeting of the NCAC, the proposal will in its Pilot phase be confined to the state of Uttarakhand, and will focus on specific forest products. The NCAC would support it for 5 years..

17. It was also felt that a Project Advisory committee under the chairmanship of DG UCoST with representatives from UKFD, FRI and Rural Development Dept. of Govt. of Uttarakhand be constituted to supervise the project. The project will submit quarterly progress reports to NCAC secretariat. The WSG recommended the proposal for approval with the above conditions.

Agenda Item No.13 :

Proposal of the FRI Dehradun for Pilot Project for Conservation and Development of Forest Genetic Resources

18. The proposal which was considered by the WSG, was the revised proposal which was drawn out following the deliberations in the 7th meeting of the NCAC. The present proposal will be a standalone project to be funded to FRI Dehradun for 5 years. ICFRE may approach MoEF or other funding agencies for its National Program on this topic which cannot be considered for NCAC funds. It was recommended that the project will be implemented by Genetics and Botany Divisions of FRI Dehradun under supervision of Director FRI Dehradun. There will be a project implementation committee under Director FRI with Heads of Genetics and Botany divisions as members. The project will submit quarterly progress reports to NCAC secretariat. The WSG recommended the proposal for funding the project in FRI Dehradun for 5 years only to be implemented in Uttarakhand. Director FRI Dehradun will submit revised proposal for 5 years before release of funds.

Agenda Item No.14 :

Proposal of the IIFM for support for setting up of Geoinformatics Centre at Bhopal

19. While supporting the proposal in principle, the Sub Group recommended that the IIFM should work closely with the FRI Dehradun to avoid duplication with the Centre of

19

Excellence established in the latter Institution, with NCAC support. In this background, inputs may be sought from the DG FSI within a period of one month. In case this leads to reduction in areas where there is duplication the financial projections should be worked out afresh. The proposal was recommended for funding.

Agenda Item No.15 :

Proposal of the Barefoot College, Tilonia, Rajasthan for providing Solar lanterns, Cook stoves & connected capacity building

20. In view of the advice issued to the PCCFs of all States/ UTs that the proposals for providing Solar lanterns, cook stoves etc to villagers living in the forest & fringe areas may be included within the definition of 'core activities' – a copy of which was handed over to the Project proponents, it was recommended, appropriately, that the Project proponents request the concerned States/ UTs for including their proposals in the Annual Plans of Operation for funding out of the CAMPA.

21. The meeting ended with Thanks to the Chair.

- (1) Dr G S Goraya, Dy Director General (Research), ICFRE, Dehradun ;
- (2) Dr N S Bisht, Director (IC), ICFRE, Dehradun ;
- (3) Dr H S Ginwal, Head (Genetics), FRI, Dehradun ;
- (4) Shri G S R Reddy, Instt of Forest Biodiversity, Hyderabad ;
- (5) Shri V S Raju of All India Agro Boards Association, Pune ;
- (6) Shri J N Sharma of All India Agro Boards Association, Pune ;
- (7) Shri Rahul Raina of All India Agro Boards Association, Pune ;
- (8) Shri Mohan Bhai of All India Agro Boards Association, Pune ;
- (9) Shri Dinesh of All India Agro Boards Association, Pune ;
- (10) Shri Bunker Roy of Barefoot College, Tilonia, Ajmer ;
- (11) Shri Bhagwat Nandan of Barefoot College, Tilonia, Ajmer ;
- (12) Shri Laxman Singh of Barefoot College, Tilonia, Ajmer ;
- (13) Dr Ms Kirti Joshi of Uttarakhand Council of Science & Technology ;
- (14) Dr Ashutosh Mishra of Uttarakhand Council of Science & Technology ;
- (15) Dr B N Mohanty of IPIRTI, Bangalore ;
- (16) Ms Sujatha D of IPIRTI, Bangalore ;
- (17) Dr Sudir Amritpale of AMPRI, CSIR, Bhopal ;
- (18) Dr Asokan Pappu of AMPRI, CSIR, Bhopal ;
- (19) Dr Chinmaya S Rathore, Professor (Information Technology), IIFM Bhopal;
- (20) Dr Ms Madhu Verma, Professor (Dev Economics), IIFM Bhopal.

Ad-hoc

Compensatory Afforestation Fund Management and Planning Authority
Constituted by the Hon'ble Supreme Court of India, by Order dated 5th May 2006 in
IA No.1337 with IA Nos.827, 1122, 1216, 1473 in
WP (Civil) No.202 of 1995 : T N Godavarman Thirumalpad Vs Union of India & Ors.

4th floor, Block No.3, CGO Complex, New Delhi – 110 003
Tel No.(011) 24368006. FAX No.(011) 24368007. E-mail : adhoc-campa-mef@nic.in

No.13-30/2015-CAMPA

Dated the 7th December 2015.

The Director,
Indian Institute of Forest Management,
Nehru Nagar, **Bhopal – 462003.**

Sub.: CAMPA / NCAC – your proposals, for assistance, from.

Sir,

Please refer to this Office letter of even number dated the 19th November 2015 on the subject mentioned above, and the proceedings / deliberations before the Working Sub Group constituted, following the recommendations made in the 7th meeting of the National CAMPA Advisory Council, under the Chairmanship of the Director General of Forests & Special Secretary to the Government of India.

2. The Working Sub Group which met on 26th November 2015 considered the following proposals of your Institute :

- (1) DRISHTI – proposal for Decision Support System for Forest Ecosystems Services Valuation and Restoration ; and
- (2) Setting up of Geo Informatics Centre at the IIFM Bhopal.

3. The following decisions were taken in respect of the above proposals :

(1) DRISHTI – proposal for Decision Support System for Forest Ecosystems Services Valuation and Restoration :

In view of the proposal of the IIFM for NCAC support for Geoinformatics Centre at the Institute in Bhopal, which covered many components of the proposal, it was decided not to recommend this proposal.

(2) Proposal of the IIFM for support for setting up of Geoinformatics Centre at Bhopal :

While supporting the proposal in principle, the Sub Group recommended that the IIFM should work closely with the FSI Dehradun to avoid duplication with the Centre of Excellence established in the latter Institution, with NCAC support. In this background, inputs may be sought from the DG FSI within a period of one month. In case this lead to reduction in areas where there is duplication the financial projections should be worked out afresh,

4. It is requested that further action may be taken pursuant to the above, and a Report furnished to this Office pursuant to the decision in respect of the proposal at (2) above, so that further necessary action is taken in this behalf.

Yours faithfully,

(M S Negi)

Inspector General of Forests &
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council

Copy to The Director General, Forest Survey of India, Dehradun.

(M S Negi)

Inspector General of Forests &
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council



From UCOST <ucost@ucost.in>

Sent Monday, December 7, 2015 3:45 pm

To : thec-campa-mef@nic.in

Subject : Opening bank details

22

Bank Name : Union Bank of India

Branch and full address : Shiva Medoco's Complex, Wing No. 2, Barrack no 10/08, Premnagar, Dehradun

Account No.: 518502010003914

IFSC Code : UBIN0560260

Name of Account Holder : Director, UCOST

Thanking you.

UCOST, Dehradun



Ad-hoc

Compensatory Afforestation Fund Management and Planning Authority
Constituted by the Hon'ble Supreme Court of India, by Order dated 5th May 2006 in
IA No.1337 with IA Nos.827, 1122, 1216, 1473 in
WP (Civil) No.202 of 1995 : T N Godavarman Thirumalpad Vs Union of India & Ors.

4th floor, Block No.3, CGO Complex, New Delhi – 110 003
Tel No.(011) 24368006. FAX No.(011) 24368007. E-mail : adhoc-campa-mef@nic.in

No.13-31/2015-CAMPA

Dated the 10th December 2015.

The Manager Incharge,
Corporation Bank, Lodhi Complex Branch,
Block No.11, CGO Complex, Lodi Rd, New Delhi 110003.

Sub.: NCAC – assistance to Uttarakhand Council for Science & Technology.

Sir,

This is to request that :

- (1) an amount of Rs.22,62,575.00 (Rs Twenty two lakhs sixty two thousand five hundred and seventy five only) may kindly be transferred from flexi A/c No.037100301120068 maintained in your Bank in the name of Compensatory Afforestation Fund – Main Account, to SB A/c No.037100101024054 in the name of National CAMPA Advisory Council;
- (2) an amount of Rs.22,62,575/00 (Rs Twenty two lakhs sixty two thousand five hundred and seventy five only) may kindly be transferred from SB A/c No.037100101024054 in the name of National CAMPA Advisory Council in your Bank, to A/c No.518502010003914 in the name of Director, UCOST (Uttarakhand Council for Science and Technology) in Union Bank of India, Branch : Shiva Medoco's Complex, Wing No.2, Barrack No.10/08, Prem Nagar, Dehradun [IFSC Code UBIN0560260] under intimation to us.

Yours faithfully,


(M S Negi)
Inspector General of Forests (Forest Conservation)
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council.

Copy to The Director General, Uttarakhand Council for Science & Technology, Jhajra, Via Premnagar, Dehradun 248007. Their letter No.UCS&T/MOEF-CoE/2015-16/10028 dated the 8th September 2015 refers.

2. The above release follows the deliberations before the Working Sub Group constituted under the Chairmanship of the Director General of Forests & Special Secretary to the Government, pursuant to the recommendations in the 7th meeting of the National



CAMPA Advisory Council, and the decisions on the recommendations of the WSG. The present release represents 50% of the projected outlay for the 1st year and is subject to the following conditions :

- (1) the balance 50% of the amount of Rs.45,25,150.00 will be released after watching the progress through the first two Quarterly Progress Reports, reflecting both the physical and financial progress which should be submitted to this Office within 15 days of the end of each Quarter ;
- (2) a Project Advisory Committee will be constituted under the Chairmanship of the Director General, Uttarakhand Council for Science & Technology with representatives of the Uttarakhand Forest Department, FRI Dehradun and Rural Development Department of the Government of Uttarakhand as Members to supervise the project. The Project Advisory Committee shall be constituted within a period of one month and a copy of the orders issued in this behalf will be furnished to this Office ;
- (3) the Project will, for the time being, be confined to the State of Uttarakhand and will focus on specific forest products. The NCAC will support the Project for a period of 5 years.


(M S Negi)

Inspector General of Forests
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council


12/12



UTTARAKHAND STATE COUNCIL FOR SCIENCE & TECHNOLOGY

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद

Department of Science & Technology, Govt. of Uttarakhand | विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड शासन

Rajendra Dobhal

PhD; FAFESc; FNASc
Director General
Secretary
NASI, UK Chapter

राजेन्द्र डोभाल

पि.एच.डी. एफ.ए.एस.सी. एन.ए.एस.सी.
महानिदेशक
सचिव
नासी, उत्तराखण्ड अध्याय

No. 11262 /UCS&T/MOEF-COE/2015-16

Dehradun, Dated: 01.06.2016

VIGYAN DHAM

Vigyan Sadan Block
Dehradun – 248 007
Uttarakhand, INDIA

(t) + 91-9412051556/57
(e) dg@ucost.in
ucost@ucost.in
(w) www.ucost.in

To,

Shri M.S. Negi

Inspector General of Forests (Forest Conservation)
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council
4th Floor, Block No. 3, CGO Complex
New Delhi-110003

Sub.: Submission of Utilization Certificate, Statement of Expenditure and Annual Report of the Project “Centre of Excellence on Forest Based Livelihood in Uttarakhand” till 31st March 2016.

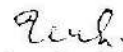
Dear Sir,

Please find the attached Utilization Certificate (UC), Statement of Expenditure (SOE) and Annual Report of the project “Centre of Excellence on Forest Based Livelihood in Uttarakhand” till 31st March 2016 sanctioned to Uttarakhand State Council for Science & Technology (UCOST), Dehradun vide Letter No. 13-31/2015-CAMPA, dated 10th Dec 2015 by MOEF & CC under CAMPA.

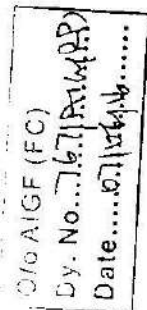
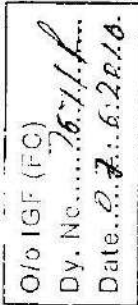
It is requested to kindly release the funds worth ₹ 33,93,863/- (₹ Thirty three lakh ninety three thousand eight hundred and sixty three only) to meet the expenses of the project till 31st March 2017.

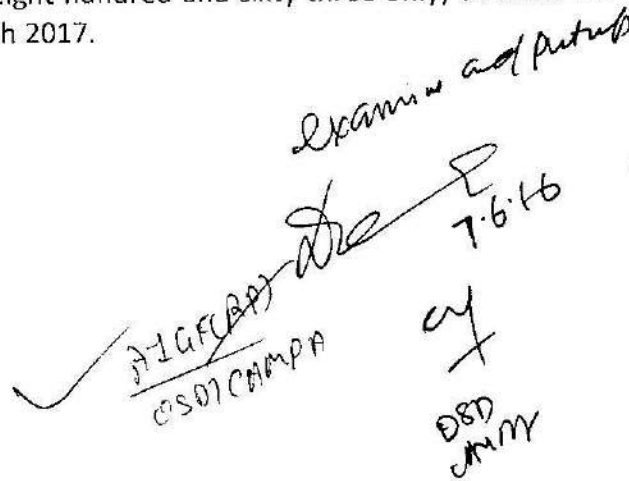
Thanking You,

Yours sincerely,


(Rajendra Dobhal)
Director General

Encl. as above




AIGF (FC)
OSD/CAMPA
7.6.16
DSD
JMM

25

UTILIZATION CERTIFICATE

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

(To be sent in duplicate)


For the financial year 2015-2016 (Jan 01, 2016 to March 31, 2016)

- | | |
|--|--|
| 1. Title of the Project/Scheme/Programme: | Centre of Excellence on Forest Based Livelihood in Uttarakhand – A Pilot Study |
| 2. Name of the Principal Investigator and Organization: | Dr Rajendra Dobhal (DG, UCOST)
Uttarakhand State Council For Science and Technology |
| 3. Ministry of Environment and Forests Letter No. and date of sanctioning the project: | No. 13-31/2015-CAMPA
10/12/2015 |
| 4. Amount brought forward from the previous financial year, quoting the Ministry of Environment and Forests Letter No. And the date on which the Authority to carry forward the said amount was given: | NIL |
| 5. Amount received from Ministry of Environment and Forests during the financial year
(Please give number and dates of sanction orders showing the amount paid): | Rs 22,62,575 (Received amount)
(Sanction order no.- No. 13-31/2015-CAMPA,
Sanction order date- 10/12/2015) |
| 6. Total amount that was available for expenditure (including commitments) incurred during the financial year: | Rs 22,62,575.00 |
| 7. Actual expenditure (excluding commitments) incurred during the financial year (S.No. 4+5): | Rs 10,42,880.00 |
| 8. Unspent balance amount refunded, if any (please give details of cheque No., etc.) | NIL |
| 9. Balance amount available at the end of financial year | Rs 12,19,695.00 |
| 10. Amount allowed to be carry forward to the next year financial year with letter No. and date | Rs 12,19,695.00 |
| 11. Accrued bank interest | * |


* Accrued Bank Interest of Rs 992.00 is transferred to council corpus head

Certified that the expenditure of Rs 10,42,880.00 (Rupees Ten lakh , fourty two thousand, eight hundred eighty only) mentioned against column 7 was actually incurred on the Project/Scheme for the purpose which it was sanctioned.


Date:



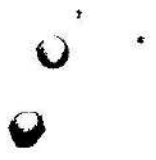
(Signature of Principal Investigator)



(Signature of Registrar/
Accounts Officer)



(Signature of Head of the
Organization) U-COST




OUR REFERENCE NO.

76


ACCEPTED AND COUNTERSIGNED

Date:

COMPETENT AUTHORITY
MINISTRY OF ENVIRONMENT AND FORESTS



Signature of Principal
investigator



Head of the institution



Registrar

DATE: _____



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EXPENDITURE STATEMENT

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

Statement showing the expenditure of the period from 01/01/2016 to 31/03/2016

Sanction No. & Date : No. 13-31/2015-CAMPA & 10/12/2015

- | | | | |
|---|---|-----------------|-------------|
| 1 | Total outlay of the project : | Rs 45,25,150.00 | /- per year |
| 2 | Date of Start of the project : | 10/12/2015 | |
| 3 | Duration : | 5 Years | |
| 4 | Date of Completion : | 9/12/2020 | |
| a | Amount Received during the financial year | Rs 22,62,575.00 | /- |
| b | Unspent amount carried forward from previous financial year : | Rs NIL | |
| c | Total amount available for Expenditure (a+b) : | Rs 22,62,575.00 | /- |

S.No.	Budget Head	Amount received for two quarters	Expenditure up to 31 st March 2016	Amount balance	Amount required up to 31 st March 2017
1	Salaries	9,88,152.00	89,189.00	8,98,963.00	14,82,228.00
2	Permanent Equipment Purchased (item -wise)	NIL	NIL	NIL	NIL
3	Expendables /Consumables	1,25,000.00	1,25,000.00	0	1,87,500.00
4	Travel	2,50,000.00	1,80,218.00	69,782.00	3,75,000.00
5	Contingencies	2,00,000.00	2,00,000.00	0	3,00,000.00
6	Other Project Costs, If any (please specify), Honorarium + Miscellaneous	1,54,950.00	1,54,000.00	950.00	2,32,425.00
7	Dissemination of Research Work	2,50,000.00	NIL	2,50,000.00	3,75,000.00
8	Institutional Charges	2,94,473.00	2,94,473.00	0	4,41,710.00
9	Accrued Bank Interest	-	-	*	-
10	Total	22,62,575.00	10,42,880.00	12,19,695.00	33,93,863.00
11	Amount allowed to be carried forward to the next financial year	-	-	12,19,695.00	-

* Accrued Bank Interest of Rs 992.00 is transferred to council corpus head

Certified that the expenditure of Rs 10,42,880.00 (Rupees ten lakh, forty two thousand, eight hundred eighty only) actually incurred on the Project/Scheme for the purpose for which it was sanctioned.

