



Uttarakhand State Council for Science & Technology

Department of Science & Technology, Govt. of Uttarakhand

VIGYAN DHAM, Jhara Dehradun Uttarakhand

Website : www.ucost.in

मैनुअल संख्या –1

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी
परिषद, की विशिष्टियाँ, कृत्य और कर्तव्य

[धारा 4(1) (ख) (i)]

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद, की विशिष्टियाँ, कृत्य और कर्तव्य

सामान्य व प्रमुख विशेषताएं :

1. राज्य शासन को विभिन्न वैज्ञानिक एवं प्रौद्योगिकी विषयों पर तकनीकी परामर्श प्रदान करना।
2. समाज के आर्थिक एवं सामाजिक उत्थान हेतु विज्ञान एवं प्रौद्योगिकी के अधिक से अधिक उपयोग के क्षेत्रों का चिहांकन करने एवं क्रियान्वयन करने की दिशा में निरंतर प्रयास करना।
3. राज्य शासन द्वारा परिषद् को विज्ञान एवं प्रौद्योगिकी गतिविधियों के लिए नोडल एजेंसी घोषित किया गया है।

दायित्व

उत्तराखण्ड विज्ञान एवं प्रौद्योगिकी परिषद का दायित्व जनसाधारण में विज्ञान का प्रचार-प्रसार तथा विज्ञान एवं प्रौद्योगिकी के माध्यम से समाज के सामाजिक एवं आर्थिक स्तर का विकास किया जाना है। इस उद्देश्य की पूर्ति हेतु सन् 1958 में संसद द्वारा अनुमोदित वैज्ञानिक नीति तथा वर्ष 1981 में बेंगलूर में आयोजित विज्ञान एवं प्रौद्योगिकी परिषदों की स्थापना हेतु कार्यशाला में की गई अनुशंसाओं एवं राज्य की आवश्यकताओं को ध्यान में रखते हुए अन्य राज्यों की भांति अगस्त 2005 में उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद क्रियाशील की गयी। इस परिषद के उद्देश्य निम्नलिखित हैं :-

1. राज्य के गरीब एवं पिछड़े कृषक, भूमिहीन कृषक, छोटे कृषक, छोटे कामगार एवं अनुसूचित जाति/जनजाति, महिलाओं के आर्थिक एवं सामाजिक उत्थान के लिये विशेषकर ग्रामीण क्षेत्रों में गरीबी दूर करने के लिए विज्ञान एवं प्रौद्योगिकी के क्षेत्रों की पहचान करना तथा उनके विकास के लिये उनका उपयोग करना।
2. सामाजिक एवं आर्थिक उद्देश्यों की पूर्ति के लिये शासन की नीतियों एवं उनके परिपालन हेतु उठाये जाने वाले आवश्यक कदमों के लिये विज्ञान एवं प्रौद्योगिकी के उपयोग के बारे में शासन को सलाह देना।
3. राज्य के प्राकृतिक संसाधनों के समन्वित विकास के लिये अनुसंधान एवं प्रदर्शन तथा विकासीय योजनाओं, कार्यक्रमों की पहल, प्रायोजन एवं समन्वय करना।
4. विकास को बढ़ावा देने हेतु विज्ञान एवं प्रौद्योगिकी की आवश्यकतानुसार प्रयोगशालायें स्थापित करना अथवा उनकी स्थापना हेतु सहायता देना।
5. पुस्तकालय एवं प्रलेखन केंद्र की स्थापना एवं संचालन करना।
6. राज्य के लिये विज्ञान एवं प्रौद्योगिकी की अन्य संस्थाओं से प्राप्त होने वाली योजनाओं का अनुमोदन, योजनायें तैयार करना एवं उनकी तैयारी हेतु अनुदान, ऋण एवं विशेषज्ञों को सहायता प्रदान करना।
7. विज्ञान को लोकप्रिय बनाने के लिये जन सामान्य में वैज्ञानिक दृष्टिकोण का प्रचार एवं प्रसार तथा संगोष्ठियों आदि का आयोजन करना।
8. राज्य शासन द्वारा परिचालित तकनीकी प्रयासों में परिपूरक बनना।
9. समान उद्देश्य की राष्ट्रीय एवं राज्य स्तरीय विज्ञान एवं प्रौद्योगिकी संस्थाओं के साथ परस्पर कार्य करना।
10. राज्य की समस्याओं के निराकरण के लिये उपयुक्त प्रौद्योगिकी से संबंधित कार्यवाही करना तथा विज्ञान एवं प्रौद्योगिकी की शिक्षा को बढ़ावा देना।
11. विज्ञान एवं प्रौद्योगिकी के क्षेत्र में उल्लेखनीय अनुसंधान एवं विकास कार्यो को पुरस्कृत करना।
12. सामान्यतः समस्त ऐसे उपाय करना, जिससे विज्ञान एवं प्रौद्योगिकी के उपयोग से उत्तराखण्ड राज्य का आधुनिकीकरण तीव्रता से हो सके।

मैनुअल संख्या –2

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी
परिषद, के अधिकारियों एवं कर्मचारियों की
शक्तियां और कर्तव्य

[धारा 4(1) (ख) (ii)]

अधिकारियों और कर्मचारियों की शक्तियों और कर्तव्य

परिषद अगस्त, 2005 से क्रियाशील हुई है, वर्तमान में परिषद की कार्यकारी समिति द्वारा महानिदेशक को प्रदत्त अन्तिम अधिकारों से ही दैनिक कार्य सम्पादित होते हैं। शक्तियों एवं कर्तव्यों का अभी निर्धारण किया जाना है।

मैनुअल संख्या –3

लोक प्राधिकारी अथवा उसके कर्मियों द्वारा अपने कृत्यों के निर्वहन के लिये धारित तथा प्रयोग किये जाने वाले नियम, विनियम, अनुदेश, निर्देशिका और अभिलेख की सूचना

[धारा 4(1) (ख) (iii)]

लोक प्राधिकारी अथवा उसके कर्मियों द्वारा अपने कृत्यों के निर्वहन के लिये धारित तथा प्रयोग किये जाने वाले नियम, विनियम, अनुदेश, निर्देशिका और अभिलेख की सूचना

परिषद की सेवा नियमावली बन चुकी है जो कि सामान्य निकाय से स्वीकृत होकर प्रख्यापित होने के पश्चात लागू की जायेगी।

मैनुअल संख्या -4

नीति बनाने या उसके कार्यान्वयन के सम्बन्ध में जनता के सदस्यों से परामर्श के लिये या उनके प्रतिनिधित्व के लिये विद्यमान व्यवस्था के सम्बन्ध में सूचना

[धारा 4(1) (ख) (iv)]

नीति बनाने या उसके कार्यान्वयन के सम्बन्ध में जनता के सदस्यों से परामर्श के लिये या उनके प्रतिनिधित्व के लिये विद्यमान व्यवस्था के सम्बन्ध में सूचना

उक्त हेतु परिषद को कार्यकारी समिति एवं सामान्य सभा गठित है। जिसका विवरण निम्नवत है :-

सामान्य निकाय (General Body)

