

New Research Projects Sanctioned in RPC-2009



11th - 13th February 2009



**Directorate of Research
Indian Council of Forestry Research and Education,
P.O. New Forest, DEHRA DUN – 248006**

Abstract of Sanctions of New Projects in X- RPC

Name of the Institute	Number of Projects	Total amount sanctioned (Lac)
HFRI, Shimla	2	55.85
IFP, Ranchi	7	84.63
TFRI, Jabalpur	3	32.85
IWST, Bangalore	17	107.33
RFRI, Jorhat	14	143.536
FRI, Dehradun	23	200.503
IFGTB, Coimbatore	12	146.18
AFRI, Jodhpur	3	39.51
Total	81	810.389

No.72(IX)09-ICFRE(R)/RP/HFRI
Indian Council of Forestry Research & Education
(An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
P.O New Forest Dehradun 248006

Dated the 25th March, 2009

To,

The Director,
Himalayan Forest Research Institute,
Conifer Campus, Panthaghati,
Shimla-171009

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG, for the internally funded projects stated below. Duration, name of the division and the respective budget is stated against the project title.

	Project Title/ Name of PI	Name of the Division	Budget (Lac)
1	Assessment of optimum harvest limits of <i>Picrorhiza kurrooa</i> and <i>Valeriana jatamansi</i> in H.P. PI- Dr. A. Rajasekaran, Duration 5 years	Non Wood Forest Product	Rs. 26.62
2	Identification of Superior Chemo-types and <i>ex-situ</i> Conservation of <i>Podophyllum hexandrum</i> Royle from Himachal Pradesh and Jammu & Kashmir (Nubra Valley) PI- Shri Jagdish Singh Duration 5 years	Agroforestry & Extension	Rs. 29.23
	Total		Rs 55.85

Yours faithfully,

(Dr. Sudhanshu Gupta)
ADG (Research Planning)
ICFRE

Copy to : DDG (Admin.) for information and necessary action.

Copy to : ADG (M&E) for information

No.72(IX)09-ICFRE(R)/RP/IFP
Indian Council of Forestry Research & Education
(An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
P.O New Forest Dehradun 248006

Dated the 26th March, 2009

To,

The Director,
Institute of Forest Productivity,
Aranyodaya
Ranchi, Gumla National High-Way -23
Lal Gutwa
RANCHI, JHARAKHAND

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG, ICFRE, for the internally funded projects stated below. Duration, name of the division and the respective budget is stated against the project title.

Sl no	Project Title PI / Duration	Name of the Division	Budget (Lac)
1.	Selection and Evaluation of Potential seed sources and clones of selected species from Jharkhand State and adjoining states/ PI- Dr. M.V. Durai, R.O/ 4 years	Forest Soil & Land Reclamation Division	17.04
3	Standardization & dissemination of complete package of cultivation in relation to principle active in-gradient of important medicinal plants of Eastern India PI- Sh. S. K. Bhatia, SC-B/4 years	Genetics & Tree Propagation Div.	12.45
4	Effect of potassium application on diseases and pests in <i>Gmelina arbores</i> Rox. grown under Chhotanagpur Plateau soils. PI- Dr. S. Nath, SC-E/4 years	Forest Soil & Land Reclamation Division	16.72
5	Application of GIS for identification and monitoring of lac host belts in Chotanagpur area PI- Ms. Ruby S. Kujur, SC -B/3 years	Information Technology Division	11.60
6	Effect of humic acid on rooting behaviour in <i>Dalbergia sissoo</i> , <i>Tectona grandis</i> , <i>Gmelina</i>	Forest Soil & Land	9.33

	<i>arborea</i> and <i>Schleichera oleosa</i> PI-Dr. M.V. Durai, R.O/2 years	Reclamation Division	
7	Selection and improvement of natural dye yielding plants. PI-Sh. H. C. Sindhuveerendra, R.O./4 years	Botany Silviculture & NWFP Division	8.60
8	Ecological dynamics of vegetation tructure and assessment of morphological adaptive variation to create baseline data in selected species in Dalma Wildlife Sanctuary. PI- Sh.H.C. Sindhuveerendra,/3 years	Botany Silviculture & NWFP Division	8.89
	Total		84.63