(Signature of Principal Investigator)

(Signature of Registrar/
Accounts Officer)

(Signature of Head of the
Organization)

OUR REF. No.

Date :

ACCEPTED AND COUNTERSIGNED
COMPETENT AUTHORITY
MINISTRY OF ENVIRONMENT & FORESTS

Dr. Rajendra Prasad

State Science

2016



ANNUAL PROGRESS OF THE PROJECT (Jan 01, 2016 to March 31, 2016)

- 1 Title of the project : Centre of Excellence on Forest Based Livelihood in Uttarakhand- A Pilot Study
- 2 Name and address of Principal Investigator- Dr. Rajendra Dobhal
Director General,
Uttarakhand State Council For Science & Technology,
Vigyan Dham, Jhajhra, Via- Premnagar,
Dehradun-248007
(Uttarakhand)
- 3 Number and date of Sanction letter- No.13-31/2015-CAMPA
10/12/2015
- 4 Duration of the Project Five Years
- 5 Total outlay of the Project 45,25,150 (Budget for one year)
22,62,575 (Released amount)
- 6 Date of start of Project 10/12/2015
- 7 Fused vis- a -vis utilized (cumulative)

	Receipt	Expenditure
1. Salaries	9,88,152.00	89,189.00
2. Permanent Equipment	NIL	NIL
3. Consumables	1,25,000.00	1,25,000.00
4. Travels	2,50,000.00	1,80,218.00
5. Contingencies	2,00,000.00	2,00,000.00
6. Institutional charges	2,94,473.00	2,94,473.00
7. Other Project Costs, If any (please specify), Honorarium + Miscellaneous	1,54,950.00	1,54,000.00

8 (i) Objective of the project

- a) To collect all the available data on forest based produce with focus on non-timber products like medicinal plants and bamboo and to create a clearing house for the same.
- b) To interact with people through focused group discussion (FGD) and to estimate their dependence on forests for their livelihood.
- c) To do value and supply chain analysis for different forest products.
- d) To create a resource directory of various government and non-government organisations, private institutes and experts working in the area of forest livelihood.
- e) To conduct socio-economic analysis and estimate cultural dependence of the forest fringe villages on forestry.



(ii) Objectives undertaken during the first quarter

- a) Infrastructure development for Centre of Excellence on Forest Based Livelihood in Uttarakhand
- b) Recruitment of Project staff
- c) Consultation with experts to discuss objectives and work plan

9 Progress during the period under review as well as overall

- i) Research facilities for creating Centre of Excellence were developed
- ii) Project staff comprising of one Senior Scientist, one Scientist and two Junior research fellows was recruited
- iii) Two meetings with the experts on forest based livelihood were held
- iv) Format of Resource directory for Centre of Excellence was prepared.
- v) Correspondences were made with the concerned departments / resource persons to nominate experts so as to constitute Project Advisory Committee.

10 Methodology followed

- i) Various position under project were advertised on website and daily newspaper dated 23rd March 2016 (Annexure-I)
- ii) Interviews were held on 23rd March 2016
- iii) Formal joining of Project team by 18th March 2016. The Centre of Excellence team include-
 - 1) Dr Ajeet Kaur Sr. Scientist
 - 2) Mr. Siddharth Napalchyal Scientist
 - 3) Mrs. Kanchan Dobhal Junior Research Fellow
 - 4) Ms. Seema Maikhuri Junior Research Fellow

- iv) Meeting with expert (Annexure- II)

11 Targets and achievements (physical)

- a) Two meetings were held with experts

On 21st March 2016 A Departmental Advisory Committee Meeting was held at the Centre of Excellence (COE) on Forest Based Livelihood in Uttarakhand to discuss the objective of the project. Another meeting was held on 31st March 2016 to discuss the work plan and to formulate various project strategies.

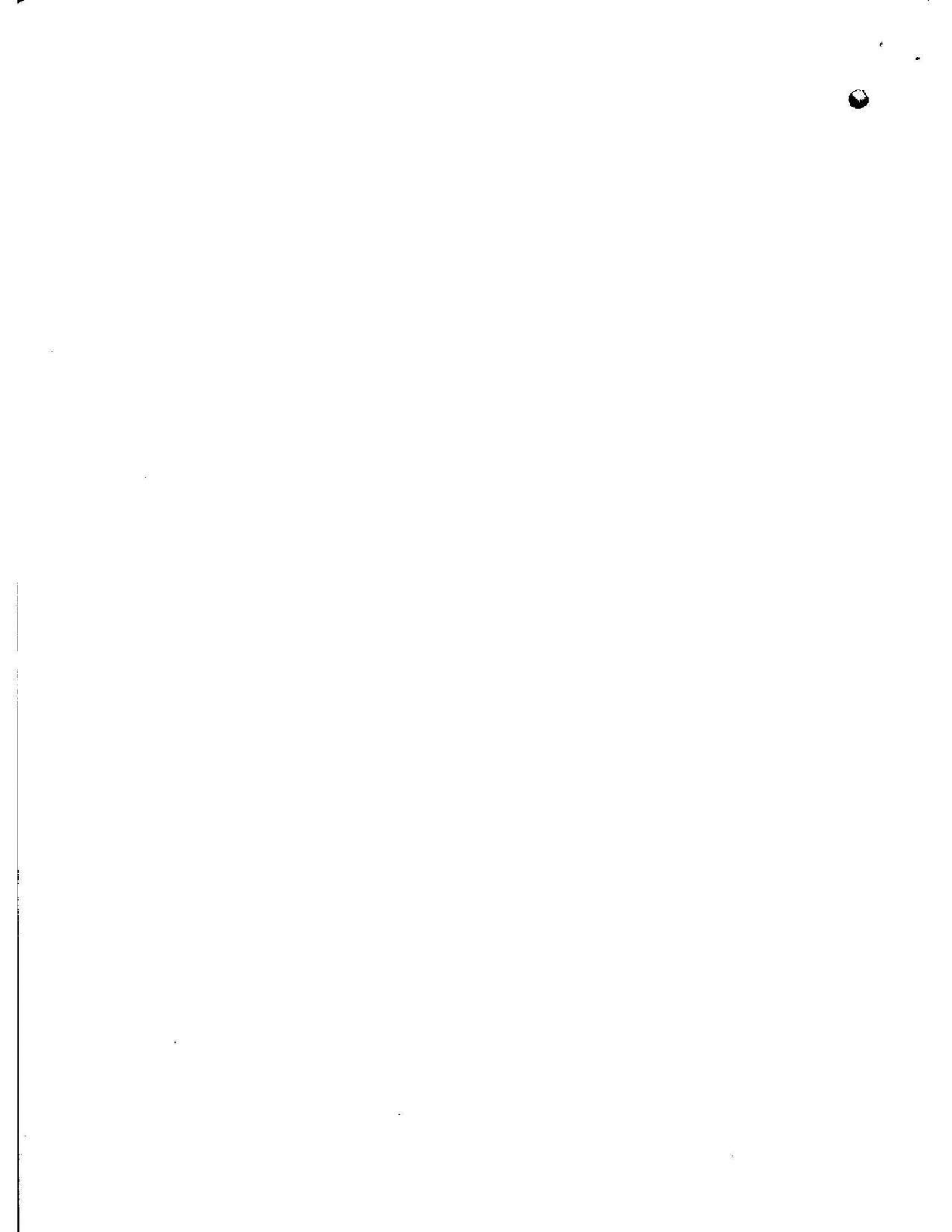
- b) Resource directory format for Centre of Excellence was prepared. This will include detailed information such as name, address, website, Email id and contact number of various government and non-government organisations, private institutes and experts working in the area of forest livelihood. (Annexure --III)



- 12 **Programme of work for the next year on part thereof**
 - a) To constitute a Project Advisory Committee (PAC) under the Chairmanship of the Director General, Uttarakhand State Council For Science & Technology with representatives of Uttarakhand Forest Department , Rural Development Department of Government of Uttarakhand and Forest Research Institute Dehradun as members to supervise the project
 - b) To construct web page for Centre of Excellence
 - c) To prepare Brochure for Centre of Excellence
 - d) To prepare different types of question schedules for surveys to be conducted at villages, NGOs, central and state government institutions which are working on forestry and medicinal plants. Village survey will include 10 villages from each upper, middle and lower Himalayas.
 - e) Meetings with resource persons and experts in forestry
 - f) Identification of villages and sites for primary data collection and focussed group discussion (FGD)
 - g) Secondary data and literature collection from various sources

- 13 Publication, if any , based on the work done under the project
NA

- 14 Any other relevant information
NA



Meeting of the Departmental Advisory Committee for Centre of Excellence on Forest Based Livelihood In Uttarakhand

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 21.03.2016

Time : 11.00 A.M.

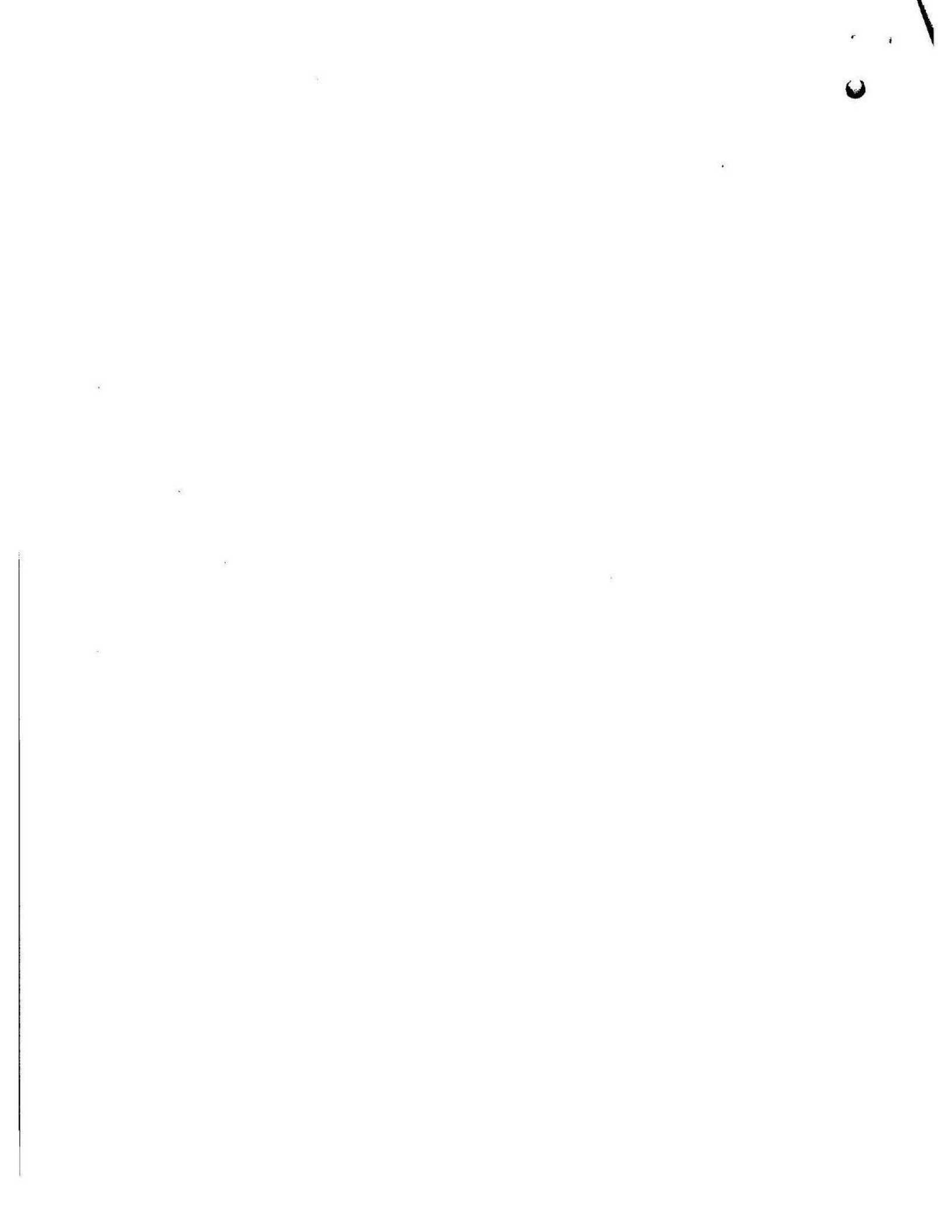
Minutes of the Departmental Advisory Committee Meeting for Centre of Excellence on Forest Based Livelihood in Uttarakhand

The meeting was attended by the following officials:

- 1) Dr. B.P. Purohit, Joint Director, UCOST, Dehradun.
- 2) Dr. D.P. Uniyal, Sr. Scientific Officer, UCOST, Dehradun.
- 3) Dr. Kirti Joshi, Sr. Scientific Officer, UCOST, Dehradun.
- 4) Dr. Ashutosh Mishra, Scientific Officer, UCOST, Dehradun.
- 5) Sh. Nathi Ram, Scientific Officer, UCOST, Dehradun.
- 6) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
- 7) Mr. Siddharth Napalchyal, Scientist, COE, UCOST, Dehradun.
- 8) Ms. Seema Maikhuri, JRF, COE, UCOST, Dehradun.
- 9) Mrs. Kanchan Dobhal, JRF, COE, UCOST, Dehradun.

Following decisions were taken during the meeting:

- 1) Everyone was apprised of the background which conceptualized the idea of Center of Excellence for Forest based Livelihood in Uttarakhand.
- 2) Concept note of Center of Excellence was discussed.
- 3) Objectives of the project was discussed in detail.
- 4) It was decided to initiate the preparation of resource directory of various organizations in the field of forestry livelihood.
- 5) It was also decided to bring out a brochure on Centre of Excellence for Forest based Livelihood in Uttarakhand.
- 6) A meeting was suggested to be planned with officials/ experts of Madhya Pradesh to formulate various project strategies.
- 7) It was emphasized to concentrate on secondary data collection.
- 8) Relevant research material should be collected and studied.



**Expert Committee Meeting for Centre of Excellence on Forest
Based Livelihoods in Uttarakhand**

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand
Date : 31.03.2016
Time : 10:00 A.M.

**Minutes of the Expert Committee Meeting for Centre of
Excellence on Forest Based Livelihoods in Uttarakhand**

The meeting was attended by following officials:-

- 1) Dr. Rajendra Dobhal, Director General, UCOST, Dehradun.
- 2) Dr. N.P. Shukla, Ex. Chairman, MPPCB, Bhopal
- 3) Dr. Ram Prashad, Ex. PCCF, Bhopal, MP
- 4) Mr. M.K.Tiwari, Jt. Director, MPCOST, Bhopal
- 5) Dr. B.P. Purohit, Joint Director, UCOST, Dehradun.
- 6) Dr. D.P.Uniyal, Sr. Scientific Officer, UCOST, Dehradun
- 7) Dr. Ashutosh Mishra, Scientific Officer, UCOST, Dehradun
- 8) Dr. Kirti Joshi, Scientific Officer, UCOST, Dehradun
- 9) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun
- 10) Mr. Siddharth Napalchiyal, Scientist, COE, UCOST, Dehradun

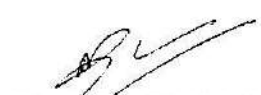
Following decisions were taken during the meeting:

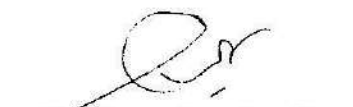
1. Importance should be given to the quality of data being collected.
2. Relying on secondary data only may not provide a holistic picture, therefore few primary data sets should be generated.
3. Some primary data collection may be outsourced at small expenditure. Due credit should be given to secondary data used in study.
4. Ten villages may be chosen from each of upper, middle and lower Himalayan region of Uttarakhand for Focussed Group Discussion (FGD).
5. Questionnaire should be prepared and two villages may be covered in a day for FGD for each Himalaya region.
6. Villagers may be made to assemble at a place and should be entertained with tea/snacks. School premises may also be used for this purpose. Help from teachers may be sought. children may be treated with toffees.
7. Questions may be asked regarding quantity of NTFPs collected, consumed and sold and their selling prices at four different times i.e. 10.5.2. near back of the




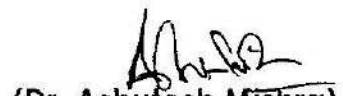
- 8. Data may be collected from persons of three different age groups i.e. old, middle and young.
- 9. Ask for number of persons involved in each family for collecting different NTFPs.
Collect data on women drudgery.
- 10. Also collect data on other sources of family income like agriculture, service and business sectors.
Estimate dependence of family income on forests.
- 11. Do value and supply chain analysis for different NTFPs.
- 12. Forest rivers/streams/springs may also be seen as a source of livelihood. Bottling plants may be set up at such places and ownership may be given to locals.
- 13. The project should be able to increase livelihood opportunities in the state.

Meeting ended with vote of thanks.