1. मा0 मुख्यमंत्री, उत्तराखण्ड — अध्यक्ष
2. मा0 मंत्री, विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड — उपाध्यक्ष
3. मुख्य सचिव, उत्तराखण्ड शासन — सदस्य
4. प्रमुख सचिव/सचिव, वन एवं ग्राम्य विकास, उत्तराखण्ड शासन — सदस्य
5. प्रमुख सचिव/सचिव, शिक्षा विभाग, उत्तराखण्ड शासन — सदस्य
6. प्रमुख सचिव/सचिव, वित्त विभाग, उत्तराखण्ड शासन — सदस्य
7. प्रमुख सचिव/सचिव, औद्योगिकी विकास विभाग, उत्तराखण्ड शासन — सदस्य
8. प्रमुख सचिव/सचिव, विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड शासन — सदस्य सचिव
9. वैज्ञानिक संकाय के पांच प्रतिनिधि, जिन्हे विज्ञान एवं प्रौद्योगिकी विभाग से सम्बन्धित मुद्दों की जानकारी हो। — सदस्य
10. महानिदेशक, उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद, देहरादून — सदस्य
11. राज्य सरकार द्वारा स्थापित विष्वविद्यालयों के दो प्रतिनिधि, — सदस्य
12. वैज्ञानिक एवं औद्योगिक अनुसंधान परिषद, नई दिल्ली के एक प्रतिनिधि — सदस्य
13. भारतीय कृषि अनुसंधान परिषद, नई दिल्ली के एक प्रतिनिधि — सदस्य
14. राज्य में स्थित उद्योगों के दो प्रतिनिधि — सदस्य
15. उत्तराखण्ड में स्थित विभिन्न केन्द्रीय संस्थानों के पांच प्रतिनिधि — सदस्य
16. विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार, नई दिल्ली के एक प्रतिनिधि — सदस्य

कार्यकारी समिति (Executive Committee)

1. प्रमुख सचिव/सचिव, विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड शासन — अध्यक्ष
2. प्रमुख सचिव/सचिव, वित्त विभाग, उत्तराखण्ड शासन — सदस्य
3. प्रमुख सचिव/सचिव, कृषि विभाग, उत्तराखण्ड शासन — सदस्य
4. प्रमुख सचिव/सचिव, नियोजन विभाग, उत्तराखण्ड शासन — सदस्य
5. प्रमुख सचिव/सचिव, औद्योगिक विकास विभाग, उत्तराखण्ड शासन — सदस्य
6. सलाहकार, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार, नई दिल्ली — सदस्य
7. प्रो. ए.एन. पुरोहित, भूतपूर्व कुलपति, एच.एन.बी. गढ़वाल विष्वविद्यालय, श्रीनगर — सदस्य

8. डा. बी.आर. अरोड़ा, भूतपूर्व निदेशक, वाडिया हिमालय भू विज्ञान संस्थान – सदस्य
देहरादून।
9. अपर सचिव, विज्ञान एवं प्रौद्योगिकी विभाग, उत्तराखण्ड शासन – सदस्य
10. महानिदेशक, उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद, देहरादून – सदस्य सचिव

उक्त कार्यकारी समिति विज्ञान एवं प्रौद्योगिकी परिषद, उत्तराखण्ड की गठित नियमावली के अधीन कार्यरत होगी जिसका कार्यकाल 04 वर्ष के लिए निर्धारित किया जाता है। कार्यकारी समिति में अन्य सदस्यों को अध्यक्ष, सामान्य निकाय द्वारा समय-समय पर नामित किया जायेगा।

मैनुअल संख्या –5

दस्तावेजों, जो लोक प्राधिकारी द्वारा धारित या उसके नियंत्रणाधीन हैं, श्रेणियों (categories) के अनुसार विवरण

[धारा 4(1) (ख) (v)]

दस्तावेजों, जो लोक प्राधिकारी द्वारा धारित या उसके नियंत्रणाधीन हैं, श्रेणियों (categories) के अनुसार विवरण

दस्तावेज

(क) नीतिगत विशेषताएं

1. अन्वेषी प्रवृत्ति को बढ़ावा देना।
2. संस्थाओं को एक साथ जोड़ना।
3. विभिन्न मंत्रालयों के मध्य समन्वय।
4. उद्योग तथा शैक्षणिक जगत के मध्य सहयोग।
5. विज्ञान एवं प्रौद्योगिकी के क्षेत्र में मानव संसाधन का विकास।
6. प्रौद्योगिकी आधारित व्यापार को प्रोत्साहन।
7. आधारी एवं अनुप्रयुक्त विज्ञान के विकास हेतु प्रोत्साहन।

(ख) कार्य योजनाएं:

निम्नलिखित पांच प्रमुख क्षेत्रों में राज्य में विज्ञान तथा प्रौद्योगिकी को बढ़ावा देने तथा उसे सुदृढ़ करने हेतु परिषद द्वारा विभिन्न कार्य योजनाएं सुचारु रूप से चलाने का निर्णय लिया गया है:

1. शोध एवं विकास, प्रदर्शन एवं विस्तार।
2. विज्ञान लोकव्यापीकरण तथा साइंस सिटी की स्थापना।
3. हिमालयी व्यवस्था विज्ञान।
4. विज्ञान समाज के लिए, महिलाओं एवं कमजोर वर्गों के लिए।
5. उद्यमिता विकास एवं प्रौद्योगिकी हस्तांतरण।

1. शोध एवं विकास, प्रदर्शन एवं विस्तार

उत्तराखण्ड राज्य विज्ञान एवं प्रौद्योगिकी परिषद, देहरादून विभिन्न क्षेत्रों में शोध एवं विकास को बढ़ावा देने के उद्देश्य से विभिन्न कार्यक्रमों को प्रायोजित कर रहा है और इच्छुक समूहों द्वारा रचनात्मक क्रियाकलापों के लिये मंच प्रदान करेगा।

राज्य स्तरीय विज्ञान कांग्रेस : परिषद प्रत्येक वर्ष उत्तराखण्ड राज्य विज्ञान कांग्रेस का आयोजन करता है। इस कार्यक्रम के द्वारा चालीस वर्ष तक की आयु के उन वैज्ञानिकों को अपने शोध कार्यों तथा उपलब्धियों को प्रस्तुत करने के लिये एक ऐसा मंच मिलता है जहां वे आपस में विचार-विमर्श कर भविष्य की योजनाएं भी बनाते हैं। ये वैज्ञानिक उत्तराखण्ड की विभिन्न शोध संस्थाओं, विश्वविद्यालयों, महाविद्यालयों तथा अन्य संस्थाओं में कार्यरत होते हैं। चालीस वर्ष से अधिक की आयु के वैज्ञानिकों को अपनी शोध उपलब्धियों को प्रस्तुत करने का अवसर दिया जाता है। विज्ञान कांग्रेस में विज्ञान तथा प्रौद्योगिकी के विभिन्न विषयों यथा खनिज अभियांत्रिकी, यांत्रिक अभियांत्रिकी, सिविल अभियांत्रिकी, रोबोटिक्स तथा निर्माण भूविज्ञान-भौतिक एवं रासायनिक विज्ञान (संहनित द्रव्य भौतिकी तथा पदार्थ विज्ञान प्लाज्मा भौतिकी, उच्च ऊर्जा भौतिकी, नाभिकीय भौतिकी, खगोल विज्ञान तथा खगोल भौतिकी, गतिक विज्ञान, लेजर, आप्टिक्स, परमाणु तथा अणु भौतिकी) जीव विज्ञान तथा आर्युविज्ञान एवं कृषि विज्ञान (पशु विज्ञान, जैव रासायनिकी, सूक्ष्म जीव विज्ञान, कोशिका, अणु जीव विज्ञान तथा जैव भौतिकी, आर्युविज्ञान, पादप विज्ञान) पर शोध पत्र आमन्त्रित किये जाते हैं, जिसमें गृहविज्ञान भी सम्मिलित है।