Yours faithfully,

Sudhanshu Gupta,
ADG(RP)

Copy to : DDG (Admin.) for information and necessary action.
Copy to : ADG (M&E) for information

No.72(IX)09-ICFRE(R)/RP/TFRI
Indian Council of Forestry Research & Education
(An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
P.O New Forest Dehradun 248006

Dated the 25th March, 2009

To,

The Director,
Tropical Forest Research Institute,
PO Regional Forest Research Centre
Mandla Road
JABALPUR-482001

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG, ICFRE, for the internally funded projects stated below. Duration, name of the division and the respective budget is stated against the project title.

Sl no	Project Title PI / Duration	Name of the Division	Budget (Lac)
1.	Studies on the dynamics of litter decomposition in sal forests of central India and its impact on nutrient status of soil., PI-Dr. K.K. Soni/4 years	Pathology	11.29
2.	Studies on the harvesting time of some selected medicinal plants for their natural antioxidants constituents PI-Dr. Vishakha Kumbhare 3 years	NWFP	6.00
3.	Determination of polysachharides for the development of bioproducts. PI-Smt. Neelu Singh, /3 years	NWFP	15.56
	Total		32.85

Yours faithfully,

Sudhanshu Gupta,
ADG(RP)

Copy to : DDG (Admin.) for information and necessary action.

Copy to : ADG (M&E) for information

No.72(IX)09-ICFRE(R)/RP/IWST
Indian Council of Forestry Research & Education
(An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
P.O New Forest Dehradun 248006

Dated the 25th March, 2009

To,

The Director,
Institute of Wood Science and Technology,
P.O. Mallaswaram, Forest Research Laboratory,
Bangalore-560 003
Karnataka

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG,ICFRE, for the internally funded projects stated below (except project No-10). Duration, name of the division and the respective budget is stated against the project title. In the revised project No (10) Title has been changed to “Development of Agroforestry Models of *Givotia rottleriformis* Griff. and *Gmelina arborea* for semi arid tropics of Andhra Pradesh” objectives have been changed, but correspondingly the technical programme has not been changed. Methodology needs to be revised with selection of semi arid tropics of A.P coming first and farmer’s field later. First region has to be selected, than only farmer(s) field can be chosen, same has not been done in the action plan and the proposed quarterly targets. The revised project needs to be further modified and communicated for obtaining approval of DG, ICFRE. **Sanction of project No- 10 would be conveyed subsequent to obtaining permission from DG, ICFRE.**

Sl no	Project Title PI / Duration	Name of the Division	Budget (Lac)
01	Standardization of flower induction schedule in CSO of <i>Tectona grandis</i> and its impact on fruit set. Duration: Three years (2009-2011)/ PI: Dr. Ashutosh Srivastava	Tree Improvement and propagation	8.33
02	Production of clean Producer gas from woody biomass Duration: 2 years (2009-2011)/ PI: R.Ezhumalai	Chemistry of Forest Products	7.90
03	Management of insect pests of <i>Gmelina arborea</i> Roxb. with particular emphasis on <i>Tingis besoni</i> Drake (Tingidae: Hemiptera) and disease surveillance./ Duration: 4 years (2009-2013)/ PI: Dr. Y. Sridhar	FRC, Hyderabad	6.77