(Dr. N.P. Shukla)
 Ex. Chairman,
 MPPCB, Bhopal

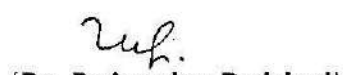

(Dr. Ram Prashad)
 Ex. PCCF, Bhopal, MP


(Mr. M.K. Tiwari)
 Jt. Director, MPCOST,
 Bhopal


(Dr. Ashutosh Mishra)
 Scientific Officer,
 UCOST, Dehradun


(Dr. Kirti Joshi)
 Scientific Officer,
 UCOST, Dehradun


(Dr. B.P. Purohit)
 Joint Director,
 UCOST, Dehradun


(Dr. Rajendra Dobhal)
 Director General
 UCOST, Dehradun



2/10

(Format for Resource Directory)

**“CENTRE OF EXCELLENCE ON FOREST BASED LIVELIHOOD IN UTTARAKHAND
– A PILOT STUDY”**

(MINISTRY OF FORESTRY, ENVIRONMENT AND CLIMATE CHANGE DIVISION)

Centre of Excellence on Forest based livelihood will serve as a knowledge and study centre for forest based resources in Uttarakhand. A large number of specialized research institutes dealing in to forest issues have come up over the years. COE will enlist various government and non-government organisations, private institutes and experts working in the area of forest based livelihood. So we have prepared a format for resource directory which will provide detail information about name, address, website, Email id and contact number of various government and non-government organisations, private institutes and experts working in the area of forest based livelihood. Example of the resource directory is shown below -

MINISTRY OF FORESTRY, ENVIRONMENT AND CLIMATE CHANGE DIVISION				
S. No.	Name	Address	Contact Number	Email/ Website
1				
2				
3				
4				
5				

STATE FOREST DEPARTMENTS, UTTARAKHAND				
S. No.	Name	Address	Contact Number	Email/Website
1				
2				
3				
4				
5				

CENTRAL SCIENTIFIC INSTITUTES IN UTTARAKHAND				
S. No.	Name	Address	Contact Number	Email/Website
1				
2				
3				
4				
5				

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UTILIZATION CERTIFICATE

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

(To be sent in duplicate)


For the financial year 2015-2016 (Jan 01, 2016 to March 31, 2016)

- | | |
|---|--|
| 1. Title of the Project/Scheme/Programme: | Centre of Excellence on Forest Based
Livelihood in Uttarakhand -- A Pilot Study |
| 2. Name of the Principal Investigator and Organization: | Dr Rajendra Dobhal (DG, UCOST)
Uttarakhand State Council For Science and
Technology |
| 3. Ministry of Environment and Forests Letter No. and
date of sanctioning the project: | No. 13-31/2015-CAMPA
10/12/2015 |
| 4. Amount brought forward from the previous financial
year, quoting the Ministry of Environment and Forests
Letter No. And the date on which the Authority to carry
forward the said amount was given: | NIL |
| 5. Amount received from Ministry of Environment and
Forests during the financial year
(Please give number and dates of sanction orders
showing the amount paid): | Rs 22,62,575 (Received amount)
(Sanction order no.- No. 13-31/2015-
CAMPA,
Sanction order date- 10/12/2015) |
| 6. Total amount that was available for expenditure
(including commitments) incurred during the financial
year: | Rs 22,62,575.00 |
| 7. Actual expenditure (excluding commitments) incurred
during the financial year (S.No. 4+5): | Rs 10,42,880.00 |
| 8. Unspent balance amount refunded, if any (please give
details of cheque No., etc.) | NIL |
| 9. Balance amount available at the end of financial year | Rs 12,19,695.00 |
| 10. Amount allowed to be carry forward to the next year
financial year with letter No. and date | Rs 12,19,695.00 |
| 11. Accrued bank interest | * |


* Accrued Bank Interest of Rs 992.00 is transferred to council corpus head

Certified that the expenditure of Rs 10,42,880.00 (Rupees Ten lakh , forty two thousand, eight hundred eighty only) mentioned against column 7 was actually incurred on the Project/Scheme for the purpose which it was sanctioned.


Date:



(Signature of Principal
Investigator)



(Signature of Registrar/
Accounts Officer)



(Signature of Head of the
Organization) / U-COST




36

OUR REFERENCE NO.


ACCEPTED AND COUNTERSIGNED

Date:

COMPETENT AUTHORITY
MINISTRY OF ENVIRONMENT AND FORESTS



Signature of Principal
investigator



Head of the Institution



Registrar

37

EXPENDITURE STATEMENT

MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE

Statement showing the expenditure of the period from 01/01/2016 to 31/03/2016

Sanction No. & Date : No. 13-31/2015-CAMPA & 10/12/2015

- 1 **Total outlay of the project :** Rs 45,25,150.00 /- per year
- 2 **Date of Start of the project :** 10/12/2015
- 3 **Duration :** 5 Years
- 4 **Date of Completion :** 9/12/2020
- a Amount Received during the financial year : Rs 22,62,575.00 /-
- b Unspent amount carried forward from previous financial year : Rs NIL
- c Total amount available for Expenditure (a+b) : Rs 22,62,575.00 /-

S.No.	Budget Head	Amount received for two quarters	Expenditure up to 31 st March 2016	Amount balance	Amount required up to 31 st March 2017
1	Salaries	9,88,152.00	89,189.00	8,98,963.00	14,82,228.00
2	Permanent Equipment Purchased (item -wise)	NIL	NIL	NIL	NIL
3	Expendables /Consumables	1,25,000.00	1,25,000.00	0	1,87,500.00
4	Travel	2,50,000.00	1,80,218.00	69,782.00	3,75,000.00
5	Contingencies	2,00,000.00	2,00,000.00	0	3,00,000.00
6	Other Project Costs, If any (please specify), Honorarium + Miscellaneous	1,54,950.00	1,54,000.00	950.00	2,32,425.00
7	Dissemination of Research Work	2,50,000.00	NIL	2,50,000.00	3,75,000.00
8	Institutional Charges	2,94,473.00	2,94,473.00	0	4,41,710.00
9	Accrued Bank Interest	-	-	*	-
10	Total	22,62,575.00	10,42,880.00	12,19,695.00	33,93,863.00
11	Amount allowed to be carried forward to the next financial year	-	-	12,19,695.00	-

*Accrued Bank Interest of Rs 992.00 is transferred to council corpus head

Certified that the expenditure of **Rs 10,42,880.00 (Rupees ten lakh, fourty two thousand, eight hundred eighty only)** actually incurred on the Project/Scheme for the purpose for which it was sanctioned.

(Signature of Principal Investigator)

(Signature of Registrar/Accounts Officer)

(Signature of Head of the Organization)
Dr. Rajendra Debnath
Director
State Science and Technology Council
Dehradun

OUR REF. No.

Date :

ACCEPTED AND COUNTERSIGNED
COMPETENT AUTHORITY
MINISTRY OF ENVIRONMENT & FORESTS



Meeting of the Departmental Advisory Committee for Centre of Excellence on Forest Based Livelihood In Uttarakhand

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 21.03.2016

Time : 11.00 A.M.

Minutes of the Departmental Advisory Committee Meeting for Centre of Excellence on Forest Based Livelihood in Uttarakhand

The meeting was attended by the following officials:

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- 2) Dr. D.P. Uniyal, Sr. Scientific Officer, UCOST, Dehradun.
- 3) Dr. Kirti Joshi, Sr. Scientific Officer, UCOST, Dehradun.
- 4) Dr. Ashutosh Mishra, Scientific Officer, UCOST, Dehradun.
- 5) Sh. Nathi Ram, Scientific Officer, UCOST, Dehradun.
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- 9) Mrs. Kanchan Dobhal, JRF, COE, UCOST, Dehradun.

Following decisions were taken during the meeting:

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- 3) Objectives of the project was discussed in detail.
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**Expert Committee Meeting for Centre of Excellence on Forest
Based Livelihoods in Uttarakhand**

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand
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Time : 10:00 A.M.

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Following decisions were taken during the meeting:


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2. Relying on secondary data only may not provide a holistic picture, therefore few primary data sets should be generated.
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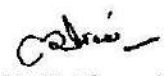


- NK
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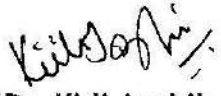
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(Dr. N.P. Shukla)
Ex. Chairman,
MPPCB, Bhopal


(Dr. Ram Prashad)
Ex. PCCF, Bhopal, MP


(Mr. M.K. Tiwari)
Jt. Director, MPCOST,
Bhopal


(Dr. Ashutosh Mishra)
Scientific Officer,
UCOST, Dehradun


(Dr. Kirti Joshi)
Scientific Officer,
UCOST, Dehradun


(Dr. B.P. Purohit)
Joint Director,
UCOST, Dehradun


(Dr. Rajendra Dobhal)
Director General
UCOST, Dehradun

007.

**(Format for Resource Directory)**

**“CENTRE OF EXCELLENCE ON FOREST BASED LIVELIHOOD IN UTTARAKHAND
– A PILOT STUDY”**

(MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE)

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5				

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S. No.	Name	Address	Contact Number	Email/Website
1				
2				
3				
4				
5				

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ANNUAL PROGRESS OF THE PROJECT (Jan 01, 2016 to March 31, 2016)

- 1 Title of the project : Centre of Excellence on Forest Based Livelihood in Uttarakhand- A Pilot Study
- 2 Name and address of Principal Investigator- Dr. Rajendra Dobhal
Director General,
Uttarakhand State Council For Science & Technology,
Vigyan Dham, Jhajhra, Via- Premnagar,
Dehradun-248007
(Uttarakhand)
- 3 Number and date of Sanction letter- No.13-31/2015-CAMPA
10/12/2015
- 4 Duration of the Project Five Years
- 5 Total outlay of the Project 45,25,150 (Budget for one year)
22,62,575 (Released amount)
- 6 Date of start of Project 10/12/2015
- 7 Fused vis- a -vis utilized (cumulative)

	Receipt	Expenditure
1. Salaries	9,88,152.00	89,189.00
2. Permanent Equipment	NIL	NIL
3. Consumables	1,25,000.00	1,25,000.00
4. Travels	2,50,000.00	1,80,218.00
5. Contingencies	2,00,000.00	2,00,000.00
6. Institutional charges	2,94,473.00	2,94,473.00
7. Other Project Costs, If any (please specify), Honorarium + Miscellaneous	1,54,950.00	1,54,000.00

8 (i) Objective of the project

- a) To collect all the available data on forest based produce with focus on non-timber products like medicinal plants and bamboo and to create a clearing house for the same.
- b) To interact with people through focused group discussion (FGD) and to estimate their dependence on forests for their livelihood.
- c) To do value and supply chain analysis for different forest products.
- d) To create a resource directory of various government and non-government organisations, private institutes and experts working in the area of forest livelihood.
- e) To conduct socio-economic analysis and estimate cultural dependence of the forest fringe villages on forestry.

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(ii) **Objectives undertaken during the first quarter**

- a) Infrastructure development for Centre of Excellence on Forest Based Livelihood in Uttarakhand
- b) Recruitment of Project staff
- c) Consultation with experts to discuss objectives and work plan

9 Progress during the period under review as well as overall

- i) Research facilities for creating Centre of Excellence were developed
- ii) Project staff comprising of one Senior Scientist, one Scientist and two Junior research fellows was recruited
- iii) Two meetings with the experts on forest based livelihood were held
- iv) Format of Resource directory for Centre of Excellence was prepared.
- v) Correspondences were made with the concerned departments / resource persons to nominate experts so as to constitute Project Advisory Committee.

10 Methodology followed

- i) Various position under project were advertised on website and daily newspaper dated 23rd March 2016 (Annexure-I)
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11 Targets and achievements (physical)

- a) Two meetings were held with experts

On 21st March 2016 A Departmental Advisory Committee Meeting was held at the Centre of Excellence (COE) on Forest Based Livelihood in Uttarakhand to discuss the objective of the project. Another meeting was held on 31st March 2016 to discuss the work plan and to formulate various project strategies.

- b) Resource directory format for Centre of Excellence was prepared. This will include detailed information such as name, address, website, Email id and contact number of various government and non-government organisations, private institutes and experts working in the area of forest livelihood. (Annexure - III)

12

12 Programme of work for the next year on part thereof

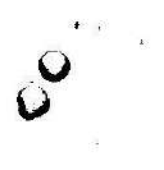
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- b) To construct web page for Centre of Excellence
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- d) To prepare different types of question schedules for surveys to be conducted at villages, NGOs, central and state government institutions which are working on forestry and medicinal plants. Village survey will include 10 villages from each upper, middle and lower Himalayas.
- e) Meetings with resource persons and experts in forestry
- f) Identification of villages and sites for primary data collection and focussed group discussion (FGD)
- g) Secondary data and literature collection from various sources

13 Publication, if any , based on the work done under the project

NA

14 Any other relevant information

NA



DEHRADUN, SATURDAY JANUARY 23, 2016; PAGES 16 ₹2

the pioneer

Uttarakhand State Council for Science and Technology (UCOST)

Department of Science and Technology
(Govt. of Uttarakhand)

Vigyan Dham, Jhajra, Dehradun (UK) – 248007
(Tel: 0135-2102770; Website: www.ucost.in)



No. UCS&T/Advt./Projects/2016

Dated: 22 January, 2016

Uttarakhand State Council for Science and Technology, Dehradun invites applications for the below mentioned posts:

A) Project entitled "Centre of Excellence on Forest based Livelihood in Uttarakhand – A Pilot Study" by Ministry of Environment and Forest, GOI, New Delhi:

- 1) Senior Scientist (₹15600-39100 G.P. ₹6600) - 01 no.
- 2) Scientist (₹15600-39100 G.P. ₹5400) - 01 no.
- 3) Junior Research Fellow (₹25,000/- per month-consolidated) - 02 nos.

B) For "Patent Information Centre" funded by Department of Science and Technology, GOI, New Delhi:

- 1) Scientist 'B' (₹15600-39100 G.P. ₹5400) - 01 no.

All the above posts are purely on temporary basis, initially for one year/co-terminus with the project period. For further details please see the full advertisement in our website <http://ucost.in>.

Candidates possessing the requisite qualifications & experience may send their applications on plain paper as per proforma given in our website (<http://ucost.in>) with necessary self-attested copies of certificates/mark sheets to: The Director General, Uttarakhand State Council for Science and Technology, Vigyan Dham, Jhajra, Dehradun – 248007, Uttarakhand by registered/speed post on or before 05th February, 2016 (05:00 PM).

(Dr Rajendra Dobhal)

Director General

Annexure -I

4/1/16

COA



Annexure-I
(12)

Uttarakhand State Council for Science and Technology (UCOST)
Department of Science and Technology (Govt. of Uttarakhand)
Vigyan Dham, Jhajra, Dehradun (UK) – 248007
[Tel: 0135-2102770; Website: www.ucost.in]

Project Name: "Centre of Excellence on Forest based Livelihood in Uttarakhand – A Pilot Study"

- (A) **Name of the Post** - Senior Scientist
No. of Post - 01 no.
Essential Qualification - Post Graduate in Life Sciences discipline (preferably in Forestry and Environment) Ph.D. in above discipline of Science
Desirable Qualification - 02 years working experience in research or teaching. Publication in pair reviewed journals.
Pay Scale - Rs 15600-39100/- G.P. Rs 6600/- (minimum pay scale with eligible rules)
Age Limit - Maximum upto 45 years
- (B) **Name of the Post** - Scientist
No. of Post - 01 no.
Essential Qualification - MBA degree with experience of policy formulation, coordination of training programme with skill of computer application having science or commerce background.
Pay Scale - Rs 15600-39100/- G.P. Rs 5400/- (minimum pay scale with eligible rules)
Age Limit - Maximum upto 40 years
- (C) **Name of the Post** - Junior Research Fellow (JRF)
No. of Post - 02 nos.
Essential Qualification - Post Graduate in Life Sciences discipline or Statistics.
Salary - Rs 25,000/- per month (consolidated)
Age Limit - Maximum upto 28 years

Age limit will be counted on the date of advertisement.

Candidates possessing the requisite qualifications may send their applications on plain paper as per performa given in the website (<http://ucost.in>) with necessary self-attested copies of certificates/ mark sheets to:

The Director General, Uttarakhand State Council for Science & Technology, Vigyan Dham, Jhajra, Dehradun 248007 by post in an envelope superscribed with 'Name of Post' upto

16th February 2016 (05:00 PM)

5

THE PIONEER

Uttarakhand State Council for Science and Technology (UCOST)

Department of Science and Technology

(Govt. of Uttarakhand)

Vigyan Dham, Jhajra, Dehradun (UK) – 248007

(Tel: 0135-2102770; Website: www.ucost.in)



No. UCS&T/Advt./Projects/2016

Dated: 22 January, 2016

Uttarakhand State Council for Science and Technology, Dehradun invites applications for the below mentioned posts:

A) Project entitled "Centre of Excellence on Forest based Livelihood in Uttarakhand – A Pilot Study" by Ministry of Environment and Forest, GOI, New Delhi:

- 1) Senior Scientist (₹15600-39100 G.P. ₹6600) - 01 no.
- 2) Scientist (₹15600-39100 G.P. ₹5400) - 01 no.
- 3) Junior Research Fellow (₹25,000/- per month-consolidated) - 02 nos.

B) For "Patent Information Centre" funded by Department of Science and Technology, GOI, New Delhi:

- 1) Scientist 'B' (₹15600-39100 G.P. ₹5400) - 01 no.

All the above posts are purely on temporary basis, initially for one year/co-terminus with the project period. For further details please see the full advertisement in our website <http://ucost.in>.

Candidates possessing the requisite qualifications & experience may send their applications on plain paper as per proforma given in our website (<http://ucost.in>) with necessary self-attested copies of certificates/marksheets to: The Director General, Uttarakhand State Council for Science and Technology, Vigyan Dham, Jhajra, Dehradun – 248007, Uttarakhand by registered/speed post on or before 05th February, 2016 (05:00 PM).

(Dr Rajendra Dobhal)

Director General



Uttarakhand State Council for Science and Technology (UCOST)
Department of Science and Technology (Govt. of Uttarakhand)
Vigyan Dham, Jhajra, Dehradun (UK) – 248007
 [Tel: 0135-2102770; Website: www.ucost.in]

Project Name: **"Centre of Excellence on Forest based Livelihood in Uttarakhand – A Pilot Study"**

- | | | | |
|-----|--------------------------------|---|--|
| (A) | Name of the Post | - | Senior Scientist |
| | No. of Post | - | 01 no. |
| | Essential Qualification | - | Post Graduate in Life Sciences discipline (preferably in Forestry and Environment) Ph.D. in above discipline of Science |
| | Desirable Qualification | - | 02 years working experience in research or teaching. Publication in pair reviewed journals. |
| | Pay Scale | - | Rs 15600-39100/- G.P. Rs 6600/- (minimum pay scale with eligible rules) |
| | Age Limit | - | Maximum upto 45 years |
| (B) | Name of the Post | - | Scientist |
| | No. of Post | - | 01 no. |
| | Essential Qualification | - | MBA degree with experience of policy formulation, coordination of training programme with skill of computer application having science or commerce background. |
| | Pay Scale | - | Rs 15600-39100/- G.P. Rs 5400/- (minimum pay scale with eligible rules) |
| | Age Limit | - | Maximum upto 40 years |
| (C) | Name of the Post | - | Junior Research Fellow (JRF) |
| | No. of Post | - | 02 nos. |
| | Essential Qualification | - | Post Graduate in Life Sciences discipline or Statistics. |
| | Salary | - | Rs 25,000/- per month (consolidated) |
| | Age Limit | - | Maximum upto 28 years |

Age limit will be counted on the date of advertisement.