विज्ञान कांग्रेस में प्रस्तुत सभी शोध पत्रों का आंकलन प्रसिद्ध विशेषज्ञों द्वारा किया जाता है और सबसे अच्छे शोध पत्र को राज्यस्तरीय पुरस्कार प्रदान किया जाता है। पुरस्कृत वैज्ञानिकों को अपने शोधकार्य को आगे बढ़ाने के लिये

राष्ट्रीय प्रयोगशालाओं में भेजने का प्रयास भी किया जाता है, यदि उन्हें राष्ट्रीय प्रयोगशालाओं में कार्य करने का अवसर मिल सके तो इससे उनके शोध कार्य को राष्ट्रीय स्तर पर प्रचार-प्रसार का अवसर मिलता है।

विज्ञान कांग्रेस में शोध पत्रों के विस्तृत सारांश जमा करने के लिये परिषद् विज्ञापन प्रकाशित करता है। सामान्यतः विस्तृत सारांश प्रत्येक वर्ष 31 दिसम्बर तक राज्य विज्ञान कांग्रेस, उत्तराखण्ड राज्य विज्ञान तथा प्रौद्योगिकी परिषद् के इंचार्ज को भेजना होता है। विस्तृत सारांश या पूरे शोध पत्र की इलैक्ट्रॉनिक कॉपी भेजनी होती है। परिषद् विज्ञान कांग्रेस में भाग लेने वाले प्रतिभागियों के ठहरने, खाने तथा यात्रा भत्ता इत्यादि को भी वहन करता है।

सेमिनार/संगोष्ठी/अधिवेशन/कार्यशाला: इस योजना के अर्न्तगत उत्तराखण्ड में स्थित विभिन्न शैक्षणिक तथा शोध संस्थाओं एवं स्वयंसेवी संस्थाओं को विज्ञान तथा प्रौद्योगिकी के विभिन्न मुद्दों पर गोष्ठी इत्यादि आयोजित करने के लिये आर्थिक सहायता प्रदान की जाती है। ऐसी गोष्ठियों इत्यादि में उभरते हुये शोधकर्त्ताओं को राष्ट्रीय तथा अन्तर्राष्ट्रीय स्तर पर प्रसिद्धी प्राप्त कर चुके विशेषज्ञ वैज्ञानिकों के साथ अपनी शोध गतिविधियों तथा उपलब्धियों पर विचारों के आदान-प्रदान का अवसर प्राप्त होता है।

यात्रा अनुदान: शोधकर्त्ताओं तथा वैज्ञानिकों को राष्ट्रीय तथा अन्तर्राष्ट्रीय स्तर पर आयोजित होने वाली वैज्ञानिक कार्यशालाओं इत्यादि में सम्मिलित होने के लिये परिषद् द्वारा यात्रा अनुदान भी दिया जाता है। यात्रा का पूरा या आधा खर्च इस योजना के अर्न्तगत राज्य के शोधकर्त्ताओं तथा वैज्ञानिकों को दिये जाने की व्यवस्था है। अन्तर्राष्ट्रीय स्तर की संगोष्ठियों में शोध पत्र या पोस्टर प्रस्तुत करने के लिये भी यात्रा अनुदान दिया जाता है।

समन्वयक इकाईयों की स्थापना तथा उनका सबलीकरण: परिषद् का यह उद्देश्य है कि विज्ञान तथा प्रौद्योगिकी के विकास हेतु केन्द्रीय तथा राज्य सरकारों, स्वयंसेवी संस्थाओं, शोध संस्थाओं, शैक्षणिक संस्थाओं तथा उद्योग जगत के बीच परस्पर सहयोग को बढ़ावा दिया जाए। इसके लिये परिषद् विभिन्न संस्थाओं में समन्वयक इकाईयों की स्थापना करने का कार्य कर रहा है।

युवा वैज्ञानिक प्रशिक्षण कार्यक्रम: विज्ञान कांग्रेस में चालीस वर्ष तक की आयु के पुरस्कृत शोधकर्त्ता या किसी अन्य उत्कृष्ट शोधकर्त्ता को राष्ट्रीय प्रयोगशालाओं में शोध कार्य को आगे बढ़ाने के लिये परिषद् आर्थिक सहायता देगा।

उत्कृष्ट केन्द्रों की स्थापना तथा ग्रीष्म कालीन स्कूल: परिषद् राज्य में विद्यमान उन विश्वविद्यालयों तथा संस्थाओं की पहचान करेगा जहां तकनीकी एवं आर्थिक मदद देने से शोध कार्य हेतु विश्वस्तरीय सुविधाएं तथा तकनीकों का विकास किया जा सके। इससे उस संस्था में विद्यमान सुविधाओं तथा शोध एवं विकास की सेवाओं में न केवल उत्कृष्टता आयेगी बल्कि ऐसी संस्थाओं को राष्ट्रीय तथा अन्तर्राष्ट्रीय स्तर पर पहचान भी मिलेगी और वे प्रतिभाओं तथा आर्थिक मदद को आकर्षित करने में भी सफल होंगे। परिषद् विज्ञान तथा प्रौद्योगिकी के क्षेत्र में उत्कृष्ट केन्द्रों को स्थापित करने के लिये जो कार्यक्रम चला रही है, उसमें विभिन्न विषयों में ग्रीष्मकालीन स्कूलों के आयोजन से भी काफी सहायता मिलने की उम्मीद है।

विज्ञान तथा प्रौद्योगिकी विकास अध्ययन: इस योजना के अर्न्तगत राज्य में चल रही विभिन्न शोध एवं विकास की गतिविधियों का विश्लेषण किया जायेगा, जिससे कि विकास सम्बन्धी भविष्य की योजनाएं बनाने में सहायता मिलेगी।

नये क्षेत्रों की पहचान: विज्ञान तथा प्रौद्योगिकी को राज्य में और अधिक सबल बनाने तथा उसे विकसित करने के लिये परिषद् प्रशासनिक अधिकारियों, प्रौद्योगिकीविदों तथा स्वयंसेवी संस्थाओं के एक कार्यदल का गठन करेगी, जिससे कि शोध एवं विकास के लिये नये क्षेत्रों की पहचान की जा सके।

सेवानिवृत्त वैज्ञानिक कार्यक्रम: सेवानिवृत्त वैज्ञानिकों के अनुभव तथा विशेषज्ञता का लाभ उठाने के लिये परिषद् उनके द्वारा विभिन्न क्षेत्रों में प्रारम्भ की गयी परियोजनाओं तथा कार्यों को न केवल आर्थिक रूप से सहायता करेगा बल्कि उन्हें हर ढंग से मदद करेगा।

अन्वेषी प्रवृत्ति को बढ़ावा देने का कार्यक्रम: स्थानीय आवश्यकताओं को ध्यान में रखते हुये व्यक्तियों तथा संस्थाओं द्वारा तृणमूल स्तर पर लोगों की पहचान की जायेगी और उनके अन्वेषण/जुगाड़ तथा उनकी प्रतिभा को विकसित करने के लिये हर सम्भव प्रयास तथा सहायता प्रदान की जायेगी।

2. विज्ञान लोकव्यापीकरण

उत्तराखण्ड के निवासियों, विशेष रूप से युवा वर्ग में विज्ञान लोकव्यापीकरण द्वारा वैज्ञानिक दृष्टिकोण विकसित करने के लिये परिषद् द्वारा विज्ञान लोकव्यापीकरण के विभिन्न कार्यक्रम चलाये जा रहें हैं।