04	Study on microwave assisted extraction and transesterification of <i>Pongamia pinnata</i> seed oil./ Duration: 3 years (2009-2012) PI: Ritesh D. Ram	Wood Energy	7.95
05	Fatty oil composition and utilization of lesser known tree borne oilseeds- <i>Givotia rottleriformis</i> , <i>Madhuca insignis</i> , <i>Shorea tumbuggaia</i> , <i>Poeciloneuron indicum</i> , <i>Hopea parviflora</i> , <i>Mesua ferrea</i> and <i>Balanites roxburghii</i> ./ Duration: 3 years (2009-2012)/ PI: Dr. S. Mohan	Chemistry of Forest Products	8.51
07	Studies of litter organisms for enhancing productivity of soil in <i>Eucalyptus</i> plantation./ Duration: 3 years (2009-2012)/ PI: Dr. N. Senthilkumar	FRC, Hyderabad	7.86
08	“ <i>Garcinia indica</i> , Choisy -Pharmacological evaluation of extract/active principle for antidiabetic property” Duration: 3 years (2009-2012) / PI: B.S. Chandrashekar	Chemistry of Forest Products	4.34
09	Investigations on fungal diseases and insect pests in forest nurseries of selected forestry species and their management. Duration: 3 years (2009-2012)/ PI: H.C. Nagaveni	Wood Biodegradation	6.50
10	Development of Agroforestry Models of <i>Givotia rottleriformis</i> Griff. and <i>Gmelina arborea</i> for semi arid tropics of Andhra Pradesh, Duration: 5 years (2009-2014)/ PI: M.B. Honnuri	FRC, Hyderabad	6.71*
12	Studies on chemical modification of wood and its thermoplasticization. Duration: 3 years (2009-2012) PI: Dr. K.K. Pandey	Wood Seasoning and Preservation	6.44
13	Studies on Co-polymerization Kinetics Using Filler Supported Catalyst System. Duration: 3 years (2009-2012)/ PI: Dr. Ajay Karmarkar	Wood Seasoning and Preservation	6.34
14	Effect of moisture content and diameter on the treatability of canes by vacuum impregnation method. Duration: 2 years (2009-2011) PI: D. Venmalar	Wood Seasoning and Preservation	2.00
15	Evaluatiuon of strength proerties of the wood and the wood products in use by using Ultrasonic Methods Duration: 2 years (2009-2012)/ PI: N.C. M. Rajan	Wood Properties and Uses Division	0.95

16	Biodiversity inhabiting fungi in the Rain Forest of MAKUTTA, Western Ghats, Karnataka Duration: 3 years (2009-2012)/ PI: Dr. A. Muthu Kumar	Wood Biodegradation	6.04
17	Development of Commercial Timber Information System (CTIS). Duration: 3 years (2009-2012)/ PI: V. Soundararajan	Information Technology Cell	3.50
18	Studies on macro propagation of Bamboo species. Duration: 3 years (2009-2012) PI: K.S. Venkataramanan	FRC, Hyderabad	7.19
19	Development of micro propagation protocols for production of superior germplasm of <i>Dalbergia latifolia</i> Roxb.. and <i>Pterocarpus santalinus</i> L” Duration: 4 years (2009-2013) PI: Dr. G.R.S. Reddy	FRC, Hyderabad	10.00
	Total		107.33

* Sanction of project No- 10 would be conveyed separately (*Approved vide letter of even number dated 23-04-09*)

Yours faithfully,

Sudhanshu Gupta,
ADG(RP)

Copy to : DDG (Admin.) for information and necessary action.
Copy to : ADG (M&E) for information

No.72(IX)09-ICFRE(R)/RP/IWST
Indian Council of Forestry Research & Education
(An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
P.O New Forest Dehradun 248006

Dated the 23rd April, 2009

To,

The Director,
Institute of Wood Science and Technology,
P.O. Mallaswaram, Forest Research Laboratory,
Bangalore-560 003
Karnataka

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG, ICFRE, for the internally funded revised project No-10. The Duration and budget has already been conveyed vide letter of even number dated 25th March, 2009, however the same is again conveyed for your ready reference.

S.No	Project Title PI/Duration	Name of the Division	Budget (Lac)
10	Development of Agroforestry Models of <i>Givotia rottleriformis</i> Griff. and <i>Gmelina arborea</i> for semi arid tropics of Andhra Pradesh, Duration: 5 years (2009-2014)/ PI: M.B. Honnuri	FRC, Hyderabad	6.71

Yours faithfully,

Sudhanshu Gupta,
ADG(RP)

Copy to : DDG (Admin.) for information and necessary action.
Copy to : ADG (M&E) for information

No.72(IX)09-ICFRE(R)/RP/RFRI
 Indian Council of Forestry Research & Education
 (An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
 P.O New Forest Dehradun 248006

Dated the 25th March, 2009

To,

The Director,
 Rain Forest Research Institute,
 Post Box No 136, Deovan Sotai Ali
 JORHAT -785 001 (ASSAM)

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG, ICFRE, for the internally funded projects stated below. Duration, name of the division and the respective budget is stated against the project title.