Candidates possessing the requisite qualifications may send their applications on plain paper as per performa given in the website (<http://ucost.in>) with necessary self-attested copies of certificates/ mark sheets to:

The Director General, Uttarakhand State Council for Science & Technology, Vigyan Dham, Jhajra, Dehradun 248007 by post in an envelope superscribed with 'Name of Post' upto

16th February 2016 (05:00 PM)

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Ad hoc

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Ad hoc member, Representation Fund Management and Planning Authority
of the Agency before Hon'ble Supreme Court of India, by Order dated 5th May 2006 in
CA No.1337 with A Nos.827, 1122, 1218, 1342 etc.
of the date 07th of 1995. In Godavarian Thirumalpad Vs Union of India & Ors.

4th floor, Block No.3, CGO Complex, New Delhi - 110 003
Tel No. (011) 24368006. FAX No.(011) 24368007. E-mail : adhoc-campa-mef@nic.in

Dated the 4th July 2016.

For the Director,
National Council for Science & Technology,
Block No. 3, CGO Complex, New Delhi - 110 003.

Subject: UCoST assisted Projectal Centre of Excellence on Forest Based Livelihood in

UCoST No. No.11262/UCS&I/NO. COI/2015-16 on the subject

The project cost for the first year was Rs.45,25,150/- out of which 50%, viz., Rs.22,62,575/- was released to the UCoST on 10.12.2015. The expenditure upto 31.03.2016 has been Rs.12,19,695/-. The following is observed in this background.

- 1. The report regarding the physical and financial progress was required to be sent within 15 days from the end of the Quarter. This has, instead, been sent on 01.06.2016 and there has been a delay.
 - 2. The expenditure has been 46% in terms of the norms adopted by the Ad hoc CAMPA/UCoST. No increases are made when expenditure level reaches 70%.
 - 3. In the original sanctioning the initial amount as mentioned above, it was prescribed that a quarterly committee shall be constituted within one month. It has been mentioned in the report that correspondence was made with the concerned Departments/ resource persons for the progress and the work of the committee. The Technical Advisory Committee has not been constituted.
 - 4. The delay in the expenditure and assistance on disproportionate expenditure in a period of a little more than 3 months (from 10.12.2015 to 31.03.2016) covered by the present 'quarterly report' is not satisfactory.
 - 5. The 'staff cost' has already taken up Rs.1,80,218/- out of the amount of Rs.2.50 lakhs (provisioned in 2015-16). An additional amount of Rs.3,75,000.00 is being sought which will be in excess of the budgeted figure of Rs.5 lakhs. The expenditure on salary (Rs.89,189/- out of the provisioned amount of Rs.1,52,152/-) indicates that not all staff are in position. In case they are positioned the expenditure should have been even higher.
 - 6. The 'materials/ Consumables' (Rs.1,25,000/-), 'Contingencies' (Rs.2,00,000/-), 'Other' (Rs.1,54,000/-) and 'Misc' etc (Rs.1,54,000/- out of Rs.1,54,950/-) the budget has been exhausted.
- It is being brought to your notice that in terms of the decisions of the CAMPA, NCAC, and other concerned agencies, in this background, I am to request that a further review be conducted on the issues highlighted above.

For the Director,
Asstt Inspector General of Forests
Tel No 24368450





Subject: Fwd: Quarterly progress report...
To: K S Achar <adhoc-campa-mef@nic.in>

Date: 08/03/16 02:48 PM
From: aigf fc <aigfsection@gmail.com>

50

Complete file.pdf (14.2MB)

----- Forwarded message -----
From: UCOST <ucost@ucoslin>
Date: 3 August 2016 at 14:23
Subject: Quarterly progress report...
To: aigfsection@gmail.com

Kindly see the attachment

UCOST
Dehradun

1204/campa/16
3/08/16





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UTTARAKHAND STATE COUNCIL FOR SCIENCE & TECHNOLOGY

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद

Department of Science & Technology, Govt. of Uttarakhand | विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड शासन

Rajendra Dobhal
PhD; FAFESC; FNASC
Director General
Secretary
NASI, UK Chapter

राजेन्द्र डोभाल
पीएचडी, एफ ए एफ ई एस सी, एफ एन ए एस सी
महानिदेशक
सचिव
नासी, उत्तराखण्ड अध्याय

File No. 11545/UCS&T/MOEF-COE/2015-16

Dated: 02.08.2016

VIGYAN DHAM
Vigyan Sadan Block
Dehradun – 248 007
Uttarakhand, INDIA
(t) + 91-9412051556/57
(e) dg@ucost.in
ucost@ucost.in
(w) www.ucost.in

To,
Shri M.S. Negi
Inspector General of Forests (Forest Conservation)
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council
4th Floor, Block No. 3, CGO Complex,
New Delhi-110003

Subject: Centre of Excellence on Forest Based Livelihood in Uttarakhand.

Ref. No. 13-31/2015-CAMPA, Dated 4th July, 2016

Sir,

Utilization Certificate (UC), Statement of Expenditure (SOE) and Annual Report till 31st March 2016 of the project "Centre of Excellence on Forest Based Livelihood in Uttarakhand" sanctioned to Uttarakhand State Council of Science & Technology (UCOST), Dehradun vide Letter No. 13-31/2015-CAMPA, dated 10th Dec 2015 by MOEF &CC under CAMPA were sent to your office on 1st June, 2016, on which you have raised some queries. Kindly be noticed that a budget of Rs. 22,62,575.00/- for two quarters (July-Sept 2016 and Oct-Dec 2016) was already sanctioned (but not released) by your office. In the SOE of last financial year sent to you, we had requested you to release an extra amount of Rs 11,31,288.00/- (i.e. 22,62,575 + 11,31,288= Rs.33,93,863.00/-) in order to cover an extra quarter (Jan-March 2017) so that all expenses and their accounts may be maintained now onwards on financial year (1st April to 31st March of coming year) basis. Please find below the pointwise rebuttal to the queries raised by you:

- (1) The staff positions under project were advertised on 22nd January and the staff members joined by 18th March 2016. All activities of the project started after that. This was the reason for delay in sending the report.
- (2) A grant of Rs. 22,62,575.00/- was released for two quarters, out of which the expenditure in the first quarter was 46% and remaining amount worth Rs. 12,19,695.00/- with us was meant to meet second quarter (April-June 2016) expenditure, out of which Rs. 6,24,849.00/- has been utilized. Now the expenditure for the two quarters reaches Rs. 16,67,729.00/- i.e. 73.7% of the total released grant. Hence, the next grant may be released.

(GFCFC)
AIGF (RP)

16/8

080 11/11/16

to AIGF (CO)
No. ...
Date: ...



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(3) For constituting Project Advisory Committee (PAC), request letters had been sent on 6th April, 2016 to the heads of Forest Research Institute (FRI), Uttarakhand Forest Department (FD) and Forest & Rural Development Commissionerate (FRDC) for the nomination of experts. Consent letters from FRI and FD were received but no reply was obtained from FRDC after repeated follow-ups. Hence, as approved by competent authority, Shri Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre (HARC), Dehradun was included in PAC as an expert in place of nominee from Rural Development Department. The first meeting of PAC was held on 1st August, 2016.

(4) (a) Expenditure on salary incurred only after joining of the project staff (i.e. 18th - 31st March 2016) hence the expenses in this head were small. About travel budget, as already stated above, in order to cover an extra quarter (Jan-March 2017, worth Rs. 1,25,000.00/-) besides two quarters i.e. July-Sept 2016 and Oct-Dec 2016 (for which budget worth 2,50,000/- was already sanctioned), an amount of 2,50,000.00+ 1,25,000.00= 3,75,000.00/- was requested to be released. Due to difficult terrain, travel in Uttarakhand unlike other States, is expensive. An extra budget under 'Travel' head may be requested in future.

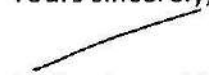
(b) The budget was exhausted on items like expendables, contingencies and other project costs in the first 3 months in order to make necessary arrangements before joining of staff members. This included advertisements, expert meetings, review meetings and arranging basic amenities apart from infrastructural facilities already been provided by UCOST.

We are aware that no foreign travel may be made under travel grant of this project.

Hope your queries are satisfied and requested budget will be released soon.

Thanking You,

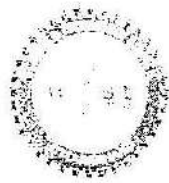
Yours sincerely,


(Rajendra Dobhal)
Director General

Copy to: Shri Nisheeth Saxena, Asstt. Inspector General of Forests in reference to letter No. 13-31/2015-CAMPA, Dated 4th July, 2016 for information.


Director General





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UTTARAKHAND STATE COUNCIL FOR SCIENCE & TECHNOLOGY

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद

Uttarakhand State Council for Science & Technology, Dehradun, Uttarakhand. विज्ञान एवं प्रौद्योगिकी परिषद, उत्तराखण्ड शासन

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद
पता: 4^थ मंजूर, ब्लॉक नं. 3, सीजीओ कॉम्प्लेक्स,
नई दिल्ली-110003

संस्थापक अध्यक्ष
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संस्थापक अध्यक्ष
संस्थापक अध्यक्ष
संस्थापक अध्यक्ष

File No. UCS&T/MOEF-COE/2015-16
Dated: 02.08.2016

संस्थापक अध्यक्ष
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संस्थापक अध्यक्ष
संस्थापक अध्यक्ष
संस्थापक अध्यक्ष

To,
Shri M.S. Negi
Inspector General of Forests (Forest Conservation)
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council
4th Floor, Block No. 3, CGO Complex,
New Delhi-110003

Subject: Submission of Quarterly Report (1st April to 30th June) of the Project
"Centre of Excellence on Forest Based Livelihood in Uttarakhand".

Ref. No. 13-31/2015-CAMPA

Sir,
Please find attached Quarterly Report of the project "Centre of Excellence on Forest Based Livelihood in Uttarakhand" from 1st April to 30th June 2016, sanctioned to Uttarakhand State Council for Science & Technology (UCOST), Dehradun vide Letter No. 13-31/2015-CAMPA, dated 10th Dec 2015 by MOEF & CC under CAMPA.

It is requested to kindly release the funds worth Rs. 33,93,863/- (Thirty three lakh ninety three thousand eight hundred and sixty three only) as requested to you earlier vide letter no. 11262/UCS&T/MOEF-COE/2015-16, dated 1st June 2016 to meet the expenses of the project till 31st March 2017.

Thanking You,

Yours sincerely,

(Rajendra Dobhal)
Director General

QUATERLY PROGRESS OF THE PROJECT (April 1st, 2016 to June 30th, 2016)

- 1 Title of the project : Centre of Excellence on Forest Based Livelihood in Uttarakhand- A Pilot Study
- 2 Name and address of Principal Investigator- Dr. Rajendra Dobhal
Director General,
Uttarakhand State Council For Science & Technology,
Vigyan Dham, Bhajhra, Via- Premnagar,
Dehradun-248007
(Uttarakhand)
- 3 Number and date of Sanction letter- No.13-31/2015-CAMPA
10/12/2015
- 4 Duration of the Project Five Years
- 5 Total outlay of the Project Rs. 45,25,150.00 (Budget for one year)
Rs. 22,62,575.00 (Released amount)
- 6 Date of start of Project 10/12/2015

7 Fused vis- a -vis utilized (cumulative)

	Receipt	Expenditure in 1 st quarter	Expenditure in 2 nd quarter	Remaining Balance
1. Salaries	9,88,152.00	89,189.00	4,63,243.00	4,35,720.00
2. Permanent Equipment Purchased (item-wise)	NIL	NIL	NIL	NIL
3. Consumables/ Expendables	1,25,000.00	1,25,000.00	NIL	NIL
4. Travels	2,50,000.00	1,80,218.00	72,438.00	-2656
5. Contingencies	2,00,000.00	2,00,000.00	6,800.00	-6800.00
6. Other Project Costs, If any (please specify), Honorarium + Miscellaneous	1,54,950.00	1,54,000.00	NIL	950.00
7. Dissemination of Research Work	2,50,000.00	NIL	*82,368.00.00	1,67,632.00
8. Institutional charges	2,94,473.00	2,94,473.00	NIL	NIL
Total	22,62,575.00	10,42,880.00	6,24,849.00	5,94,846.00

*Committed Rs. 57,763.00 (Dissemination of Research Work)

8 (i) Objective of the project

- a) To collect all the available data on forest based produce with focus on non-timber products like medicinal plants and bamboo and to create a clearing house for the same.
- b) To interact with people through Focused Group Discussion (FGD) and to estimate their dependence on forests for their livelihood.
- c) To do value and supply chain analysis for different forest products.
- d) To create a resource directory of various government and non-government organisations, private institutes and experts working in the area of forest livelihood.

- e) To conduct socio-economic analysis and estimate cultural dependence of the forest fringe villages on forestry.

(ii) **Objectives undertaken during the second quarter**

- a) Formation of Project Advisory Committee (PAC)
- b) To develop webpage of Centre of Excellence under ncost.in website
- c) To bring out brochure for Centre of Excellence.

9 **Progress during the period under review as well as overall**

- a) Project Advisory Committee (PAC) under the Chairmanship of the Dr. Rajendra Dobhai (Director General, Uttarakhand State Council for Science & Technology) was formed which constitute the following members-

- 1) Shri S.T.S. Lepcha, PCCF & MD Uttarakhand Forest Development Corporation (expert member)
- 2) Dr. B. P. Janta, Scientist- E, Non Wood Forest Product Division, Forest Research Institute, Dehradun (expert member)
- 3) Shri Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre (expert member)

Dr. Ram Prasad, Ex PCCF, MP is the mentor of *Centre of Excellence on Forest Based Livelihood in Uttarakhand*.

(Copy of notesheet in Annexure I)

- b) Webpage for Centre of Excellence on Forest Based Livelihood was developed (<http://www.ncost.in/works/coe-moef.html>).
- c) Brochure for Centre of Excellence is under printing.
- d) Six meetings were held with experts (Annexure II)
- e) Directory of resource persons in the area of forest livelihood is under preparation (Annexure III)

10 **Methodology followed**

- a) Request letters were sent to the Head of Institutions to nominate experts' representatives for members of Project Advisory Committee which was formulated after receiving their nomination letters.
- b) A webpage was constructed under name "Centre of Excellence" at council website.
- c) Relevant information collected to prepare brochure. Brochure got designed and sent for printing.
- d) Compilation of contact information of various government and non-government organisations, private institutes and experts working in the area of forest livelihood in Uttarakhand is under progress in order to prepare resource directory.

- e) Meeting with resource persons.
On 12th May 2016 Centre of Excellence team visited State Medicinal Plant Board (SMPB), Uttarakhand Bamboo and Fibre Development Board (UBFDB), Uttarakhand Science and Education Research Centre (USERC) and collected their published material and research papers. (Annexure IV).

- f) Online search for research papers and literature on forest based livelihood was done.

11 Targets and achievements (physical)

- a) Project Advisory Committee (PAC) was formed under the Chairmanship of the Dr. Rajendra Dohhal (Director General, Uttarakhand State Council For Science & Technology) with representatives of Uttarakhand Forest Department, Shri S.T.S. Lepcha (PCCF & M. D. Uttarakhand Forest Development Corporation), Shri Mahendra Singh Kumar (Secretary, Himalayan Action Research Centre) and Dr. B. P. Tamta (Scientist- E, Non Wood Forest Product Division, Forest Research Institute, Dehradun) as expert members.

- b) Web page for Centre of Excellence was prepared

- c) Brochure for Centre of Excellence being designed.

- d) Meetings were held with experts-

On 18th April 2016 meeting was held at the Centre of Excellence (COE) on Forest Based Livelihood in Uttarakhand with Dr. P. S. Bhatta, Scientific Officer (MPCOST), Bhopal to discuss about field survey and questionnaire related to project.

- e) On 29th April 2016 a Departmental Advisory Committee Meeting was held at the Centre of Excellence (COE) on Forest Based Livelihood in Uttarakhand with Joint Director, (COSI), Dr. B. P. Purohit. It was suggested in the meeting that information should be gathered in three tier i.e. village level, trader level, government department and corporation level. It was decided that site selection will be done as per discussion with PAC members.

- f) On 7th May 2016 review meeting of Centre of Excellence on Forest Based Livelihood in Uttarakhand was held at Director General Office, (COSI). Director General advised to cover all aspects of forest based livelihood in this study. It was suggested to keep account of various nurseries which provide planting material to villagers and forest departments and to visit State Medicinal Plant Board (SMPB) and Uttarakhand Bamboo and Fibre Development Board (UBFDB).

- g) On 9th May 2016 meeting was held at the Centre of Excellence (COE) on Forest Based Livelihood in Uttarakhand with Dr. V. P. Bhatt, Scientist, HRDI Gopeshwar. He suggested to visit JICA, ICFRE, INHERF, AAROH, Forest corporation etc. which are working on forest based livelihood.

- h) On 6th June 2016 meeting was held at the Centre of Excellence (COE) on Forest Based Livelihood in Uttarakhand with Dr. V. P. Bhatt, Scientist, HRDI Gopeshwar. He suggested sites in Pithoragarh district for survey. He shared some data on *Coniopsis sinensis* and rare list of medicinal plants promoted by Herbal Research and Development Institute.

i) On 12th May 2016 Centre of Excellence team visited State Medicinal Plant Board (SMPB), Uttarakhand Bamboo and Fibre Development Board (UBFDB) and Uttarakhand Science and Education Research Centre (USERC). Mr. Mahendra Singh Gusain, (Horticulture Inspector, SMPB) discussed about their role in collection and cultivation of medicinal plants. He also discussed the role of Herbal Research and Development Institute (HRDI) and Centre for aromatic plants (CAP) which comes under SMPB.