साइंस सिटी तथा तारामंडल की स्थापना : उत्तराखण्ड के निवासियों विशेष रूप से स्कूली बच्चों के लिये उत्तराखण्ड में एक अत्याधुनिक साइंस सिटी तथा तारामंडल की स्थापना करने का कार्य परिषद् द्वारा प्रस्तावित है। इनकी सहायता से स्कूली बच्चे प्रकृति में छिपी वैज्ञानिक प्रवृत्तियों के साथ-साथ वैज्ञानिक सिद्धान्तों से भी आसानी से परिचित हो सकेंगे, जो काम पाठ्य पुस्तकें और कक्षा में दिये गये लेक्चर उतनी आसानी से नहीं कर पाते।

लोकप्रिय व्याख्यान श्रंखला : राज्य में वैज्ञानिक मानसिकता को उत्प्रेरित करने के लिये प्रसिद्ध वैज्ञानिकों को विज्ञान तथा आधुनिक प्रौद्योगिकी से जुड़े विशेष मुद्दों पर लोकप्रिय व्याख्यान देने के लिये आमन्त्रित किया जाता है।

पुस्तकालय-सह-प्रलेखन केन्द्र :राज्य में एक ऐसे पुस्तकालय तथा प्रलेखन केन्द्र की स्थापना हेतु परिषद् प्रयत्नशील है, जिसके माध्यम से राज्य में विभिन्न विषयों में शोध कार्य कर रहे शिक्षाविदों तथा वैज्ञानिकों को आवश्यक सूचना प्राप्त हो सके। ऐसे पुस्तकालय में विज्ञान के संदर्भ ग्रन्थ, शोध पत्रिकाएं, विज्ञान पत्रिकाएं तथा रिपोर्ट इत्यादि उपलब्ध हो सकेंगे।

प्रकाशन : विज्ञान तथा प्रौद्योगिकी के विभिन्न क्षेत्रों में आधुनिक ज्ञान को लोगों तक पहुंचाने के लिये परिषद् राष्ट्रीय तथा अन्तर्राष्ट्रीय शोध पत्रिकाओं में उच्चकोटि के शोध पत्रों के प्रकाशन, शैक्षणिक पुस्तकों के प्रकाशन, तथा स्थानीय स्तर पर उपलब्ध विज्ञान तथा प्रौद्योगिकी के साहित्य के अनुवाद तथा प्रकाशन की व्यवस्था भी करेगा।

जनसम्पर्क तथा सूचना : परिषद् विज्ञान लोकप्रियकरण हेतु प्रदर्शनी, विज्ञान मेला तथा वैज्ञानिकों द्वारा आम जन के बीच जाकर आपसी संवाद करने जैसी योजनाओं को भी चला रहा है, जिसमें दृश्य तथा श्रवण मीडिया का भी उपयोग किया जा रहा है।

विज्ञान शिक्षा तथा प्रसार समय-समय पर विभिन्न घटनाओं से सम्बन्धित जानकारी देने के लिये परिषद् कार्यशाला तथा प्रशिक्षण कार्यक्रमों का आयोजन भी करेगा, जिसमें गणित आलंपियाड भी शामिल है।

कार्यक्रम केलेण्डर प्रतिवर्ष राष्ट्रीय विज्ञान दिवस तथा अन्य ऐसे अन्तर्राष्ट्रीय तथा राष्ट्रीय अवसरों पर परिषद् द्वारा स्थापित विज्ञान प्रसार केन्द्रों द्वारा विभिन्न कार्यक्रम आयोजित किये जायेंगे।

विज्ञान लोकप्रियकरण कार्यक्रम परिषद् ऐसे सभी कार्यक्रमों को आयोजित करेगा और उनमें हिस्सेदारी भी करेगा, जो विज्ञान लोकप्रियकरण में सहायक होंगी, जैसे राज्यस्तरीय आविष्कार प्रदर्शनी, राष्ट्रीय विज्ञान सेमीनार, विज्ञान मेला, राज्यस्तरीय विज्ञान प्रदर्शनी तथा बाल विज्ञान कांग्रेस इत्यादि।

उत्तराखण्ड साइंस फोरम परिषद् उत्तराखण्ड साइंस फोरम के गठन हेतु सभी सम्भव सुविधाएं तथा सहायता प्रदान करेगा। उत्तराखण्ड साइंस फोरम में विभिन्न शोध संस्थाओं के विचारवान व्यक्तियों, शैक्षणिक संस्थाओं के बुद्धिजीवियों इत्यादि को सम्मिलित किया जाएगा। साइंस फोरम की विभिन्न गतिविधियों को आगे बढ़ाने और उन्हें विकसित करने के लिये कोर पैनल द्वारा निर्णय लिया जायेगा।

राज्यस्तरीय पुरस्कार विज्ञान तथा प्रौद्योगिकी के क्षेत्र में उत्कृष्ट शोध कार्य करने वाले वैज्ञानिकों को राज्यस्तरीय पुरस्कार प्रदान किया जायेगा। यह पुरस्कार नकद तथा प्रशस्ति-पत्र के रूप में होगा। पुरस्कार पाने वाले को उत्तराखण्ड में ही स्थित संस्था में शोध कार्य करना सामान्यतः आवश्यक होगा। इस प्रकार के पुरस्कार स्कूल के अध्यापकों, माध्यमिक स्तर के छात्रों तथा तृणमूल आविष्कारों को भी विज्ञान तथा प्रौद्योगिकी के क्षेत्र में उनके द्वारा किये गये विशिष्ट योगदान हेतु दिया जायेगा।

3. हिमालय व्यवस्था विज्ञान

उत्तराखण्ड राज्य की स्थलाकृति के अर्न्तगत उच्च स्थलों की पारिस्थितिकी, तराई कृषि व्यवस्था, हिमनद, चारागाह, जैव विविधता तथा ताल इत्यादि विशेष महत्व रखते हैं तथा इनके संरक्षण तथा विकास की ओर तत्काल ध्यान देने की आवश्यकता है। इन मुद्दों से सम्बन्धित शोध कार्यों को परिषद् द्वारा हर सम्भव सहायता दी जायेगी, इसके लिये निम्नलिखित कार्यक्रम निर्धारित किये गये हैं—

प्राकृतिक संसाधन व्यवस्थापन

जैव-विविधता:— हिमालय परिस्थितिकीय तंत्र में विद्यमान विभिन्न वनस्पतिगत तथा प्राणीजगत जैव विविधता के संरक्षण हेतु प्राथमिकता के आधार पर शोध कार्य किया जाना है तथा इनके सम्बन्ध में पूरी जानकारी सूचीबद्ध की जानी है।

औषधीय एवं सुगंध वनस्पतियों का संरक्षण

हिमनद तथा तालों का संरक्षण:— इस योजना के अर्न्तगत प्राकृतिक सम्पदा तथा पर्यावरण सम्बन्धी अध्ययन पर जोर दिया जायेगा, जिसमें भूगर्भिक आपदाएं, हिमनदों का पीछे की ओर खिसकना, हिमनद ढाल स्थायित्व तथा नदियों एवं तालों का अध्ययन शामिल है।

अन्य अध्ययन:— इसके अर्न्तगत निम्नलिखित को सम्मिलित किया जायेगा—विवर्तनिक भौतिकी—हिमालय का उद्भव—भूकंपनीयता—भूस्खलन—स्थलमण्डलीय अध्ययन, जैव स्तरकी, ट्रांस हिमालय क्षेत्र में भूपरपटी का उद्भव, मानसून—वायुमण्डल प्रक्षोभ, वायुमण्डल, जलवायु, जलमण्डल तथा हिमनदन प्रक्रियाओं के मध्य सम्बन्ध, भूमण्डलीय प्रक्रियाएं, कुमाऊँ व्यवस्था—भू-आपदाएं। भूरासायनिक अवरोध, भूजनित प्रदूषण का अध्ययन।