S.NO	Project Title PI/Duration	Name of the Division	Budget (Lacs)
2	Investigations on ecology of Mimosa invasion in Kaziranga National Park, Assam. P. Coordinator : Sri N.K. Vasu /P.I. : Dr. Vishavjit Kumar, Duration: 3 years	Ecology and Biodiversity	15
4	Assessment of Rattan diversity and Conservation Strategy in respect of Mizoram, Tripura & Barak Valley of Assam. P.I. : Sh. Kalpataru Kar, DCF/Duration: 3 years	ARCBR, Aizawl	12.70
5	Conservation of Superior germplasm of commercially significant Bamboo and Rattans Species of Mizoram. P.I. Shri L. Khawlhing, /Duration : 3 years	ARCBR, Aizawl	6.80
6	Studies on the incidence and management of culm rot and bamboo blight disease in Assam P.I. : Dr. R. K. Borah Duration : 3 years	Forest Protection	5.97
7	Diversity of ectomycorrhizal associations with <i>Dipterocarpus</i> and <i>Shorea</i> species in Assam P.I. : Dr. Ashawni Tapwal Duration : 3 years	Forest Protection	4.88
8	Genetic evaluation of bamboo germplasm in RFRI Germplasm Bank. P.I. : Dr. S Pattanaik.	Biotechnology & Genetics	6.75

	Duration : 2 years		
9	Assessment of phytodiversity dynamics for conservation in Jeypore Reserve Forest. P.I. : Dr. Ranjeet Kumar Duration: 3 years	Ecology & Biodiversity	15.63
10	Studies on phyto-proteins from selected plant/s of Northeast region for the production of Protein Concentrates with greater food value. P.I. : Dr. Vikas Rana,Duration: 3 years	Bio-prospecting & Indigenous Knowledge	14.82
11	Clonal propagation of superior <i>Dendrocalamus hamiltonii</i> Nees. germplasm through <i>in-vitro</i> techniques. P.I. : Dr. A.K. Sarkar/Duration: 3 years	Biotechnology & Genetics	10.56
12	Comparative Studies on Optimum treatment Times and Durability Test of Commercially Important Bamboos Species of North Eastern Region. P.I.: Dr. Anil Negi,/Duration: 3 years	Forest Protection	4.12
13	Utilization of Vesicular Arbuscular Mycorrhizal diversity for the quality stock production of some useful forest plant/s species of Nongkhylllem Reserve Forest, Nongpoh, Meghalaya, India P.I.: Dr. Vipin Prakash, Duration: 3 years	Silviculture & Forest Management	14.64
14	Carbon sink and fertility status relation of soil under different land use system of some States of NE India. P.I. : Dr. P.K Das, Duration : 3 years	Silviculture & Forest Management	5.55
15	Rehabilitation of degraded jhum land through potential bamboo species with reference to carbon sequestration and livelihood development. P.I. : Dr. I.P Bora,Duration : 5 year		16.12
16	Standardization of Inoculation Technique for Agar Wood format in <i>Aquilaria malaccensis</i> Lamk P.I. : Dr. R.K Bora, /Duration : 5 years		9.996
	Total		143.536

Yours faithfully,

Sudhanshu Gupta,
ADG(RP)

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Copy to : ADG (M&E) for information

No.72(IX)09-ICFRE(R)/RP/IFGTB
Indian Council of Forestry Research & Education
(An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
P.O New Forest Dehradun 248006

Dated the 26th March, 2009

To,

The Director,
IFGTB,
PB No 1031, HPO-RS Puram,
Coimbatore-641 002

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG, ICFRE, for the internally funded projects stated below. Duration, name of the division and the respective budget is stated against the project title.