Mr. Dinesh Joshi (Manager Livelihood, UBFDB) explained the role of the board and the work that has been done by them so far. He shared information on bamboo, fibres, ringal (dwarf bamboo)

Dr. Manju Sundriyal shared her work on bamboo and gave some information regarding the dependency of people of Uttarakhand on bamboo.

j) National Workshop on "Agro Technology and Profit Enhancing Marketing Strategy for Medicinal Plants" was held on 2nd June 2016 at Doon University which was attended by Dr. Ajeet Kaur and Seema Maikhuri.

k) On 10th June 2016 afternoon Dr. Ajeet kaur (Sr. Scientist, COE) and Mr. Siddharth Napalchyal (Scientist, COE) visited Sh. S.T.S Lepcha (MLD, Uttarakhand Forest Development Corporation). He shared the contact information of some of the resource person for forest based livelihood information and suggested to study Chapters on Non timber forest products (NTFPs) in thirty two forest working plans of Uttarakhand which are available at Haldwani office of Forest Department.

l) Resource directory preparation for Centre of Excellence is under process. Resource directory will provide detailed information about name, address, website, Email id and contact number of various government and non-government organisations, private institutes and experts working in the area of forest livelihood.

12 Programme of work for the next quarter on part thereof

a) Brochure of Centre of Excellence on Forest Based Livelihood to be printed for disseminating information regarding the purpose and services of COE.

b) Secondary data and literature collection from various sources.

c) Meetings with resource persons and experts.

d) Identification of villages and sites for primary data collection and Focussed Group Discussion (FGD)

e) To prepare different schedules of enquiry for surveys to be conducted at villages, NGOs, central and state government institutions which are working on forestry, medicinal plants and forest based livelihood.

13 Publication, if any, based on the work done under the project

NA

14 Any other relevant information

NA



टीपें एवं आज्ञायें (क्रमशः)

Date: 22nd June, 2016


Sub: Project Advisory Committee- constitution reg.


For constituting Project Advisory Committee (PAC) under chairmanship of DG, UCCSI, Re: MOEF funded project 'Centre of Excellence (COE) on Forest based livelihood in Uttarakhand', request letters had been sent to the heads of Forest Research Institute (FRI), Uttarakhand Forest Department (FD) and Forest & Rural Development Commissionerate (FRDC) for the nomination of experts. Consent letters from FRI and FD were received but no reply was obtained from FRDC after repeated follow-ups. As approved by competent authority, Shri Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre (HARC), Dehradun has been included in PAC as an expert in place of nominee from Rural Development Department. PAC now constitutes following members:



1. Dr. Rajendra Dobhal, DG, UCCSI, as Chairman
2. Shri S.L.S. Lepcha, PCCF and MD Uttarakhand Forest Development Corporation, as an Expert Member
3. Dr. B.P. Tanta, Scientist-E, Non-Wood Forest Products Division, Forest Research Institute, as an Expert Member
4. Shri Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre as an Expert Member

Dr. Ranprasad, Ex. PCCF, MP will be the Mentor of this project.


Kindly approve the same.


(Siddharth Napaichaya)
Scientist
Centre of Excellence


(Dr. Ajeet Kaur)
Senior Scientist
Centre of Excellence


S.S.P.

22/06/2016

 J.D. - May kindly approve.

 D.P.
22/06/2016
22/06/2016

(5)

**Meeting of Centre of Excellence on Forest Based Livelihood In
Uttarakhand with Dr. V.P Bhatt, Scientist, Herbal Research and
Development Institute, Gopeshwar**

Venue : COE, UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 06.06.2016

Time : 03.00 P.M.

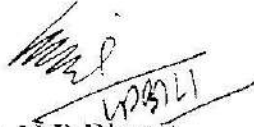
Minutes of the Meeting of Centre of Excellence on Forest Based Livelihood in Uttarakhand with Dr. V.P Bhatt, Scientist, Herbal Research and Development Institute, Gopeshwar.

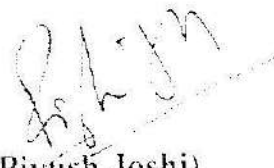
The meeting was attended by the following officials:

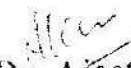
- 1) Dr. V.P Bhatt, Scientist, HRDI, Gopeshwar, Uttarakhand.
- 2) Dr. Piyush Joshi, Sr. Scientific officer, UCOST, Dehradun.
- 3) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
- 4) Mr. Siddharth Napalchyal, Scientist, COE, UCOST, Dehradun.
- 5) Ms. Seema Maikhuri, JRF, COE, UCOST, Dehradun.
- 6) Mrs. Kanchan Dobhal, JRF, COE, UCOST, Dehradun.


Following decisions were taken during the meeting:

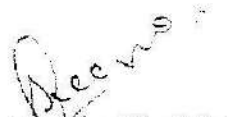
- 1) He suggested the name of few sites in Pithoragarh like Milam, Laspa and Ralam in Malla Johar valley, Sipu, Sela and Baun in Darma valley and Kuti, Gunji and Budi in Byash valley for survey.
- 2) He enlisted various medicinal plants which are either cultivated or collected from wild in the above mentioned villages.
- 3) He shared few data on *Cordyceps sinensis* and rate list of medicinal plants promoted by Herbal Research and Development Institute.
- 4) He very well explained the role of culture in conservation of forest.
- 5) He also suggested some forest fringe villages in Garhwal region, for survey regarding forest based livelihood.



(Dr. V.P Bhatt)
Scientist, HRDI,
Gopeshwar, Uttarakhand.


(Dr. Piyush Joshi)
Sr. Scientific officer,
UCOST, Dehradun.


(Dr. Ajeet Kaur)
Sr. Scientist, COE,
UCOST, Dehradun


(Mr. Siddharth Napalchyal)
Scientist, COE, UCOST,
Dehradun


(Ms. Seema Maikhuri)
JRF, COE, UCOST,
Dehradun


(Mrs. Kanchan Dobhal)
JRF, COE, UCOST,
Dehradun

(6)

**Meeting of Centre of Excellence on Forest Based Livelihood In
Uttarakhand with Dr. V.P Bhatt, Scientist, Herbal Research and
Development Institute, Gopeshwar**

Venue : UCOST, Vigyan Dham, Jhujra, Dehradun, Uttarakhand.

Date : 09.05.2016

Time : 03.00 P.M.

Minutes of the Meeting of Centre of Excellence on Forest Based Livelihood in Uttarakhand with Dr. V.P Bhatt, Scientist, Herbal Research and Development Institute, Gopeshwar.


The meeting was attended by the following officials:

- 1) Dr. V.P Bhatt, Scientist, HRDI, Gopeshwar, Uttarakhand.
- 2) Dr. Piyush Joshi, Sr. Scientific officer, UCOST, Dehradun.
- 3) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
- 4) Mr. Siddhanta Napalchyal, Scientist, COE, UCOST, Dehradun.
- 5) Ms. Seema Maikhuri, JRF, CoE, UCOST, Dehradun.

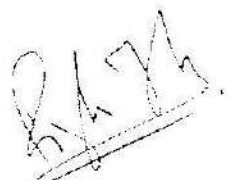
Following decisions were taken during the meeting:

- 1) Tribal community specific to the region may be consulted to collect information on forest based livelihood.
- 2) He suggested to visit various organizations like JICA, ICFRE, INHERE, AAROH, Forest Corporation etc. which are working on forest livelihood for collecting information.
- 3) Some medicinal plants such as Guchhi, Keeda jadi, Atis, Satua etc. were enlisted by him to be in high demand.
- 4) Role of conservation, development and harvesting (CDH) plan was explained in detail.
- 5) He enlisted Bhesaj sangh, KMVN, GMVN as three agencies responsible for collecting forest Non Timber Forest Produce (NTFP), the marketing of which is regulated by Forest Development Corporation.

- 6) He shared the contact information of some of the resource person for forest based livelihood information.
- 7) Some species like Atis is completely banned to be harvested from forests. So, these are cultivated in the fields by farmers and their clearance is done by Bhesaj development unit.
- 8) He agreed to share livelihood related data on *cordyceps sinensis*.
- 9) He discussed in short the process followed by forest department regarding harvest of NTFP. He told that every year, area is defined for collecting particular species.




(Dr. V.P Bhatt)
Scientist, HRDI,
Gopeshwar, Uttarakhand.



(Dr. Piyush Joshi)
Sr. Scientific officer,
UCOST, Dehradun.



(Dr. Ajeet Kaur)
Sr. Scientist, COE,
UCOST, Dehradun



(Mr. Siddharth Nepalchyal)
Scientist, COE, UCOST,
Dehradun



(Ms. Seema Maikhuri)
JRF, COE, UCOST,
Dehradun

**Review Meeting of Centre of Excellence on Forest Based Livelihood
In Uttarakhand with Director General, UCOST**

Venue : D.G Office, UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 07.05.2016

Time : 11.00 A.M.

Minutes of the Review Meeting of Centre of Excellence on Forest Based Livelihood in Uttarakhand with Director General, UCOST.


The meeting was attended by the following officials:

- 1) Dr. Rajendra Dobhal, Director General, UCOST, Dehradun.
- 2) Dr. B.P. Purohit, Joint Director, UCOST, Dehradun.
- 3) Dr. D.P. Uniyal, Sr. Scientific Officer, UCOST, Dehradun.
- 4) Dr. Piyush Joshi, Sr. Scientific officer, UCOST, Dehradun.
- 5) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
- 6) Mr. Siddharth Napalchyal, Scientist, COE, UCOST, Dehradun.
- 7) Ms. Seema Maikhuri, JRF, CoE, UCOST, Dehradun.
- 8) Mrs. Kanchan Dobhal, JRF, CoE, UCOST, Dehradun.


Following decisions were taken during the meeting:

- 1) Dr. Dobhal nicely and elaborately explained different geographical zones of Uttarakhand i.e. alpine, sub-alpine, temperate and subtropical.
- 2) The Director General advised to first categorize the districts of Uttarakhand among three zones i.e. High hills (Sub-alpine), Mid hills (Temperate) and Foot hills (Sub-tropical) and then plan the survey for primary data collection covering all three zones.
- 3) He emphasized that all aspects of forest livelihood should be covered in the study. All sources of forest livelihood for example food, fodder, fuelwood and water besides medicinal plant and bamboo should be accounted for.
- 4) He suggested to adopt Question Schedule rather than Questionnaire for primary data collection.
- 5) Dr. Purohit suggested to keep an account of various nurseries which provide planting material to the villagers/forest department.


- 6) It was suggested to visit GB Pant Institute and NGO Seva Nidhi at Almora to collect information related to forest based livelihood.
- 7) Dr. Piyush Joshi suggested to visit potential local government and non government organizations followed by nearby places such as Haridwar for forest based livelihood information and data collection before heading for primary data collection survey.
- 8) It was proposed by Dr. Ajeet Kaur to visit State Medicinal Plant Board and Uttarakhand Bamboo and Fiber Development Board in the coming week to gather information on livelihood through bamboo and medicinal plants.




(Dr. Rajendra Dobhal)
Director General,
UCOST, Dehradun.



(Dr. B.P. Purohit)
Joint Director,
UCOST, Dehradun.




(Dr. D.P. Uniyal)
Sr. Scientific Officer,
UCOST, Dehradun




(Dr. Piyush Joshi)
Sr. Scientific officer,
UCOST, Dehradun.




(Dr. Ajeet Kaur)
Sr. Scientist, COE,
UCOST, Dehradun



(Mr. Siddharth Napalchyal)
Scientist, COE, UCOST,
Dehradun



(Ms. Seema Maikhuri)
JRF, CoE, UCOST,
Dehradun



(Mrs. Kanchan Dobhal)
JRF, CoE, UCOST,
Dehradun

Meeting of the Departmental Advisory Committee of Centre of Excellence on Forest Based Livelihood In Uttarakhand

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 29.04.2016

Time : 03.00 P.M.

Minutes of the Departmental Advisory Committee Meeting of Centre of Excellence on Forest Based Livelihood in Uttarakhand

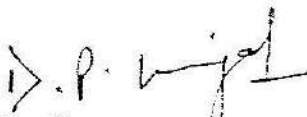
The meeting was attended by the following officials:


- 1) Dr. B.P. Purohit, Joint Director, UCOST, Dehradun.
- 2) Dr. D.P. Uniyal, Sr. Scientific Officer, UCOST, Dehradun.
- 3) Dr. Kirti Joshi, Sr. Scientific Officer, UCOST, Dehradun.
- 4) Dr. Piyush Joshi, Sr. Scientific officer, UCOST, Dehradun.
- 5) Dr. Ajeet Kaur, Sr. Scientist, COF, UCOST, Dehradun.
- 6) Mr. Siddharth Napalchyal, Scientist, COE, UCOST, Dehradun.
- 7) Ms. Seema Maikhuri, JRF, CoE, UCOST, Dehradun.
- 8) Mrs. Kanchan Dobhal, JRF, CoE, UCOST, Dehradun.


Following decisions were taken during the meeting:


- 1) Separate questionnaire may be prepared for villagers and traders for socio economic survey. Questionnaire should be customized for institutes/ organizations.
- 2) As far as possible questions should be of objective type.
- 3) Reminders may be sent to the organizations to nominate experts for project advisory committee constitution.
- 4) Information at three tiers (village level, trader level and at government department and corporation level) may be collected and compared.
- 5) Questionnaire may be discussed with the DG, UCOST for his valuable inputs.
- 6) Vaidis (Local Ayurvedic practitioners) may be an important source of information regarding medicinal plants based livelihood.

- 7) Sites selection for socio economic survey may be done as per discussion and suggestion of PAC members. Questionnaires also be got approved by PAC members.
- 8) Uttarakhand Bamboo and Fiber Development Board may be an important resource for estimating bamboo based livelihood in Uttarakhand.
- 9) Priority List of Medicinal Plants to be prepared from the list of State Medicinal Plant Board.
- 10) Uttarakhand Biodiversity Board and State Medicinal Plant Board may be other important resource centres to collect information pertaining to forest based livelihood.
- 11) Information regarding saw machines and pine briquette making units may give an insight into forest based livelihood.
- 12) Progress report of the project along with utilization certificate for the first quarter (January 2016- March 2016) is to be prepared and submitted.


(Dr. D.P. Uniyal)
Sr. Scientific Officer,
UCOST, Dehradun



(Dr. Kirti Joshi)
SR. Scientific Officer,
UCOST, Dehradun.



(Dr. B.P. Purohit)
Joint Director,
UCOST, Dehradun.


(Mr. Siddharth
Napalchyal)
Scientist, COE, UCOST,
Dehradun


(Ms. Seema Maikhuri)
JRF, CoE, UCOST,
Dehradun


(Mrs. Kanchan Dobhal)
JRF, CoE, UCOST,
Dehradun


(Dr. Pritish Joshi)
Sr. Scientific officer,
UCOST, Dehradun.


(Dr. Ajeer Kaur)
Sr. Scientist, COE,
UCOST, Dehradun

Meeting for Centre of Excellence on Forest Based Livelihoods In
Uttarakhand

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 18.04.2016

Time : 03.00 P.M.

**Minutes of the meeting for centre of excellence on forest based
livelihood in Uttarakhand**

The meeting was attended by the following officials:


- 1) Dr. P.S Bhalla, Scientific Officer, MPCOST, Bhopal.
- 2) Dr. B.P. Parohit, Joint Director, UCOST, Dehradun.
- 3) Dr. D.P. Uniyal, Sr. Scientific Officer, UCOST, Dehradun.
- 4) Dr. Ashutosh Mishra Scientific Officer, UCOST, Dehradun.
- 5) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
- 6) Mr. Siddharth Napaichyal, Scientist, COE, UCOST, Dehradun.
- 7) Mrs. Kanchan Dobhal, JRF, CoE, UCOST, Dehradun.
- 8) Ms. Seema Maikhuri, JRF, CoE, UCOST, Dehradun.


Following decisions were taken during the meeting:


- 1) Field survey may be conducted to get direct information from the local community regarding forest based livelihood.
- 2) Questionnaire for field survey should be prepared well in advance.
- 3) Information regarding time and quantity of forest produce collected by local people should be gathered.
- 4) Gather information from various government and non- government organization regarding medicinal plants and bamboo.
- 5) Information regarding any conservation programme running in their village should be collected.

Meeting ended with vote of thanks.