4. विज्ञान एवं समाज कार्यक्रम—महिलाओं तथा कमजोर वर्गों के लिये

समाज में महिलाओं, कमजोर वर्गों, अनुसूचित जाति, जनजाति एवं ग्रामीण वर्गों के लिये विज्ञान एवं प्रौद्योगिकी के निवेश द्वारा उनके सामाजिक एवं आर्थिक जीवन स्तर का उन्नयन करना तथा उन्हें आय के अधिक अवसर प्रदान करने सहित उनके जीवन की निरसता एवं कठोरता को आसान करते हुए उनके जीवन स्तर में उन्हें बेहतर स्वास्थ्य, चिकित्सा सेवा, पोषण, स्वच्छता एवं शुद्ध पर्यावरण सुविधा प्रदान करना इस योजना का मुख्य उद्देश्य है। समाज में वैज्ञानिक दृष्टिकोण के साथ-साथ विज्ञान शिक्षा को प्रोत्साहित करना भी इस योजना में निहित है।

5. उद्यमिता विकास कार्यक्रम

उच्च तकनीक के प्रयोग के माध्यम से अन्वेषी प्रवृत्ति को विकसित करने के कार्यक्रम परिषद् द्वारा चलाये जायेंगे व चलाये जा रहे हैं। जिससे उत्तराखण्ड की आवश्यकताओं को पूरा करने के लिये नयी तकनीकों का इस्तेमाल करते हुये उनका विकास भी किया जा सके।

प्रौद्योगिकी प्रबंधन विश्व व्यापार संगठन की शर्तों के मुताबिक भारत में औद्योगिक विकास के लिये आधुनिक तकनीक के इस्तेमाल, व्यापार की नयी अवधारणाओं का उपयोग और उनका व्यवस्थापन करते हुये विभिन्न उत्पादों की गुणवत्ता में वृद्धि कर विश्व स्तर की प्रतियोगी परिदृश्य से मुकाबला करने के लिये परिषद् द्वारा औद्योगिक जगत् से सम्बन्धित मुद्दों के विषय में लोगों को जानकारी देने तथा विभिन्न गतिविधियों को बढ़ावा देने के लिये प्रशिक्षण कार्यक्रम आयोजित किये जाते हैं।

नयी अवधारणाओं का उपयोग और उनका व्यवस्थापन करते हुए विभिन्न उत्पादों की गुणवत्ता में वृद्धि कर विश्व स्तर की प्रतियोगी परिदृश्य से मुकाबला करने के लिये परिषद् द्वारा औद्योगिक जगत् से सम्बन्धित मुद्दों के विषय में लोगों को जानकारी देने तथा विभिन्न गतिविधियों को बढ़ावा देने के लिये प्रशिक्षण कार्यक्रम आयोजित किये जाते हैं।

बौद्धिक सम्पदा अधिकार प्रबन्ध इस कार्यक्रम के अर्न्तगत लोगों में बौद्धिक सम्पदा अधिकारों के विषय में जागरूकता लायी जाती है। विश्वविद्यालयों, उद्योगों, सरकारी शोध संस्थाओं को इससे अपनी बौद्धिक सम्पदा का पेटेण्ट हासिल करने में सहायता मिलती है। इस सम्बन्ध में पेटेण्ट सूचना का समय-समय पर विश्लेषण किया जाता है और पेटेण्ट हेतु नये आविष्कारों के सम्बन्ध में दिशा-निर्देश तथा सुझाव भी दिये जाते हैं।

प्रौद्योगिकी विकास कार्यक्रम नैनो टेक्नोलॉजी, अनुवांशिकी अभियांत्रिकी, उच्च तकनीक आधारित जलीय जैव विकास, रेशम कीट पालन इत्यादि जैसे नवीन उभरते हुये क्षेत्रों को विकसित करने के लिये परिषद् वित्तीय संस्थाओं द्वारा शोध कार्य हेतु धन उपलब्ध कराने के साथ-साथ शोध कार्य हेतु बिचौलिये की भूमिका का निर्वहन भी करती है।

प्रौद्योगिकी हस्तांतरण: लघु उद्योगों को बढ़ावा देने के लिये प्रौद्योगिकी के उच्चीकरण एवं हस्तांतरण हेतु राष्ट्रीय शोध संस्थाओं के साथ समन्वय तथा सहयोग करने की नीति पर परिषद् कार्य करेगा।

प्रौद्योगिकी का व्यापीकरण :उत्तराखण्ड की आर्थिक प्रगति को त्वरित करने के लिये परिषद् उन क्षेत्रों में प्रौद्योगिकी के व्यापारीकरण पर जोर देगा, जहां के उत्पाद जल्दी खराब हो जाते हैं। इस कार्य हेतु उत्तराखण्ड की विभिन्न संस्थाओं को परिषद् नई तकनीक तथा सुविधाओं को मुहैया कराने में पूरी सहायता करेगा।

प्रौद्योगिकी संसाधन केन्द्र तथा ग्रामीण तकनीक मिशन की स्थापना :इस परियोजना के अर्न्तगत परिषद् स्थानीय स्तर पर उपलब्ध प्राकृतिक संसाधनों के दोहन के लिये प्रयुक्त की जा रही तकनीकों के विकास तथा उच्चीकरण का कार्य करेगा। अभी इस परियोजना को सभी 13 जिलों में प्रारम्भ किया जा चुका है और जल्द ही इसे ब्लॉक स्तर पर ले आया जायेगा। इन केन्द्रों में पारम्परिक अनुभव तथा ज्ञान के साथ-साथ आधुनिक तकनीक तथा विज्ञान का उपयोग कर लोगों को लाभ पहुंचाया जायेगा।

(विवरण मैनुअल संख्या- 12 पर उपलब्ध)

मैनुअल संख्या –6

बोर्डों, परिषदों, समितियों और अन्य निकायों का विवरण। साथ ही विवरण कि क्या उन बोर्डों, परिषदों, समितियों और अन्य निकायों की बैठकें जनता के लिये खुली होंगी या बैठकों के कार्यवृत्त तक जनता की पहुंच होगी

[धारा 4(1) (ख) (vi)]

बोर्डों, परिषदों, समितियों और अन्य निकायों का विवरण। साथ ही विवरण कि क्या उन बोर्डों, परिषदों, समितियों और अन्य निकायों की बैठकें जनता के लिये खुली होंगी या बैठकों के कार्यवृत्त तक जनता की पहुंच होगी

– लागू नहीं।

मैनुअल संख्या -7

लोक सूचना अधिकारियों के नाम, पदनाम और
अन्य विशिष्टियाँ

[धारा 4(1) (ख) (vii)]

लोक सूचना अधिकारियों के नाम, पदनाम और अन्य विशिष्टियाँ

डा राजेन्द्र डोड्डल- महानिदेशक

मैनुअल संख्या –8

निर्णय करने की प्रक्रिया (पर्यवेक्षण एवं
उत्तरदायित्व के स्तर सहित)

[धारा 4(1) (ख) (viii)]

निर्णय करने की प्रक्रिया (पर्यवेक्षण एवं उत्तरदायित्व के स्तर सहित)

प्रस्तावों के अनुरूप उच्च स्तरीय समिति द्वारा।

मैनुअल संख्या –9

अधिकारियों और कर्मचारियों की निर्देशिका

[धारा 4(1) (ख) (ix)]