Sl no	Project Title PI / Duration	Name of the Division	Budget (Lacs)
1.	Development of macro and micropropagation techniques for <i>Melia dubia</i> for planting stock production PI- Rekha R. Warriar, Scientist – C/2 years	Plant Bio-technology	5.76
2.	Development of Agroforestry system with economically important medicinal plants under industrial tree species of <i>Casuarina</i> and <i>Eucalyptus</i> PI - Dr. K. Panneerselvam, Scientist – B/3 years	Forest Protection	14.06
3.	Development of methods for functional analysis of genes involved in salt tolerance in <i>Eucalyptus tereticornis</i> PI-Dr. N.V. Mathish, Scientist – D/5 years	Plant Biotechnology	30.93
4.	Development of eco-restoration model for potential regeneration areas in Western Ghats PI - Dr.C. Kunhikannan, Scientist-D/5 years	Biodiversity Division	15.12
5.	Selection, evaluation and identification of efficient bio-inoculants for quality seedling production of selected fast growing native tree species	Forest Protection	7.5

	PI - Dr. V. Mohan, Scientist-E/3 years		
6.	IPM for the key pests of <i>Ailanthus excelsa</i> , <i>Gmelina arborea</i> and <i>Dalbergia sissoo</i> in nurseries and in young plantations PI - R. Raja Rishi, Research Officer/3 years	Forest Protection	4.40
7.	Screening of high yielding clones and seed sources of <i>Eucalypts</i> spp. for gall insect pest, <i>Leptocybe invasa</i> Fisher & La Salle PI - Dr. A. Balu, Scientist – E/3 years	-	9.20
8.	Development of advanced generation seed orchard of <i>A. mangium</i> based on biomass and wood density PI - Dr. Maheswar Hegde, Scientist – C/5 years	Genetics & Tree Breeding	15.31
9.	Impact of continuous moisture on growth, seed production, wood characteristics and disease problems of canal Teak plantations in Tamil Nadu PI – Dr. K. Palanisamy, Scientist – E/3 years	-	10.95
10.	Enhancing rootability and planting stock production of selected high yielding <i>Eucalyptus</i> clones through Micro and Mini cutting technique PI - V.K.W. Bachpai, Scientist – B/3 years	Plant Biotechnology	6.44
11.	Screening for blister bark disease resistance in <i>Casuarina equisetifolia</i> clone PI - Dr. A. Karthikeyan, Scientist C/5 years	Forest Protection	16.61
12.	Identification of biochemical marker for salinity tolerance in <i>Casuarina equisetifolia</i> R. Ananthalakshmi, Scientist-C/3 years	Bio-prospecting	9.90
	TOTAL		146.18

Yours faithfully,

Sudhanshu Gupta,
ADG(RP)

Copy to : DDG (Admin.) for information and necessary action.

Copy to : ADG (M&E) for information

No.72(IX)09-ICFRE(R)/RP/FRI
 Indian Council of Forestry Research & Education
 (An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
 P.O New Forest Dehradun 248006

Dated the 25th March, 2009

To,

The Director,
 Forest Research Institute,
 PO New Forest,
 Dehradun- 248006

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG,ICFRE, for the internally funded projects stated below. Duration, name of the division and the respective budget is stated against the project title. The projects No- 1 and project No- 22 were approved by X-RPC-2009, calling for certain changes in the technical programme, the same has not been carried out in the revised projects submitted by FRI. In **Project No 1** ‘assessment of requirement of the species in the areas under the project’ has neither been added in the technical programme nor any changes, are reflected in the objectives. In **Project No 22** title of the project has been changed as “Qualitative and quantitative improvement of Flower, Seed and Oil yield of *Madhuca longifolia* var. *latifolia* (Roxb.) Chev (Mahua species) in Uttar Pradesh”. But objectives have not been framed for the phase II of this project for extension activities. Both the projects (1& 22) are approved by RPC, but their sanction is subject to **compliance** of the incorporation of the suggestions put forward by X-RPC.