(Dr. P.S. Bhalla)
Scientific Officer,
MPCOST, Bhopal


(Dr. D.P. Uniyal)
Sr. Scientific Officer,
UCOST, Dehradun


(Dr. B.P. Purohit)
Joint Director,
UCOST, Dehradun


(Mr. Siddharth Napalchyal)
Scientist, COE, UCOST,
Dehradun


(Ms. Seema Maikhuri)
JRF, CoE, UCOST,
Dehradun


(Mrs. Kanchan Dobhal)
JRF, CoE, UCOST,
Dehradun


(Dr. Ashutosh Mishra)
Scientific Officer,
UCOST, Dehradun


(Dr. Ajeet Kaur)
Sr. Scientist, COE,
UCOST, Dehradun

**"CENTRE OF EXCELLENCE ON FOREST BASED LIVELIHOOD IN
UTTARAKHAND – A PILOT STUDY"**

(MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE)

Ministry of Environment, Forests and Climate Change

S. No.	Name	Address	Phone Number	Email/ Website
1	Shri Anil Madhav Dave, Honourable Minister, MoEF	Ministry of Environment, Forests and Climate Change, Government of India, 6 Kushak Road, New Delhi Pincode-110005	+91-11-24695136 +91-11-24695132 +91-11-24695127 +91-11-24695329 (F)	www.moef.nic.in
2	Ashok Kumar Patheshwary, PS to MoS (EF & CC)	Ministry of Environment, Forest and Climate Change, Government of India, 6 Kushak Road, New Delhi Pincode-110005	+91-11-24695136 +91-11-24695132 +91-11-24695127 +91-11-24695329 (F)	ak.patheshwary@gov.in
3	Dr. Sharad Singh Negi, Director General (F-C) (MoEF)	Forest Conservation, Ministry of Environment, Forest and Climate Change, 5th Floor, Jal Block, Indira Paryavaran Bhawan, Jorbagh Road, New Delhi, Pincode-110003	+91-11-24695282 +91-11-24695278	sharad.negi@nic.in gdfindia@nic.in www.moef.nic.in



Central Government Scientific Institutes in Uttarakhand

1	Dr. Paramjit Singh Director, BSI	Head Quarter, Botanical Survey of India CGO Complex, 3rd MSO Building, Block I(5th & 6th floor), DF Block, Sector I, Salt lake City, Kolkata Pincode-700064	+91-33-23344963 +91-33-23344963 +91-33-23214050	www.bsi.gov.in
	Dr. S. K. Srivastava, Scientist In charge, BSI	Botanical Survey of India, Northern Regional Centre 192, Kaulagarh PO-KDMIPE, Dehradun, Pincode-248195	+91-135-2755433 +91-135-2755478	bsinc2001@rediffmail.com www.bsi.gov.in http://11164.10052.1117 Circle/NorthernCircle. htm
2	Dr. Saibal Dasgupta (IFS), Director General, ESI	Forest Survey of India, Kaulagarh Road, PO - IPE, Dehradun, Pincode-248195	+91-135-2756139 +91-135-2752902 +91-135-2759104 (F)	dgfsi@fsi.nic.in saibaldasgupta@hotmail.com
	Mukul Trivedi, Joint Director (NFDMC) ESI	Forest Survey of India, Kaulagarh Road, PO - IPE, Dehradun, Pincode-248195	+91-135-2755037 +91-135-2755037 (F)	jdnfdme@fsi.nic.in muk_tri@rediffmail.com
3	Dr. P. C. Das, Scientist-D & Officer Incharge, ZSI	Northern Regional Centre, Zoological Survey of India 218, Kaulagarh Road, Dehradun, Pincode-248195	+91-135-2756349 +91-135-2758362	nrc@zsi.gov.in www.zsi.gov.in

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4	Dr. Swarna Subba Rao, Surveyor General of India SOI	Map Archive & Dissemination Centre, Survey of India Address Post Box No. 57, Hathibarkala Estate, New Canal Road, Dehradun, Pincod -248001	+91-135-2747051 +91-135-2747058 +91-135-2744064	mriw.made.soi@gov.in n ss.rao.soi@gov.in sgl.soi@gov.in sgo.soi@gov.in sgo@sancharnet.in www.surveyofindia.gov.in
	Shri R. M. Tripathi, Additional Surveyor General of India. SOI	Specialized Zone, Survey of India Block 6, Hathibarkala Estate Dehradun Pincod - 248001	+91-9477345235 +91-1352741428 +91-135-2742826	zone.spl.soi@gov.in rm.tripathi.soi@gov.in
5	Prof. Anil K. Tripathi, Director CIMAP	Head Office: CSIR-Central Institute of Medicinal & Aromatic Plants P.O-CIMAP, Near Kukraji Picnic Spot Lucknow, Pincod-226015	+91-522-2718505 +91-522-2718503	director@cimap.res.in
	Rajendra Chandra Padalia, Senior Scientist & Nodal, CIMAP	Field Station,CIMAP Purara, P. O.- Gagari Gole, Bageshwar, Pincod-263688	+91-5963-250129 +91-9917472497	re.padalia@cimap.res.in crepurara@cimap.res.in crepurara.sancharnet.in www.cimap.res.in

	Dr. Desh Beer Singh, Director, (CIHH)	Head Office: Central Institute of Temperate Horticulture, Rangreth, Srinagar, Kashmir Pincode-190007	+91-1942305044 +91-9858776364 +91-1942305045 (F)	direithsgr@icar.org.in www.cith.org.in
	Dr. B. L. Atri Principal Scientist, CIHH	Regional Office: Central Institute of Temperate Horticulture, Mukteshwar, Nainital, Uttarakhand Pincode-263138	+91-5942-286027 +91-5942-286027 (F)	cith_rs@yahoo.com cith@nic.in cith@hub.nic.in www.cith.ernet.in
7	Dr. Savita (IFS) Director, FRI	Forest Research Institute P.O. New Forest Dehradun, Pincode-248006	+91-135-2755275 +91-135-2756865	dfri@icfre.org www.fri.icfre.gov.in
8	Dr. Shashi Kumar (IFS), Director, IGNFA	Indira Gandhi National Forest Academy, P.O. New Forest Dehradun, Pincode-248006	+91-135-2757316 +91-135-2757314 (F)	director@ignfa.gov.in director@mail.ignfa.gov.in www.ignfa.gov.in
9	Dr. Alok Saxena (IFS), Additional Director, IGNFA	Indira Gandhi National Forest Academy, P.O. New Forest Dehradun, Pincode-248006	+91-135-2757316	aloksaxena@ignfa.gov.in www.ignfa.gov.in

Scientific Institutes in Uttarakhand (Uttarakhand)

1	PCCF, Uttarakhand Principal Chief Conservator of Forests, Department of Environment and Forests, Government of Uttarakhand Dehradun, Pincode-248001	+91-135-2746934, +91-135-2741462 (F) +91-9412051550	itgc-forest-uk@nic.in pccf-uknic.in pccf_uta@yahoo.com
2	Shri Harish Dhami Chairman UFDC Uttarakhand Forest Development Corporation Aranya Vikas Bhawan , 73 , Nehru Road , Dehradun Pincode-248001	+91-135-2714311 +91-135-2714311(F)	vanvikas12@gmail.co m www.uafdc.in
	Shri S. F. S. Lepcha Managing Director, UFDC Uttarakhand Forest Development Corporation Aranya Vikas Bhawan , 73 , Nehru Road , Dehradun Pincode-248001	0135-2657610 0135-2655488 (F)	uafdemd@yahoo.com vanvikas12@gmail.co m www.uafdc.in
	Shri Jagdish Prasad PS to MD UFDC Uttarakhand Forest Development Corporation Aranya Vikas Bhawan , 73 , Nehru Road , Dehradun Pincode-248001	+91-9458111548 +91-9568003203	vanvikas12@gmail.co m www.uafdc.in
3	Mr. N. V. Singh, IFS, Director UFLA Uttarakhand Forestry Training Academy Rampur Road, Haldwani Nainital, Pincode-263139	+91-5946-234091 +91-5946-234310	www.ufla.org.in ufla@ufla.org.in

Dr. Rakesh Shah,
Chairman
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Mr. G. S. Pande,
Member Secretary,
UBB
Uttarakhand Biodiversity
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108, Phase-II
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Shri Vinod
Singhal,
Member Secretary
UEPPCB,
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Protection and Pollution
Control Board,
29/20, Nemi Road,
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Shri Chandan
Singh,
Environment
Officer
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Shri Anand
Vardhan
IAS
Chief Project
Director WMD
&CEO SI NA
IWMP
Integrated Watershed
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	Mr. D. J. K. Shanna, Additional Director Planning WMD (IFS)	Integrated Watershed Management Programme, Watershed Management Directorate, Indira Nagar, Forest colony, Vasant Vihar, Dehradun, Pincode-248006	+91-135-2760170 +91-135-2764244	wmd-ua@nic.in www.wmduk.gov.in
7	Chairperson, Chief Minister Uttarakhand CAMPA	Uttarakhand Compensatory Afforestation Fund Management and Planning Authority (CAMPAA), 05- Panchsheel Park, Dehradun Pincode- 248001	+91-135-2761077 +91-135-2761077 (F)	ceoukcampa@gmail.com www.ukcampa.org.in
8	Mr. Pradeep Sati, Marketing Manager UBFDB	Uttarakhand Bamboo & Fibre Development Board, Indira Nagar, Forest Colony Dehradun Pincode-248006	+91-135-2760897 +91-135-2761155 (F)	uabamboo@gmail.com www.ubfdb.org
	Mr. Dinesh Joshi Manager Livelihood, UBFDB	Uttarakhand Bamboo & Fibre Development Board, Indira Nagar, Forest Colony Dehradun Pincode-248006	+91-135-2760897 +91-135-2761155 +91-9410134745	joshiddun@gmail.com uabamboo@gmail.com www.ubfdb.org
9	Shri T. S. Panwar Chief Executive Officer, SMPB	State Medicinal Plant Board, 94, Vasant Vihar, Phase-II Dehradun Pincode-248006	+91-135-2769918	ceosmpbuk@gmail.com undpgefuk@gmail.com www.smpbuk.org

Mr. M. S. Gusain, State Medicinal Plant Horticulture Board, 94, Vasant Vihar, Phase-II Dehradun
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10 Dr. B. S. Negi Herbal Research and Development Institute, HRDI Mandal, Gopeshwar District- Chamoli
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11 Dr. Nirpendra K. Chauhan, Scientist In charge, CAP Centre for Aromatic Plants (CAP), Industrial Estate, Selaqui, Dehradun
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REPORT

10 June 2016

- 1) On 10th June 2016 afternoon Dr. Ajeet Kaur (Sr. Scientist, COI) and Mr. Siddharth Napalchyal (Scientist, COI) visited Sh. S.S. Lepcha (M.D., Uttarakhand Forest Development Corporation).
- 2) He shared the contact information of some of the resource person for forest based livelihood information:
 - 1) Sanjay Bhatnagar from GTZ - ph no: 9412998447
 - 2) Dr. G.S. Getaya DDG, ICTRI's ph no: 9418025036, 0135-275775
 - 3) Sh. A.R. Sinha, PCCF working plan, Haridwar, ph no: 9412086310
- a) Uttarakhand Forest Statistics 2013-14, a publication of forest department of Uttarakhand was kindly provided by him.
- b) He suggested to study Chapters on NTFPs in thirty two forest working plans of Uttarakhand which are available at Haridwar office of Forest Department.
- c) He suggested to visit NMPB website and study thoroughly reports and other documents related to medicinal plants of Uttarakhand.
- d) He also suggested to go through various issues of NTFP News brought out by ICTRI.
- e) He asked us to consult Mr. Rajesh Deputy Director FSI (Ph No: 9411101670) in order to plan socio-economic survey use primary data collection. He suggested to include quantity of water consumed by the local people as a livelihood parameter in the survey.
- f) He apprised us of the availability of district wise fuel wood data with FSI.
- g) He suggested to approach Humnottam, an NGO by Tata Ratan Trust for fodder based livelihood data of Uttarakhand.


(Dr. Ajeet Kaur)
Senior Scientist,
COI, ICOSI


(Mr. Siddharth Napalchyal)
Scientist,
COI, ICOSI

REPORT

2 June 2016


National Workshop on "Agro Technology and Profit Enhancing Marketing Strategy for Medicinal Plants" was held on 2nd June 2016 at Doon University which was attended by Dr. Ajeet kaur and Seema Maikhuri.


Registration of all the participants started at 9:30AM. At 10:30 AM. Welcome address was given by Prof. A.K Bhatnagar, President, SMP, New Delhi followed by key note address by Smt. Shomita Biswas, CEO, NMPB. Dr. G.S. Gejaya, DDG (Research), ICTRI, Dehradun was the special guest of the workshop, Guest of honour, Dr. Shushi Kumar, Director IGNEA, Dehradun and Dr. Ashwani Kumar DG, ICTRI Dehradun addressed the audience.

Plenary session started at 1:00 PM which was chaired by Smt Shomita Biswas, CEO, NMPB. Prof. M.C Nautiyal delivered a lecture on the important issue associated with cultivation of high altitude medicinal plants. A lecture on Agro technology of medicinal plants: limitations and way forward was given by Dr. A.K Sharma, Head, NWFP, FRI, Dehradun.

After lunch Technical session I (Dissemination of agro technology of selected medicinal plants) started which was chaired by Dr. Lalit Narayan, Deputy Director (MPS), NMPB. Various lectures on agro technology of few medicinal plants like *Valeriana jatamasi*, *Amula racemosa*, *Hedychium spicatum*, *Sweetia chirayita*, *Pterochiza kurroa*, *Nardostachyus grandiflora*, *Podophyllum hexandrum*, *Saussurea costus*, *S. lappa* and *Angelica glauca* were delivered by different expert members from various institutes and organizations.

Technical session II was chaired by Prof M.C Nautiyal, HAPPRC and Dr. A.K Sharma, Head NWFP, FRI, Dehradun. Agro technologies of *Hippophae*, *Aconitum heterophyllum*, *Aconitum halatourii*, *Prunus verasolides* and *Dactylocteniza hartwegia* were explained by the different expert.


(Dr. Ajeet Kaur)
Senior Scientist,
COL, UCOS I


(Seema Maikhuri)
Junior Research Fellow,
COL, UCOS I

REPORT

12 May 2016

On 12 May 2016 Centre of Excellence team visited State Medicinal Plant Board (SMPB) Uttarakhand Bamboo and Fibre Development Board (BFDB) and Uttarakhand Science and Education Research Centre (USERC).

State Medicinal Plant Board:

Mr. Mahendra Singh Gosal, (Horticulture Inspector, SMPB) discussed about their role in collection and cultivation of medicinal plants. He also discussed the role of Herbal Research and Development Institute (HRDI) and Centre for aromatic plants (CAP) which comes under jurisdiction of SMPB.

Training is also imparted to the farmers by HRDI regarding cultivation of medicinal plants on regular basis. He suggested to visit some departments like Bhesaj Development Unit, Forest Development Corporation and Uttarakhand Forest Department to gather information regarding forest based livelihood. He suggested to refer book "Demand and Supply of Medicinal Plant in India" which may be helpful in getting information on medicinal plants.

Uttarakhand Bamboo and Fibre Development Board


Mr. Dinesh Joshi (Manager Livelihood, BFDB) explained the role of the board and the work that has been done by them so far. He shared information on bamboo, fibres, ringal (cavari) bamboo. Around 10,000 artisan are dependent on Ringal for their livelihood. Four variety of Ringal: *Drepanostachyum jalcatum* (Garhi Ringal), *Thamnocalamus pathillorus* (Dex Ringal), *Thamnocalamus Jonsarensis* (Jham Ringal), *Arundinacea jalcate* (Sararu ringal) is found in Uttarakhand besides this other bamboo species like *Dendrocalamus strictus*, *Bambusa balcooa*, *Bambusa mitans*, *Dendrocalamus hamiltonii*.

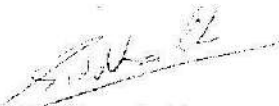
In Uttarakhand Kuldwar is only place where large amount of natural as well as introduced bamboo is present in community and forest land.


He also shared some pamphlets, book and brochure regarding bamboo and natural fibre. Besides bamboo various information on fibre was also shared by him. About 95 species of fibre is obtained from natural forest and so far many products has been made by local people. He also show some materials made from Bhind, Hemp and Nettle.


Uttarakhand Science and Education Research Centre

Dr Manju Sundhryal shared her work on bamboo and gave some information regarding the dependency of people of Uttarakhand on bamboo. In Uttarakhand 450 villages are dependent on bamboo for their livelihood. She also shared her publications on bamboo.


(Dr. Ajeet kaur)
Senior Scientist,
COE, UCOST


(Mr. Siddharth Napalchyal)
Scientist,
COE, UCOST


(Kanchan Dobhal)
Junior Research Fellow
COE, UCOST


(Seema Maikhuri)
Junior Research Fellow
COE, UCOST





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UTTARAKHAND STATE COUNCIL FOR SCIENCE & TECHNOLOGY

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद

Department of Science & Technology, Govt. of Uttarakhand | विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड शासन

Rajendra Dobhal
PhD; FAFESC; FNASC
Director General
Secretary
NASI, UK Chapter

राजेन्द्र डोभाल
पीएचडी, एफ.ए.एफ.ई.एससी, एफ.एन.ए.एसो.
महानिदेशक
सचिव
नासी, उत्तराखण्ड अध्याय

File No. 11545 UCS&T/MOEF-COE/2015-16

Dated: 02.08.2016

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Uttarakhand, INDIA
(t) + 91-9412051556/57
(e) dg@ucost.in
ucost@ucost.in
(w) www.ucost.in

To,
Shri M.S. Negi
Inspector General of Forests (Forest Conservation)
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council
4th Floor, Block No. 3, CGO Complex,
New Delhi-110003

Subject: Centre of Excellence on Forest Based Livelihood in Uttarakhand.

Ref. No. 13-31/2015-CAMPA, Dated 4th July, 2016

Sir,

Utilization Certificate (UC), Statement of Expenditure (SOE) and Annual Report till 31st March 2016 of the project "Centre of Excellence on Forest Based Livelihood in Uttarakhand", sanctioned to Uttarakhand State Council of Science & Technology (UCOST), Dehradun vide Letter No. 13-31/2015-CAMPA, dated 10th Dec 2015 by MOEF &CC under CAMPA were sent to your office on 1st June, 2016, on which you have raised some queries. Kindly be noticed that a budget of Rs. 22,62,575.00/- for two quarters (July-Sept 2016 and Oct-Dec 2016) was already sanctioned (but not released) by your office. In the SOE of last financial year sent to you, we had requested you to release an extra amount of Rs 11,31,288.00/- (i.e. 22,62,575 + 11,31,288= Rs.33,93,863.00/-) in order to cover an extra quarter (Jan-March 2017) so that all expenses and their accounts may be maintained now onwards on financial year (1st April to 31st March of coming year) basis. Please find below the pointwise rebuttal to the queries raised by you:

- (1) The staff positions under project were advertised on 22nd January and the staff members joined by 18th March 2016. All activities of the project started after that. This was the reason for delay in sending the report.
- (2) A grant of Rs. 22,62,575.00/- was released for two quarters, out of which the expenditure in the first quarter was 46% and remaining amount worth Rs. 12,19,695.00/- with us was meant to meet second quarter (April-June 2016) expenditure, out of which Rs. 6,24,849.00/- has been utilized. Now the expenditure for the two quarters reaches Rs. 16,67,729.00/- i.e. 73.7% of the total released grant. Hence, the next grant may be released.

O/o IGF (FC)
Dy. No.
Date: 02.08.2016

(FC)
No.
Date: 02.08.2016

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Pnt up 20/8

~~AGFC/...~~

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(3) For constituting Project Advisory Committee (PAC), request letters had been sent on 6th April, 2016 to the heads of Forest Research Institute (FRI), Uttarakhand Forest Department (FD) and Forest & Rural Development Commissionerate (FRDC) for the nomination of experts. Consent letters from FRI and FD were received but no reply was obtained from FRDC after repeated follow-ups. Hence, as approved by competent authority, Shri Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre (HARC), Dehradun was included in PAC as an expert in place of nominee from Rural Development Department. The first meeting of PAC was held on 1st August, 2016.