अधिकारियों और कर्मचारियों की निर्देशिका

क्रम सं०	नाम	पदनाम	टेलीफोन न०	पता
1.	डा राजेन्द्र डोब्राल	महानिदेशक	0135-2102769, 2102770	उत्तराखण्ड विज्ञान एवं प्रौद्योगिकी परिषद, विज्ञान धाम, झाझरा, वाया -प्रेमनगर, देहरादून।
2.	डॉ० बी०पी० पुरोहित	परियोजना अधिकारी / संयुक्त निदेशक	-तदैव-	
3.	डॉ० डी०पी० उनियाल	वरिष्ठ वैज्ञानिक अधिकारी	-तदैव-	
4.	डॉ० अरुण कुकसाal	वरिष्ठ वैज्ञानिक अधिकारी (संविदा)	-तदैव-	
5.	श्री नाथी राम	वैज्ञानिक अधिकारी (प्रतिनियुक्ति)	-तदैव-	
6.	श्री जितेन्द्र कुमार	वैज्ञानिक अधिकारी (प्रतिनियुक्ति)	-तदैव-	
7.	श्री महावीर प्रसाद चमोली	ज्येष्ठ प्रशासनिक अधिकारी (प्रतिनियुक्ति)	-तदैव-	
8.	डा० आशुतोष मिश्रा	वैज्ञानिक अधिकारी	-तदैव-	
9.	श्री अमित पोखरियाल	जनसम्पर्क अधिकारी	-तदैव-	
10.	डा० कीर्ती जोशी	वैज्ञानिक अधिकारी (संविदा)	-तदैव-	
11.	श्री आलोक मैठाणी	तकनीकी सहायक (संविदा)	-तदैव-	
12.	श्री मनमोहन सिंह रावत	तकनीकी सहायक (संविदा)	-तदैव-	
13.	डा० कैलाश नारायण भारद्वाज	कनिष्ठ वैज्ञानिक अधिकारी (संविदा)	-तदैव-	
14.	डा० जगबीर सिंह असवाल	वैज्ञानिक सहायक (संविदा)	-तदैव-	
15.	श्री मनोज कुमार सिंह	वैज्ञानिक सहायक (संविदा)	-तदैव-	
16.	श्री पंकज सिंह रावत	डी. टी. ई. आपरेटर (संविदा)	-तदैव-	
17.	श्री पंकज थपलियाल	डी. टी. ई. आपरेटर (संविदा)	-तदैव-	
18.	श्रीमती सोनिया भण्डारी	डिमेंसट्रेटर (संविदा)	-तदैव-	
19.	श्री रामदेव घुनियाल	कनिष्ठ वैज्ञानिक सहायक (संविदा)	-तदैव-	

20.	श्रीमती आरती धीवान	स्टैनोग्राफर (संविदा)	-तदैव-	
21.	श्री प्रदीप चौधरी	स्टैनोग्राफर (संविदा)	-तदैव-	
22.	श्री कुलवीर सिंह सजवाण	कनिष्ठ सहायक (संविदा)	-तदैव-	
23.	श्री विनीत कैलखुरी	कनिष्ठ सहायक (संविदा)	-तदैव-	
24.	श्री विपिन बिड़ालिया	कनिष्ठ सहायक (संविदा)	-तदैव-	
25.	श्री रजनीश भारती	कनिष्ठ सहायक (संविदा)	-तदैव-	
26.	श्री गिरीश चौहान	कनिष्ठ सहायक (संविदा)	-तदैव-	
27.	श्री गजपाल सिंह	प्लॉट आपरेटर (संविदा)	-तदैव-	

मैनुअल संख्या –10

अपने प्रत्येक अधिकारी और कर्मचारी द्वारा
प्राप्त मासिक पारिश्रमिक और उसके निर्धारण
की पद्धति

[धारा 4(1) (ख) (x)]

**अपने प्रत्येक अधिकारी और कर्मचारी द्वारा प्राप्त मासिक पारिश्रमिक और उसके निर्धारण की पद्धति
; - (संविदा कर्मियों को छोड़कर शासकीय नियमानुसार)**

क्रम सं०	नाम	पदनाम	वेतनमान	सकल वेतन (भत्तों सहित)	टेलीफोन न०	पता
1.	डा राजेन्द्र डोभाल	महानिदेशक	रु० 37400-67000 (ग्रेड वेतन- 10000)	रु० 1,81,९917 / -	0135-2102769 2102770	उत्तराखण्ड विज्ञान एवं प्रौद्योगिकी परिषद, विज्ञान धाम, झाझरा, वाया -प्रेमनगर, देहरादून।
2.	डॉ० बी०पी० पुरोहित	परियोजना अधिकारी / संयुक्त निदेशक	रु० 15600-39100 (ग्रेड वेतन- 7600)	रु० 98860 / -		
3.	डॉ० डी०पी० उनियाल	वरिष्ठ वैज्ञानिक अधिकारी	रु० 15600-39100 (ग्रेड वेतन- 6600)	रु० 75,111 / -		
4.	श्री नाथी राम	वैज्ञानिक अधिकारी (प्रतिनियुक्ति)	रु० 15600-39100 (ग्रेड वेतन 5400)	रु० 53,630 / -		
5.	श्री जितेन्द्र कुमार	वैज्ञानिक अधिकारी (प्रतिनियुक्ति)	रु० 15600-39100 (ग्रेड वेतन 5400)	रु० 50,662 / -		
6.	श्री सुरेन्द्र दत्त बिजल्वाण	प्रशासनिक अधिकारी (प्रतिनियुक्ति)	रु० 9300-34800 (ग्रेड वेतन- 4800)	रु० 42,503 / -		
7.	डॉ० आशुतोष मिश्रा	वैज्ञानिक अधिकारी	रु० 15600-39100 (ग्रेड वेतन- 5400)	रु० 56,933 / -		
8.	श्री अमित पोखरियाल	जनसम्पर्क अधिकारी	रु० 15600-39100 (ग्रेड वेतन- 5400)	रु० 60,127 / -		

मैनुअल संख्या –11

प्रत्येक अभिकरण (Agency) को आबंटित बजट
(सभी योजनाओं, व्यय प्रस्तावों तथा धन
वितरण की सूचना सहित)

[धारा 4(1) (ख) (xi)]

प्रत्येक अभिकरण (Agency) को आबंटित बजट (सभी योजनाओं, व्यय प्रस्तावों तथा धन वितरण की सूचना सहित)

लागू नहीं।

मैनुअल संख्या –12

अनुदान/राज सहायता कार्यक्रमों (subsidy programmes) के क्रियान्वयन की रीति, जिसमें आबंटित राशि और ऐसे कार्यक्रमों के लाभार्थियों के ब्यौरे सम्मिलित हैं

[धारा 4(1) (ख) (xii)]

**अनुदान/राज सहायता कार्यक्रमों (subsidy programmes) के क्रियान्वयन की रीति, जिसमें
आबंटित राशि और ऐसे कार्यक्रमों के लाभार्थियों के ब्यौरे सम्मिलित हैं**