S.No	Project Title /PI/Duration	Name of the Division	Budget (Rs in Lac)
1.	Propagation of hill bamboo through conventional and in vitro techniques / Dr Meena Bakshi/ 3 years	Botany Division	12.35*
2.	Studies on the development of eco-friendly, PPD free hair colorants”– Shri Rakesh Kumar/ 2 years	Chemistry Division	9.80
3.	Study of essential oils of Thymus serphyllum grown in different altitudinal locations at stages of harvesting / Dr. Pushpa Borai/ 2 years	Noon Wood Forest Products Division	4.10
4.	Biodeinking of waste paper Dr. Sanjay Naithani/ 3 years	Cellulose & Paper Division	6.734
5.	Strengthening of Timber Engineering Museum	Engineering	3.00

	/Shri. Rajesh Bhandari/ 1 year	Cell	
6.	Studies on bamboo joints for structural purposes /Shri Rajesh Bhandari / 3 years	Timber Engineering Discipline, Engineering Cell	8.65
7.	Development of Deodar (<i>Cedrus deodara</i>) and Kail (<i>Pinus wallichiana</i>) information System. /Shri Amit Asthana/ 3 years	Bioinformatics Centre & GIS Cell	20.072
8.	Selection and genetic evaluation of <i>Melia composita</i> (willd) /Dr. Ashok Kumar / 3years	Genetics & Tree Propagation Division	19.56
9.	Bioassay of plant extracts against major defoliators of Poplar and Shisham /Dr. K.P.Singh/ 3 years	Entomology Division	3.90
10.	Studies on performance of ZiBOC treated imported wood in different agro climatic conditions /Dr. Sadhana Tripathi/ 5 years	Forest Products Division	6.00
11.	Testing of Vegetative Multiplication Technique of <i>Microstylis wallichii</i> in its Natural Habitat /shri BP Tamta/ 4 years	Non Wood Forest Products Division	6.45 (50% of budget cost to be funded by UCOST and 50% by ICFRE) 3.225
12.	Development of clonal propagation technologies for mass production of planting material of a commercially important medicinal plant species- <i>Saraca asoka</i> /Dr Meena Bakshi/ 3 years	Botany Division	4.63
13.	Impact of Human Induced Disturbance on Regeneration and Population Structure of <i>Rhododendron arboretum</i> and <i>Myrica nagi</i> in Mid Hills of Gharwal Himalaya /Dr HB Vasistha / 5years	Forest Ecology & Environment Division	16.25
14.	Digitization and development of web based software databases system for pathology herbarium and national type culture collection of FRI, Dehradun /Shri Neelesh Yadav / 2 years	Bioinformatics & GIS Cell	8.5
15.	Development of Eco-friendly Substitutes for Nursery Poly bags and Study Their Effects on Plant Growth and Environment /Dr (Mrs) P Soni/ 3 years	Forest Ecology & Environment Division	5

16.	Development of artificial diet for Conservation and utilization of Preying mantids as bio control agents / Shri Lalji Prasad / (2 years)	Forest Entomology Division	2.25
17.	Variability studies on seed quality parameters and seed mycoflora of <i>Bauhinia purpurea</i> , <i>Bauhinia semla</i> and <i>Bauhinia variegata</i> for their <i>ex-situ</i> conservation / Ms Manisha Tapliyal / 4 years	Silviculture Division	10.85
18.	Studies on bending behaviour of glued laminates from finger jointed sections of commercial timbers / Dr Kishan Kumar / 3 years	Forest Product Division	4.16
19.	Study on Ecosystem goods & Services imparted by distinct Forest ecosystem in Mussoorie Forest Division. / Shri Ganga Singh / 3 years	Climate Change and Forest Influences Div.	13.90
20.	Enhancement of seed germination in <i>Anogeissus latifolia</i> through various seed technological inputs. / Dr Ombir Singh / 3 years	Silviculture Division	4.75
21.	Developing seed technology and propagation techniques for germplasm conservation of <i>buxus wallichiana</i> linn.,– an important alternative species for the woodcraft industry/ Ms Manisha Tapliyal / 3 years	Silviculture Division	11.002
22.	Qualitative and quantitative improvement of Flower, Seed and Oil yield of <i>Madhuca longifolia</i> var. <i>latifolia</i> (Roxb.) Chev (Mahua species) in Uttar Pradesh . / Mr B K Pandey / 3 years	CSFER, Allahabad	14.60*
23.	Studies on the effect number of coatings on Moisture Exclusion Effectiveness and gloss / Dr Kishan Kumar/ 3 years	Forest Products Division	7.22
	Total	200.503	