(4) (a) Expenditure on salary incurred only after joining of the project staff (i.e. 18th- 31st March 2016) hence the expenses in this head were small. About travel budget, as already stated above, in order to cover an extra quarter (Jan-March 2017, worth Rs. 1,25,000.00/-) besides two quarters i.e. July-Sept 2016 and Oct-Dec 2016 (for which budget worth 2,50,000/- was already sanctioned), an amount of 2,50,000.00+ 1,25,000.00= 3,75,000.00/- was requested to be released. Due to difficult terrain, travel in Uttarakhand unlike other States, is expensive. An extra budget under 'Travel' head may be requested in future.

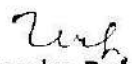
(b) The budget was exhausted on items like expendables, contingencies and other project costs in the first 3 months in order to make necessary arrangements before joining of staff members. This included advertisements, expert meetings, review meetings and arranging basic amenities apart from infrastructural facilities already been provided by UCOST.

We are aware that no foreign travel may be made under travel grant of this project.

Hope your queries are satisfied and requested budget will be released soon.

Thanking You,

Yours sincerely,


(Rajendra Dobhal)
Director General

Copy to: Shri Nisheeth Saxena, Asstt. Inspector General of Forests in reference to letter No. 13-31/2015-CAMPA, Dated 4th July, 2016 for information.


Director General

2

Ad-hoc

Compensatory Afforestation Fund Management and Planning Authority
Constituted by the Hon'ble Supreme Court of India, by Order dated 5th May 2006 in
IA No.1337 with IA Nos.827, 1122, 1216, 1473 in
WP (Civil) No.202 of 1995 : T N Godavarman Thirumalpad Vs Union of India & Ors.

4th floor, Block No.3, CGO Complex, New Delhi – 110 003
Tel No.(011) 24368006. FAX No.(011) 24368007. E-mail : adhoc-campa-mef@nic.in

No.13-31/2015-CAMPA

Dated the 9th August 2016.

The Manager Incharge,
Corporation Bank, Lodhi Complex Branch,
Block No.11, CGO Complex, Lodi Rd, **New Delhi 110003.**

Sub.: NCAC – assistance to Uttarakhand Council for Science & Technology.

Sir,

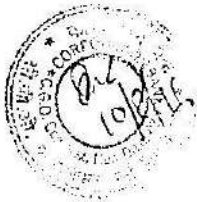
This is to request that :

- (3) an amount of Rs.22,62,575.00 (Rs Twenty two lakhs sixty two thousand five hundred and seventy five only) may kindly be transferred from flexi A/c No.037100301120068 maintained in your Bank in the name of Compensatory Afforestation Fund – Main Account, to SB A/c No.037100101024054 in the name of National CAMPA Advisory Council;
- (4) an amount of Rs.22,62,575.00 (Rs Twenty two lakhs sixty two thousand five hundred and seventy five only) may kindly be transferred from SB A/c No.037100101024054 in the name of National CAMPA Advisory Council in your Bank, to A/c No.518502010003914 in the name of Director, UCOST (Uttarakhand Council for Science and Technology) in Union Bank of India, Branch : Shiva Medico's Complex, Wing No.2, Barrack No.10/08, Prem Nagar, Dehradun [IFSC Code UBIN0560260] under intimation to us.

Yours faithfully,


(D K Sinha)

Inspector General of Forests (Forest Conservation)
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council.



Copy to The Director General, Uttarakhand Council for Science & Technology, Jhajra, Via Premnagar, Dehradun 248007. Their letter No.11545/UCS&T/MOEF-COE/2015-16 dated the 2nd August 2016 refers.

2. The following observations are, hereby, conveyed in this matter, viz. :


- (1) the Quarterly Progress Reports have been received belatedly. The contention that the delay was occasioned by staff joining late has been considered. Timely submission of the Reports should be ensured in future. UCOST may kindly keep the NCAC informed of the developments in both physical terms vis-à-vis the targets, and the financial terms, from time to time ;

(2) action to constitute the Project Advisory Committee, which was a core requirement, was initiated belatedly with the letters seeking nominations being sent only on 06 04 2016. Moreover, Rural Development Department is at the core of the proposed Centre of Excellence in the UCOST and it is felt that personal efforts ought to have been made to secure their association. The status of the "Himalayan Action Research Centre is unclear, and while this may be clarified, it also needs to be mentioned whether it gels well with the aims & objects of the UCOST ;

(3) in case further costs especially on traveling allowances are expected, UCOSI may send proposals for increase well in time as it is not completely clear from the work plan submitted as to what will be the projection of requirement of funds in future years.


(D K Sinha)

Inspector General of Forests
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council





RTGS Customer Payment Outward Report

CREATE DATE : 10/08/2016
MESSAGE TYPE : 099
MESSAGE PRIORITY: 11
MESSAGE PRIORITY: 11
RECEIVER : BRIN0540260
DIRECTION : OUTGOING
STATUS : PS Ack..Pending
CREATOR BY : #E21723
SUB MESSAGE TYPE : #R41
POSSIBLE DUPL. MESSG:
POSSIBLE DUPL. MESSG:
SENDER : #CORP000

Transaction Reference Number
Transaction Reference Number : CORPES2014081003710001
Value Date,Currency,Amount
Value Date : 10/08/2016
Currency : INR
Amount : 23.23 875.00
Ordering Customer
Ordering Customer : 012100101024054
Ordering Institution
Bank Identifier Code : 021000101024054
Name and Address :
MAY 384, CAMPA ADVISORY COUNCIL,
THE OFFICE OF FOREST GOVT OF INDIA,
P O 115 1ST FLOOR
Account with Institution
Bank Identifier Code : 021000101024054
Beneficiary Customer
Account Number : 512502010003914
Name and Address :
DIRECTOR LICEST UTTARAKHAND COUNCIL
FOR SCIENCE AND TECHNOLOGY
MUNDAUN
MUNDAUN
Details of Payment

Sender To Receiver Information : /OTH/WE 0121001024054
/OTH/OR 512502010003914



88

UTTARAKHAND STATE COUNCIL FOR SCIENCE & TECHNOLOGY

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद

Department of Science & Technology, Govt. of Uttarakhand | विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड शासन

Rajendra Dobhal
PhD, FAFESc, FNASc
Director General
Secretary
NASI, UK Chapter

राजेन्द्र डोभाल
PhD, FAFESc, FNASc
महानिदेशक
सचिव
नासी, उत्तराखण्ड अध्याय

File No. 11967 /UCS&T/MOEF-COE/2015-16

Dated: 15.10.2016

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(w) www.ucost.in

To,
Shri M.S. Negi
Inspector General of Forests (Forest Conservation)
Chief Executive Officer, Ad-hoc CAMPA
Member Secretary, National CAMPA Advisory Council
4th Floor, Block No. 3, CGO Complex,
New Delhi-110003

Subject: Submission of 3rd Quarterly Report (1st July to 30th September 2016) of the Project "Centre of Excellence on Forest Based Livelihood in Uttarakhand".

Reference: No. 13-31/2015-CAMPA, Dated- 10th December 2015

Dear Sir,

Please find attached 3rd Quarterly Report of the project "Centre of Excellence on Forest Based Livelihood in Uttarakhand" for the period 1st July to 30th September 2016, sanctioned to Uttarakhand State Council for Science & Technology (UCOST), Dehradun vide Letter No. 13-31/2015-CAMPA, dated 10th December 2015 by MOEF & CC under CAMPA.

Thanking You

Yours sincerely

Res
(Rajendra Dobhal)
Director General

Encl. as above

010/1a(Fcfc)
11/M/2016
2/11/2016

Put up the file
on 27/10/16
28/11
AIC (FAP)
ay
OSD CAMPA



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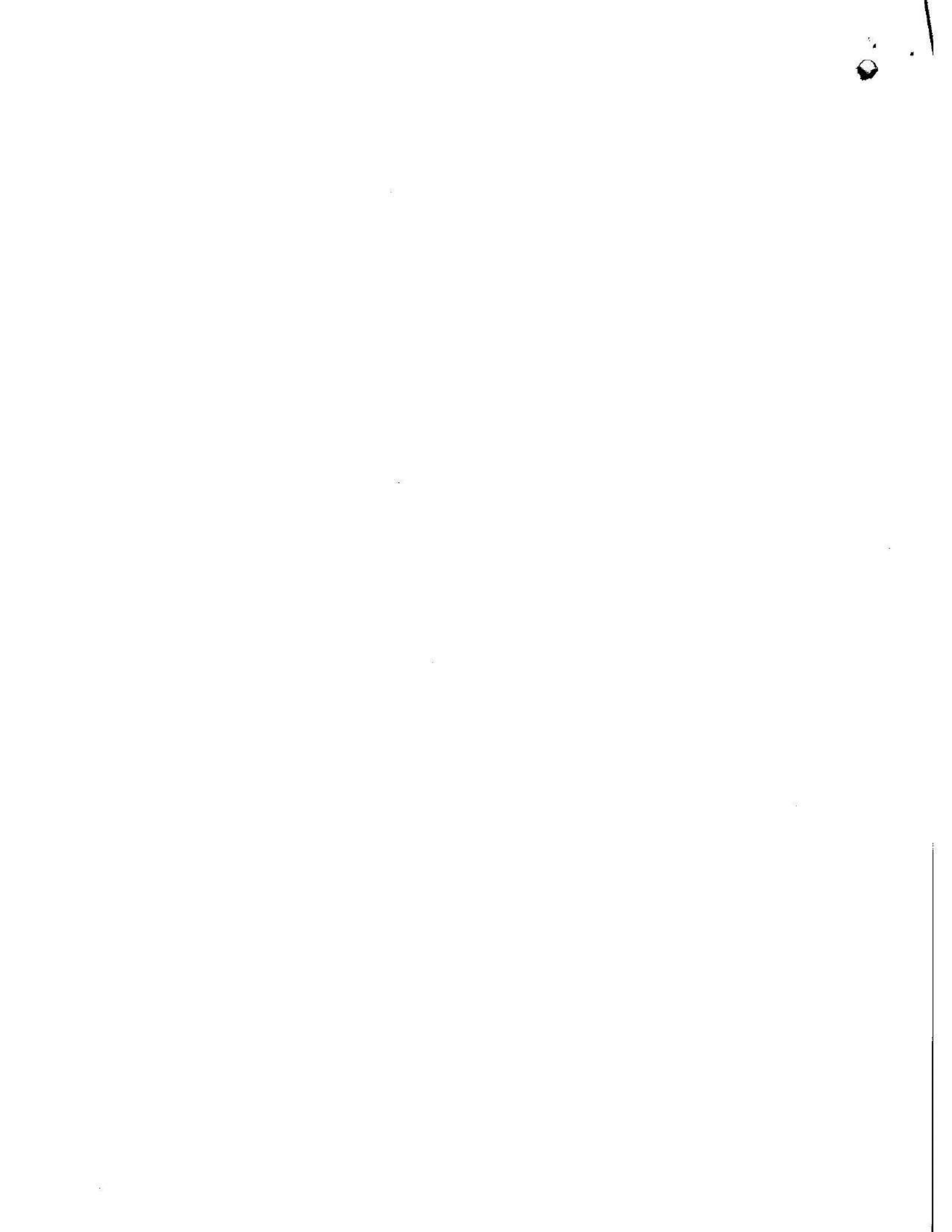
QUATERLY PROGRESS OF THE PROJECT (July 1st, 2016 to September 30th, 2016)

- 1 Title of the project : Centre of Excellence on Forest Based Livelihood in Uttarakhand- A Pilot Study
- 2 Name and address of Principal Investigator- Dr. Rajendra Dobhal
Director General,
Uttarakhand State Council For Science & Technology,
Vigyan Dham, Jhajhra, Via- Premnagar,
Dehradun-248007
(Uttarakhand)
- 3 Number and date of Sanction letter- No.13-31/2015-CAMPA
10/12/2015
- 4 Duration of the Project Five Years
- 5 Total outlay of the Project Rs. 45,25,150.00 (Budget for one year)
Rs. 22,62,575.00 (Released amount for 1st & 2nd quarter)
Rs. 22,62,575.00 (Released amount for 3rd & 4th quarter)
- 6 Date of start of Project 10/12/2015
- 7 Fused vis- a -vis utilized (cumulative)

	Receipt (for 3 rd & 4 th quarter) I	Remaining Balance (of 1 st & 2 nd quarter) II	Total (amount available) (I+II)	Expenditure in 3 rd quarter	Remaining Balance (for 4 th quarter)
1. Salaries	9,88,152.00	4,35,720.00	14,23,872.00	4,60,824.00	9,63,048.00
2. Permanent Equipment Purchased (item-wise)	NIL	NIL	NIL	NIL	NIL
3. Consumables/ Expendables	1,25,000.00	NIL	1,25,000.00	25,000.00*	1,00,000.00
4. Travels	2,50,000.00	-2656	2,47,344.00	45,175.00	2,02,169.00
5. Contingencies	2,00,000.00	-6800.00	1,93,200.00	89,106.00	1,04,094.00
6. Other Project Costs, If any (please specify), Honorarium + Miscellaneous	1,54,950.00	950.00	1,55,900.00	46,000.00	1,09,900.00
7. Dissemination of Research Work	2,50,000.00	1,67,632.00	4,17,632.00	26,252.00	3,91,380.00
8. Institutional charges	2,94,473.00	NIL	2,94,473.00	2,94,473.00	NIL
Total	22,62,575.00	5,94,846.00	28,57,421.00	9,86,830.00	18,70,591.00

* Booked Rs. 25,000.00 (Consumables)





8 (i) Objective of the project:

- a) To collect all the available data on forest based produce with focus on non-timber products like medicinal plants and bamboo and to create a clearing house for the same.
- b) To interact with people through Focused Group Discussion (FGD) and to estimate their dependence on forests for their livelihood.
- c) To do value and supply chain analysis for different forest products.
- d) To create a resource directory of various government and non-government organisations, private institutes and experts working in the area of forest livelihood.
- e) To conduct socio-economic analysis and estimate cultural dependence of the forest fringe villages on forestry.

(ii) Objectives undertaken during the third quarter

- a) To organise first Project Advisory Committee (PAC) meeting.
- b) To release Brochure of the Centre of Excellence.
- c) To prepare atlas of Uttarakhand showing different contour and important places with the help of Spatial Data Infrastructure (SDI) facility of UCOST.
- d) To bring out News- bulletin of Centre of Excellence for the period March- August 2016.
- e) To upgrade Resource Directory for forest based livelihood in Uttarakhand.

9 Progress during the period under review as well as overall

- a) On 1st August 2016, first Project Advisory Committee meeting of CoE under the Chairmanship of Dr. Rajendra Dobhal (Director General, UCOST) and mentorship of Dr. Ram Prasad, Ex PCCF, M..P. was held at Uttarakhand State Council for Science & Technology (UCOST). Shri S.T.S. Lepcha, PCCF & MD Uttarakhand Forest Development Corporation, Dr. B. P. Tamta, Scientist- E, Non Wood Forest Product Division, Forest Research Institute (FRI), Dehradun and Shri Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre (HARC), the expert members of PAC were present in the meeting. During the meeting the activities and future roadmap of Centre of Excellence were discussed.
- b) Brochure of Centre of Excellence was released at PAC meeting on 1st August 2016 **(Annexure I)**.
- c) Atlas of Uttarakhand showing different contour and important places was prepared by CoE with the help of Spatial Data Infrastructure (SDI) facility of UCOST **(Please refer CoE, News-bulletin 2016, page no. 05)**.





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Meetings held at UCOST (Annexure-II)-

- a) On 1st August 2016, first Project Advisory Committee meeting of *Centre of Excellence on Forest Based Livelihood in Uttarakhand (CoE)* was held at UCOST.
- b) On 3rd August 2016, meeting of CoE was held with Mr. Mahendra Singh Kunwar, Secretary, Himalayan Action Research Centre (HARC) to discuss questionnaires and to learn PRA technique.
- c) A Departmental Advisory Committee meeting of CoE was held on 12th August 2016, with Dr. B. P. Purohit, J.D. UCOST to chalk out the monthly plan and to discuss the activities of CoE.

Field visits of CoE team-

- a) On 22nd July 2016 CoE team visited Mandi of Uttarakhand Forest Development Corporation (UAFDC) at Bibiwala (Rishikesh) and interacted with officers, collectors and traders who had come there for auction of the forest produce.
- b) On 24th August 2016, CoE team visited Medicinal Plant Nursery of Herbal Research and Development Institute (HRDI) at Dhanaulti and also interacted with some of the villagers who were selling wild fruits and forest produce like cucumber, berries, apple and walnuts.

Visits to experts in various fields-

- a) On 5th September 2016 CoE Team visited ICFRE to meet Dr. G. S. Goraya, IFS, and Deputy Director General ICFRE. He suggested that CoE should focus on fixed and approved programmes and should submit an annual action plan with defined activities and definite deliverables.
- b) On 14th September 2016 Dr. Ajeet Kaur (Sr. Scientist, CoE) and Mr. Siddharth Napalchyal (Scientist, CoE) visited Forest Survey of India (FSI) to meet Sh. Rajesh Kumar, ISS, Senior Deputy Director (FI), Forest Survey of India, Dehradun to discuss the strategies for selecting villages to assess forest based livelihood in Uttarakhand
- c) On 21st September 2016, Dr. Ajeet Kaur and Seema Maikhuri of CoE team visited National Forest Library cum Information Centre (NFLIC) to collect the research papers on forest based livelihood in Uttarakhand.
- d) Dr. Ajeet Kaur visited Himalayan Action Research Centre (HARC) NGO to collect questionnaire formats of Focussed Group Discussion (FGD) that will be used to prepare the CoE FGD survey form.
- e) On 30th September 2016, Mr. Siddharth Napalchyal visited Directorate of Census office where he had a meeting with Shri Laxman Singh Rawat (Assistant Director) and collected





(2)

demographic data of Uttarakhand and also sample village map of Village- Malari of Chamoli district.