क्रियान्वयन रीति –

TERMS & CONDITIONS OF THE GRANT

1. Approval of the research proposal and the grant being released is for the specific project sanctioned and should be exclusively spent on the project within the stipulated time. The Institute is not permitted to seek or utilize funds from any other organization (Government, Semi-Government, Autonomous or Private Bodies) for this research project. *Any unspent balance out of the amount must be surrendered to the U-COST through Demand Draft in favor of Director General, Uttarakhand State Council for Science & Technology Uttarakhand.*
2. For permanent, semi-permanent assets acquired solely or mainly out of the grant, an audited record in the form of register in the prescribed proforma (Annexure- II) shall be maintained by the Institute. The term 'assets' means (i) immovable property and (ii) movable property of a capital nature, where the value exceeds Rs. 1000/-. The Institute is required to send to the Council of Science & Technology a list of assets acquired from the grant. The grant shall not be utilized for construction of any building unless specific provision is made for the purpose.
3. All the assets acquired from the grant will be property of the U-COST should not, without the prior sanction of the U-COST, be disposed off, or encumbered or utilized for purposes other than those for which the grant had been sanctioned.
4. At the conclusion of the project, the U-COST will be free to sell or otherwise dispose off the assets which are the property of the Government. The Institute shall render to U-COST necessary facilities for arranging the sale of these assets. The U-COST has the discretion to gift the assets to the Institute or transfer them to any other Institute if it is considered appropriate.
5. The Institute will furnish Annual Progress Report of the work on the project. In addition, the U-COST, may designate scientists/ specialists to visit the Institute periodically to review the progress of work and for suggesting suitable measures to ensure realization of the objectives of the project. During the progress of the project, the Institute will provide all facilities to the scientists/specialists by way of accommodation, etc. On completion of the project three copies of a final consolidated Project Completion Report on the work done on the project should be sent to the U-COST.
6. The Institute will furnish to the U-COST a statement of accounts along with the Progress Report, at the time of seeking further Installment of the grant. Carry forward of unspent funds to the next financial year for utilization for the same project may be considered only with the specific approval of the U-COST.
7. The Institute will furnish to the U-COST, Utilization Certification and an audited Statement Accounts pertaining to the grant immediately after the end of each financial year. The Institute will maintain separate audited accounts for this project. *The amount of grant in aid will be kept in a Saving Bank Account earning interest. The amount earned out of the funds will be added to the project account.*
8. Investigators wishing to publish papers based on the research work done under U-COST project should acknowledge the assistance received from the U-COST indicating the name of the Scheme. Investigators are also requested to publish some of the research papers emerging out of the Project in leading national journals.
9. The Institute may not entrust the implementation of the work for which grant is being sanctioned to another Institution and to divert the grant receipts as assistance to the latter institution. In case the Institute itself is not in a position to execute or complete the project, it may be required to refund forthwith to the U-COST the entire amount of grants-in-aid received by it.

10. The staff that may be employed for the project by the Institution are not to be treated as employees of the U-COST and the employment of such staff at the time of completion or termination of the project will not be concern /responsibility of the U-COST. They will be subject to the administrative control and service rules, as applicable to them (leave, TA, DA, etc.) of the Institute where the project is based. For the expeditious implementation of the research project, the investigator-in-charges will take the assistance of the concerned Institute in the process of selection and appointment of staff and payment to them. In case of any special posts, the pay may be decided by the U-COST.
11. The U-COST reserves the right to terminate the grant at any stage, if it is convinced that the grant has not been properly utilized or appropriate progress is not being made.
12. The project will become operative with effect form the date on which the grant is received by the institute. The date will be intimated by the Institute to the U-COST. It will, in no case, be later than one month after the receipt of the draft by the Institute.
13. If the principal Investigator to whom a grant for a project has been sanctioned wishes to leave, the institution where the project is based, the Institute /Investigator will inform the same to the U-COST and, in consultation with the U-COST, the institute shall evolve, steps to ensure successful completion of the project before relieving the principal Investigator.

**REQUEST FOR ANNUAL INSTALMENT WITH
UP-TO-DATE STATEMENT OF EXPENDITURE**

(year Means Financial Year i.e. 1st April to 31st March of Next year)

- | | |
|--|---------------------------------|
| 1. Sanction Letter No.----- | 6. Grant Received in each year: |
| 2. Total project Cost Rs.----- | a. I year Rs.----- |
| 3. Sanctioned/Received project cost (if application) Rs. | b. II Year Rs. |
| 4. Date of Commencement of Project----- | c. III Year Rs. |
| 5. Statement of Expenditure | d. Interest Rs----- |
| | e. Total Rs----- |

Month **Year**

Note:

- Expenditure under the sanctioned heads, at-any point of time, should not exceed funds allocated under that head, without prior approval of U-COST i.e. Figures in Column (vi) should not exceed corresponding figure in Column (III)
- Utilisation Certificate for each financial year ending 31st March has to be enclosed, long with request for carry- forward permission to next year (see Annexure-IV)

Sl. No.	Sanctioned Heads	Funds Allocated (*)		Expenditure Incurred			Balance as on (date) (Col iii-vii)	Required of funds upto 31 March	Remarks (if any)
		III	IV	Iyr	IIYr	IIYr			
1	Salaries								
2	Permanent Equipments								
3	Supplies & Materials								
4	Travel								
5	Contingencies								
6	Overhead Expense								
7	Others (if any)								
8	Total								

Name & Signature/PI
Date:-----

Signature of Competent Financial authority
Date:-----

* Indicate sanctioned /revised allocation as applicable.

(No change should be made in the prescribed format. All the entries should be made carefully and audited/checked thoroughly before submission)

Annexure-II**COST DETAILS OF PERMANENT EQUIPMENT/ASSETS**

Sl.No.	Name of Equipment/Asset with model Name, etc and date of procurement	Sanctioned amount		Actual Expenditure (*)		Other Expenses(*) If any	Utilisation Rate (%)
		FE	Rs.	FE	Rs		

(*) This should include only the cost of equipment, insurance and freight charges.

(**) Other expenses such as bank charges, agency commission etc should be avoided through appropriate negotiations. If unavoidable expenses incurred, the same may be indicated.

PROGRESS REPORT**IMPORTANT POINTS:**

- I Ten copies of the report giving information on items listed in the format given below are required.
- II Report should be sent even if project has not become fully operational, Please write 'NIL' against items where there is nothing significant to report or, if these items are not relevant.
- III Report should cover the work done during the period ending 31st December every year.
- IV Timely submission of report is essential to facilitate release of fund.
- V Report should be in the format given below.
- VI The report should be discussed and finalized by the project team before sending it to U-COST.

INSTRUCTIONS FOR PREPARING THE MANUSCRIPT OF THE REPORT

- 1) Manuscripts should be neatly typed (in single spacing between the lines) in the enclosed format for direct reproduction by photo offset process. Any corrections should be retyped on separate slip & then pasted neatly with the use of pasting gum preferably rubber solution. Don't erase with rubber or retype. Don't cut/cross.
- 2) Matter should be first preferably typed on a4 size paper (210 X 285 mm) within the prescribed space (160 X 220) leaving the same margin as in the enclosed format and then retyped after careful correction/changes.
- 3) Manuscript should not exceed five pages in case and should be typed on the enclosed format.
- 4) Photographs should be avoided. Diagrams & graphs should be accommodated within the space provided for the text for direct reproductions.
- 5) Please do not leave any item unanswered.

1 PROJECT TITLE	U-COST NO
2 PI (NAME & ADDRESS)	DATE OF BIRTH
3 CO-PI (NAME & ADDRESS)	DATE OF BIRTH
4 BROAD AREA OF RESEARCH 4.1 SUB AREA 5 APPROVED OBJECTIVES OF THE PROPOSAL	
DATE OF START	TOTAL COST OF PROJECT
DATE OF COMPLETION	EXPENDITURE AS ON
6 METHODOLOGY 7 SALIENT RESEARCH ACHIEVEMENTS 7.1 SUMMARY OF PROGRESS	
7.2 NEW OBSERVATIONS 7.3 INNOVATIONS 7.4 APPLICATION POTENTIAL 7.4.1 LONG TERM 7.4.2 IMMEDIATE 7.5 ANY OTHER	
8 RESEARCH WORK WHICH REMAINS TO BE DONE UNDER THE PROJECT (FOR ONGOING PROJECTS)	

PROJECT PROGRESS INDICATION

PhD PRODUCED/ NUMBER	TECHNICAL PERSONAL TRAINED NUMBER:	RESERCH PUBLICATIONS ARISING OUT OF PRESENT PRESENT NUMBER:
---------------------------------	---	--

LIST OF PUBLICATION ARISING FROM THIS PROJECT (INCLUDING TITLE, AUTHORS JOURNALS & YERS)

(A) PAPERS PUBLISHED ONLY IN CITED JOURNALS (SCI)

(B) PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS, POPULAR JOURNALS ETC.