* Subject to **compliance** of the incorporation of the suggestions put forward by X- RPC **(Complied and both project 1 and project 22 approved vide letter of even number dated 23-04-2009)**

Yours faithfully,

Sudhanshu Gupta
ADG(RP)

Copy to : DDG (Admin.) for information and necessary action.
Copy to : ADG (M&E) for information

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Indian Council of Forestry Research & Education
(An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
P.O New Forest Dehradun 248006

Dated the 23rd April, 2009

To,

The Director,
Forest Research Institute,
PO New Forest,
Dehradun- 248006

Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.

Sir,

In continuation of X RPC follow up, I am directed to convey the approval of DG, ICFRE, for the internally funded revised project No-1 and project No-22. The Duration and budget has already been conveyed vide letter of even number dated 25th March, 2009, however the same is again conveyed along with corrected figure for project No-4 for your ready reference.

S.No	Project Title PI/Duration	Name of the Division	Budget (Lac)
1.	Propagation of hill bamboo through conventional and in vitro techniques /Dr Meena Bakshi/ 3 years	Botany Division	12.35
4.	Biodeinking of waste paper Dr. Sanjay Naithani/ 3 years	Cellulose & Paper Division	6.734
22.	Qualitative and quantitative improvement of Flower, Seed and Oil yield of <i>Madhuca longifolia</i> var. <i>latifolia</i> (Roxb.) Chev (Mahua species) in Uttar Pradesh . /Mr B K Pandey / 3 years	CSFER, Allahabad	14.60

Yours faithfully,

Sudhanshu Gupta,
ADG(RP)

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No.72(IX)09-ICFRE(R)/RP/AFRI
 Indian Council of Forestry Research & Education
 (An Autonomous Body of the Ministry of Environment & Forests, Govt. of India)
 P.O New Forest Dehradun 248006

Dated the 20th April, 2009

To,

The Director,
 Arid Forest Research Institute
 PO Krishi Mandi,
 Near New Capus, Bhagat Ki Kothi,
 Jodhpur

**Sub: Follow up Action of X RPC 2009 – Sanction accorded reg.
 Reference: No.72 (IX) 09-ICFRE(R)/RP/AFRI dated 25-03-2009**

Sir,

In continuation of X RPC follow up, based on your Email dated 6th/8th April, 2009, I am directed to convey that DG, ICFRE has disallowed existence of Co-PI, Dr Sarita Arya, in the project “Development of tissue culture technology for multiplication of economically important desert plant- *Salvadora persica*”. **Director, AFRI may kindly ensure that Project Proposal is suitably amended and compliance reported.** The approval of internally funded projects is stated below. Duration and the respective budget is stated against the project title.

Sl. No.	Project Title	Name of the PI/Duration	Budget (Lac)	Remarks
1.	Development of tissue culture technology for multiplication of economically important desert plant- <i>Salvadora persica</i>	PI - Dr. I.D. Arya/ 5 Years	Rs. 9.8	Approved, No need of Co-PI in this project
2.	Evaluation of antifungal potential and Identification of broad spectrum fungicidal compound from some trees of arid region of Rajasthan	PI - Ms. Bhawana Sharma/ 5 Years	Rs. 9.00	Approved
3.	Investigations on Genetic Variation and Inheritance of Western Indian teak (<i>Tectona grandis</i> L.f)	PI - Sh. P.H. Chawhan/ 5 Years	Rs. 20.71	Approved
Total			Rs. 39.51	

DG, ICFRE has further directed to exclude the Project No 4, “*Growth studies on teak forests & plantations in Gujarat for their sustainable management*”, from **internal funding** and the same has been approved for **external funding** from Gujarat Forest Department for 12.2 Lac. Pursuance of the externally funded project MOU etc, can be followed through ADG (PF)

Yours faithfully,

Sudhanshu Gupta,
 ADG(RP)

Copy to: DDG (Admin.) for information and necessary action.
 Copy to: ADG (M&E) for information