- f) Resource Directory for forest based livelihood in Uttarakhand is under upgradation continuously (**Annexure-III**).
- g) News Bulletin of CoE, from March to August 2016, has been released (**Annexure-IV**).

10 Methodology followed

- a) Mentor and expert members of Project Advisory Committee were invited for 1st PAC meeting which was held on 1st August 2016 under the chairmanship of Dr Rajendra Dobhal (Director General, UCOST).
- b) Meetings were held with experts to discuss the activities and to decide the future roadmap of CoE.
- c) CoE team visited several experts for guidance & to chalk out short and long term goals of the centre.
- d) Online search for research papers and literature on forest based livelihood was carried out.
- e) Compilation of contact information of various government and non-government organisations, private institutes and experts working in the area of forest livelihood in Uttarakhand is under progress in order to prepare resource directory.

11 Targets and achievements (physical)

- a) 1st PAC meeting was held on 1st August 2016.
- b) CoE Brochure was released at PAC meeting.
- c) Atlas of Uttarakhand prepared by CoE with help of SDI facility of UCOST.
- d) News bulletin of CoE, (March – August 2016) was released.
- e) Three meetings were held with experts to discuss future roadmap of CoE.
- f) Several visits were undertaken by CoE team to experts for data collection.

12 Programme of work for the next quarter on part thereof-

- a) To revise and finalise different schedules of enquiry for surveys to be conducted at villages to assess forest based livelihood through FGD.
- b) To select sample villages using statistical and GIS (Geographic Information System) tools in order to collect data pertaining to forest based livelihood.
- c) To conduct trial survey in some villages to test different schedules of enquiry.
- d) To acquire village boundary data of Uttarakhand from Survey of India and forest layer from Uttarakhand Forest Department.





- e) To collect secondary data and literature from various sources.

99

13 Publication, if any , based on the work done under the project

- a) Submission of two abstracts in Commonwealth Forestry Conference 2017 (CFC-2017) by CoE team.
- b) Submission of three abstracts in 11th Uttarakhand State Science & Technology Congress (USSTC) 2017 by CoE team.

14 Any other relevant information

NA



**Minutes of the First Project Advisory Committee Meeting of Centre
of Excellence on Forest Based Livelihood in Uttarakhand
Sponsored by MOEF&CC, Govt. of India**


1. The first meeting of the Project Advisory Committee of the Centre of Excellence was held in the meeting room of UCOST on 1st Aug 2016 at 11.00 A.M. The meeting was attended by the following officials/ researchers:
 - 1) Dr. Rajendra Dobhal, Director general, UCOST, Dehradun.
 - 2) Dr. Ram Prasad, Ex. PCCF, Bhopal, M.P
 - 3) Shri. S.T.S. Lepcha, PCCF & MD, UAFDC, Dehradun.
 - 4) Shri Mahendra Singh Kunwar, Secretary, HARC
 - 5) Dr. B.P. Tamta, Scientist-E, NWFP Division, FRI, Dehradun
 - 6) Dr. B.P. Purohit, Joint Director, UCOST, Dehradun.
 - 7) Dr. D.P. Uniyal, Sr. Scientific Officer, UCOST, Dehradun.
 - 8) Dr. Piyush Joshi, Sr. Scientific Officer, UCOST, Dehradun.
 - 9) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
 - 10) Mr. Siddharth Napalchyal, Scientist, COE, UCOST, Dehradun.
 - 11) Ms. Seema Maikhuri, JRF, COE, UCOST, Dehradun.
 - 12) Mrs. Kanchan Dobhal, JRF, COE, UCOST, Dehradun.
2. DG UCOST initiated the proceedings of the meetings by welcoming the members of PAC and research team of the centre of excellence. Dr. Ajeet Kaur delivered the presentation on the various project activities- conducted and planned for near future.
3. Dr. Dobhal laid emphasis on sincere efforts of the scientists and researchers to endeavor to collect and collate the primary and secondary data available in published and unpublished form (Grey literature) on the subject. The data has to be practically on all aspects of forest based livelihood- tangible and non-tangible; summarizing the trend representing most of about 16500 villages following in the state of Uttarakhand. The centre should have repository of data and their analysis which should encompass the social, cultural, ecological and economic dimensions of forest based livelihood.
4. Mr. S.T.S. Lepcha, PCCF & MD, UKFDC who joined the meeting late due to his more pressing official engagement concurred with the views of DG, UCOST and assured for


extending all necessary logistics and technical support to the research team. DG thanked him for his spirit of support to this valuable study.


5. Dr. Ram Prasad, the mentor of the PAC elaborated and explained in detail the methodology, sourcing of secondary data and organizing field work through people's participation (Rapid PRA exercise, Focused Group Discussion, pilot studies, interactive discussion with possible stakeholders etc.). Among the major stakeholders in the communities, men and women in villages need to be assorted into young (15-25 years) middle aged (25-45years) senior communities members (above 45 years) to reflect their knowledge and experience. Dr. Ram Prasad also helped the research team to understand that this project is very prestigious as the study results will provide a conclusive evidence of how forest and associated ecosystems are important not only to the people of Uttarakhand but also to the ecological security and prosperity of people downstream. Himalayan study will show the intricate relationship between man and his ecosystem. This will also help to develop a trend of forest-ecosystem service for sustaining the lifestyle of the people of Uttarakhand and provide basis for assessing the contribution of the Himalayan state in moderating the climatic harshness, its disaster related risk reduction and livelihood security of the state and beyond.
6. Shri Mahendra Kunwar, Secretary, HARC emphasized on planning the field work, data collection and analysis. His organization has collected data on about 68 villages which may be pertinent for this study. He assured to join the research efforts of this centre in jointly conducting field survey, data collection and organization of community's capacity building training and exposure visits etc.
7. The following specific points were also discussed:
 - i) Visits to the Medicinal plant Mandis- At least 2-3 such visits to Rishikesh, Ramnagar and Tanakpur for interaction with forest officers, traders, collectors, processors, industry representative etc. The loss in weight due to moisture should also be assessed.
 - ii) The research team will select sites/ villages in lower, middle and higher Himalayas. To begin with 100 villages from three major types may be taken.
 - iii) Among various benefits, the tangible and intangible benefits of forests were also discussed which included:
 - a) Employment opportunities and its contribution to household income.





- b) Collection and sale of forest products.
 - c) Status of availability- declining or increasing
 - d) Collectors profile- men, women, children, no. of days spend per week, month and year.
 - e) Total contribution to household income.
 - f) Indirect contribution.
 - g) Food from forest.
 - h) Ecotourism opportunities and its contribution to household income.
 - i) Traditional knowledge of local communities such as Bhotiyas.
8. The meeting was concluded by the resolve: to start field work in September.
The team should organize one workshop at UCOST and a few in the field.
9. At the end Mr. Siddharth Napalchyal proposed the vote of thanks to all participants.

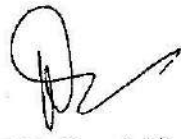

(Dr. Rajendra Dobhal)
 Director General,
 UCOST, Dehradun



(Dr. Ram Prasad)
 Ex. PCCF,
 Bhopal, M.P.



(S.T.S. Lepcha)
 PCCF & M.D,
 UAFDC, Dehradun

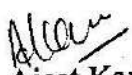

(Mahendra Singh Kunwar)
 Secretary, HARC

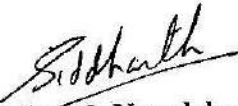

(Dr. B.P. Pant)
 Scientist-E, NWFP Division,
 FRI, Dehradun


(Dr. B.P. Purohit)
 Joint Director,
 UCOST, Dehradun


(Dr. D.P. Uniyal)
 Sr. Scientific Officer,
 UCOST, Dehradun


(Dr. Piyush Joshi)
 Sr. Scientific Officer, UCOST,
 Dehradun


(Dr. Ajeet Kaur)
 Sr. Scientist, COE,
 UCOST, Dehradun


(Siddharth Napalchyal)
 Scientist, COE,
 UCOST, Dehradun



(26)

**Meeting of Centre of Excellence on Forest Based Livelihood In
Uttarakhand with Sh. Mahendar Kunwar, Secretary HARC**

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 03.08.2016

Time : 11.00 A.M.

**Minutes of the Meeting of Centre of Excellence on Forest Based Livelihood
in Uttarakhand with Sh. Mahendar Kunwar, Secretary HARC**

The meeting was attended by the following officials:


- 1) Shri Mahendra Singh Kunwar, Secretary, HARC
- 2) Dr. Piyush Joshi, Sr. Scientific officer, UCOST, Dehradun.
- 3) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
- 4) Mr. Siddharth Nepalchyal, Scientist, COE, UCOST, Dehradun.
- 5) Ms. Seema Maikhuri, JRF, COE, UCOST, Dehradun.
- 6) Ms. Kanchan Dobhal, JRF, COE, UCOST, Dehradun.


Following decisions were taken during the meeting:

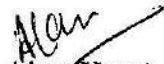
- 1) Mr. Mahendar Kunwar elaborated upon the interdependence of Agriculture, Animal Husbandry and Human Resources on Forests. He emphasised that all the three were dependent on the forest.
- 2) Mr. Siddharth Nepalchyal, Scientist COE pointed out to the Socio- Economic Survey guidelines given in the National Working Plan Code 2014 (MOEF), to which he also agreed on the selection criteria of Villages for the survey as well as to the socio-economic survey assessment given in the document. He suggested that a concept note should be prepared including the scope of study with special reference to guidelines of National Working Plan Code 2014(MOEF).
- 3) He advised the team to collect the Census Data of the Villages to be surveyed from Land Records and the Census Data of the District Administration. For the Protected Areas he suggested that the document related to collection rights of the villages can be obtained from the concerned Forest Officials.




- (92)
- 4) He explained to the team that the products coming for sale to Mandies under Forest Corporation are not only from the forest but many of the medicinal plants are cultivated on private lands so he advised us to show the Data of Mandi as it is and no further analysis should be done on that.
 - 5) He suggested to organize a stakeholders workshop to gather information on sources for collection of secondary data.
 - 6) He explained the PRA (Participatory Rural Appraisal) Techniques to collect the data from the villages. He pointed out that the villagers hesitate in sharing information when questionnaire is filled in a set format so a simple and lucid style of survey formats by way of diagrams, pie charts and matrix should be prepared to be filled at survey sites. He also highlighted the importance of different sections of society in surveys like Women and discussed about FGD (focussed group discussion methods)
 - 7) Value and supply Chain Analysis of at least 10 forest produce coming from the forest should be done by the Centre of Excellence as suggested by him.


(Shri Mahendra Singh
Kunwar),
Secretary, HARC


(Dr. Piyush Joshi)
Sr. Scientific Officer, UCOST,
Dehradun


(Dr. Ajeet Kaur)
Sr. Scientist, COE,
UCOST, Dehradun


(Mr. Siddharth Napalchyal)
Scientist, COE,
UCOST, Dehradun



Meeting of the Departmental Advisory Committee for Centre of Excellence on Forest Based Livelihood In Uttarakhand

Venue : UCOST, Vigyan Dham, Jhajra, Dehradun, Uttarakhand.

Date : 12.08.2016

Time : 11.00 A.M.

Minutes of the Departmental Advisory Committee Meeting for Centre of Excellence on Forest Based Livelihood in Uttarakhand

The meeting was attended by the following officials:

- 1) Dr. B.P. Purohit, Joint Director, UCOST, Dehradun.
- 2) Dr. D.P. Uniyal, Sr. Scientific Officer, UCOST, Dehradun.
- 3) Dr. Ashutosh Mishra, Scientific Officer, UCOST, Dehradun.
- 4) Dr. Piyush Joshi, Sr. Scientific Officer, UCOST, Dehradun.
- 5) Dr. Ajeet Kaur, Sr. Scientist, COE, UCOST, Dehradun.
- 6) Mr. Siddharth Napalchyal, Scientist, COE, UCOST, Dehradun.
- 7) Ms. Seema Maikhuri, JRF, COE, UCOST, Dehradun.
- 8) Ms. Kanchan Dobhal, JRF, COE, UCOST, Dehradun.

Following decisions were taken during the meeting:

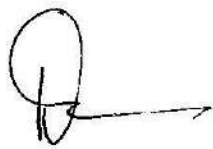
- 1) Dr. Purohit advised that the work done on forest based livelihood setup at premier institutes like GBNIHESD, ICIMOD should be studied.
- 2) He advised that the Centre of Excellence should publish a news bulletin/news letter at the end of each quarter.
- 3) Secondary data received from different sources should be verified.
- 4) The tentative work schedule was discussed in detail and the team was asked to reschedule the activity of framing of questionnaire for primary survey from September to August.
- 5) Dr. Purohit raised concern regarding the data of illegal collection of forest produce.
- 6) Dr. Uniyal suggested that the sampling strategies (Random sampling and stratified random sampling) should be decided before conducting socio-economic survey.

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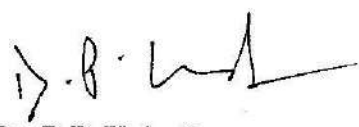


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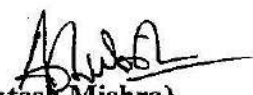
7) Dr. Mishra informed the COE team that the data on value added products of bamboo made from bamboo can be collected from peepalkoti.



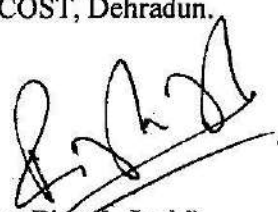
(Dr. B.P. Purohit)
Joint Director,
UCOST, Dehradun.



(Dr. D.P. Uniyal)
Sr. Scientific Officer,
UCOST, Dehradun



(Dr. Ashutosh Mishra)
Scientific Officer,
UCOST, Dehradun



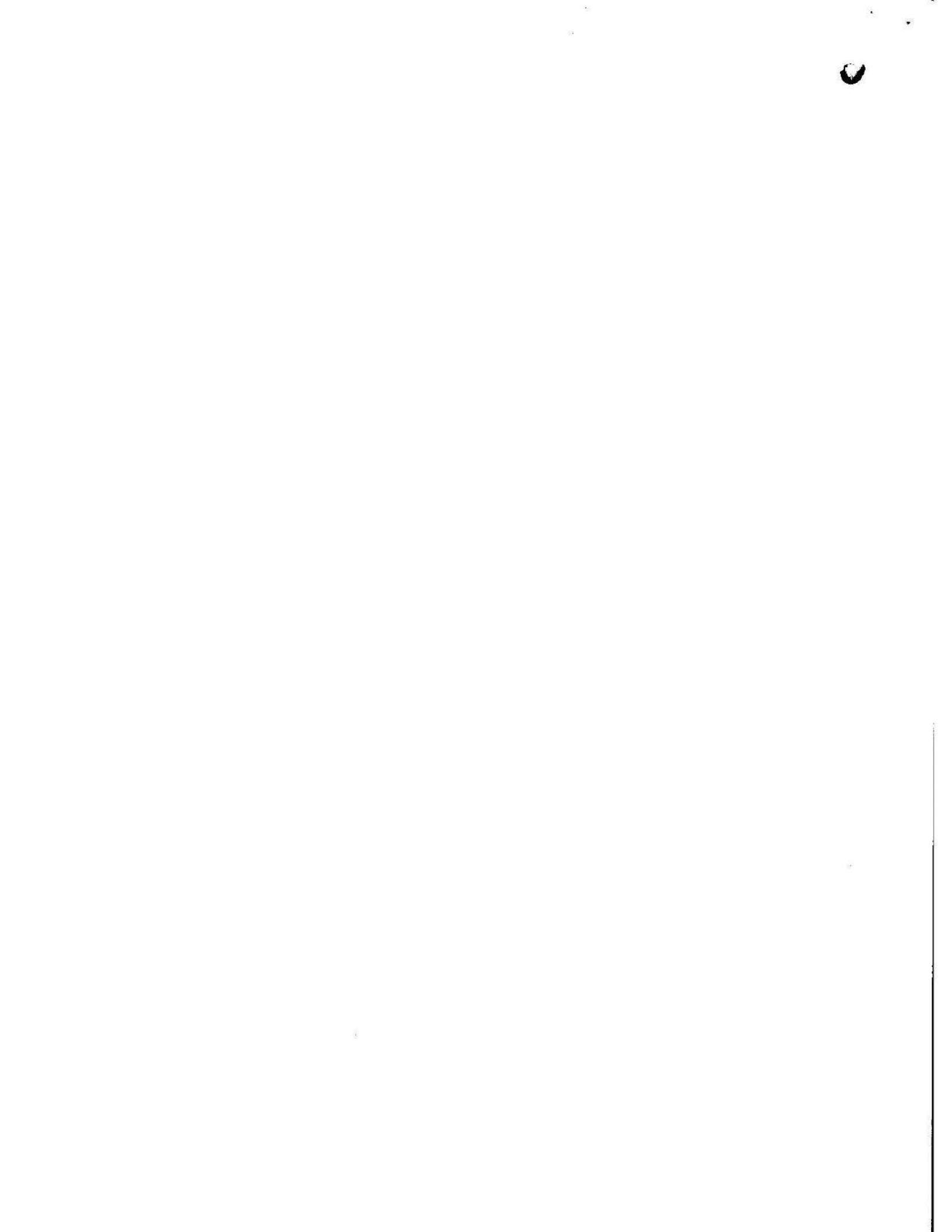
(Dr. Piyush Joshi)
Sr. Scientific Officer,
UCOST, Dehradun



(Dr. Ajeet Kaur)
Sr. Scientist, COE,
UCOST, Dehradun



(Mr. Siddharth Napalchyal)
Scientist, COE, UCOST,
Dehradun



N. G.O. in Uttarakhand Working on Forest Based Livelihood**N. G.O. in Almora District**

S. No.	Name	Address	Contact Numbers	Email
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| 4 | Mahaseer Conservancy | Post Box No. 14,
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102

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| 2 | Jeevan Verma
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N.G.O. in Udham Singh Nagar District

- | | | | | |
|---|---|---|----------------------------------|--|
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| 2 | SIMAR | Society of Integrated
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