PATENTS FILED /TO BE FILED

MAJOR EQUIPMENT (MODEL AND MAKE)

SNO	SANCTIONED LIST	PROCURED (YES/NO)	COST (RS IN LAKHS)	WORKING (YES/NO)	UTILIZATION RATE (%)
------------	----------------------------	------------------------------	-------------------------------	-----------------------------	---------------------------------

UTILISATION CERTIFICATE (TWO COPIES)

FOR THE FINANCIAL YEAR 20__ (ENDING 31ST MARCH)

1	Title of the Project/Scheme		
2	Name of the Institution		
3	Principal Investigator		
4	Council of Science & Technology letter No & date sanctioning the project		
5	Head of account as given in the original Sanction letter		
6	Amount brought forward from the Previous financial year quoting U-COST Letter No and date in which the authority to Carry forward the said amount was given	i ii iii	Amount Letter No Date
7	Amount received during the financial year (Please give No & Date of U-COST sanction letter for the amount)	i ii iii	Amount Letter No Date
8	Total amount that was available for Expenditure (excluding commitments) During the financial year (S NO 6+7)	Rs	
9	Actual expenditure (excluding commitments) Incurred during the financial year (upto 31 st March)	Rs	
10	Balance amount available at the end of the Financial year		
11	Unspent balance refunded if any (Please give details of)	Rs	
12	Unspent balance refunded if any (Please give details of cheque No etc)	Rs	
13	Amount to be carried toward	Rs	

UTILISATION CERTIFICATE

Certified that out of Rs. -----of grants-in-aid sanctioned during the year -----in favour of -----under U-COST Letter No----- and Rs-----on account of unspent balance of the previous year a sum of Rs-----has been utilized for the purpose of -----for which it was sanctioned and that the balance of Rs----- remaining unutilized at the end of the year has been surrendered (vide Challan No-----dated -----)/will be adjusted towards the grants-in-aid payable during the next year is-----

Signature of PI
Date:

Signature of Registrar/AO

Signature of Head

(TO BE FILLED IN BY U-COST)

Certified that I have satisfied myself that the conditions on which the grants –in-aid was sanctioned have been fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned:-

Kinds of checks exercised

Signature & Designation

FINAL STATEMENT OF EXPENDITURE

- | | | | |
|---|--|---|---|
| 1 | Sanctioned Letter No | 5 | Grant received in each year (financial) |
| 2 | Total Project Cost
(Sanctioned/ Revised
cost, if applicable) | a | I Year Rs |
| | | b | II Year Rs |
| 3 | Date of commencement | c | III Year Rs |
| 4 | Date of completion of project | d | IV Year Rs |
| | | e | Interest Rs |
| | | f | Total Rs |

Sl No	Sanctioned Heads	Funds Allocated	Expenditure incurred				Balance
			(Financial year-wise)				
			Iyr	IIyr	III yr	IVyr	

- | | |
|---|----------------------|
| 1 | Salaries |
| 2 | Permanent Equipment |
| 3 | Consumable Materials |
| 4 | Travel |
| 5 | Contingencies |
| 6 | Overhead Expenses |
| 7 | Others (if any) |
| 8 | Total |

Amount to be refunded /reimburse (whichever is appropriate):Rs

Name & Signature
Principal Investigator:-----
Date:-----

Signature of Competent
financial /audit authority:-----
Date:-----

REQUEST FOR EXTENSION

(5 Copies to be Sent Six Months Prior to the Date of Expiry of the Project)

- 1 U-COST Reference No :
- 2 Name of the Investigator :
- 3 Title of the project :
- 4 Approved duration of the project form-----to -----
- 5 Requested extension form-----to-----
- 6 Original objectives (quoted form project proposal)-----
- 7 Results achieved so far (in attainment of objectives)
- 8 Clear statement of objectives that have not been achieved so far but will be achieved during the extended period:-
- 9 Financial implications :
 - A Total Sanctioned Amount:
 - B Total Expenditure upto last month:
 - C Expected Expenditure during extended period:
 - C.1 Salaries (at the existing level)
Existing level means average of last 6 to 12 months expenditure
 - C.2 Consumables (at the existing level)
 - C.3 Travel (if absolutely necessary)
 - C.4 Contingencies
 - D Expected amount to be refunded to U-COST

OR

Expected amount in addition to sanctioned amount

Name & Signature of the PI.

PROJECT COMPLETION REPORT

Notes:

- 1 Three copies of the project Completion Report and CD (in MSWORD file) should be sent within one month of the completion of the project.
- 2 The project Completion Report should be in the bound form.
- 3 Cover page should include the title of the project, file number, names and address of the investigation.
 - (1) Title of the Project.
 - (2) Principal Investigator and Co-Investigators
 - (3) Implementing Institution and other collaborating Institutions
 - (4) Date of commencement
 - (5) Planned date of completion
 - (6) Actual date of completion
 - (7) (a) Objectives as stated in the project proposal
(b) Objectives met
 - (8) (a) Milestones fixed as per the agreement
(b) Milestones achieved
 - (9) Deviation made from the original objectives if any, while implementing the project and reasons thereof.
 - (10) Conclusions summarizing the achievements and indications of scope for future work
 - (11) S&T benefits accrued:
 - (i) List of research publications with details , if any
 - (ii) Manpower trained on the project
 - (iii) patents taken if any
 - (iv) Replication Potential
 - (v) Linkages developed

Name and Signature/PI/Co-PI

Format for review of projects

- 1 Project Title with U-COST No _____
- 2 Name, Address & Date of Birth _____
- 2.1 P.I. _____
- 2.2 Co-; PI(Name & Address) _____
- 2.3 Other Project Personnel _____ Date of Birth _____
- 3 Broad Area of project _____
- 3.1 Specific Area _____
- 4 Approved Objectives of the Proposal _____
- 5 Project Details _____
- 5.1 Duration _____
- 5.2 Date of Start _____
- 5.3 Date of Completion _____
- 5.4 Total cost of project _____
- 5.5 Expenditure as on _____
31st March, 2001 _____
- 5.6 Statement of Expenditure & Utilization Certificate submitted (yes) (No)
- 6 Methodology _____
- 7 Salient Achievement _____
- 7.1 Summary of Progress _____
- 7.2 Specific Observations _____
- 7.3 Linkages developed _____
- 7.4 Replication Potential _____
- 7.5 Any Other _____
- 7.6 Work which remains to be done under the project (for ongoing projects) _____
- 8 Future Plan of Action after completion of project _____

Signature of the PI
Date _____

**परिषद द्वारा स्वीकृत तथा अनुदानित
(शोध एवं विकास) परियोजनायें**

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
1	Dr J.D.S. Negi National Institute for Conservation and Eco-development (NICE) 16/III, Phase-II Panditwari PO- Premnagar Dehradun (UK) Tel: 0135-2774747 M: 9412967770 E: negijds@yahoo.co.in	Preparaton of Monograph on Jatropha Curas L.	63,250.00
2	Shri S.T.S. Lepcha, IFS CEO Uttarakhand Bamboo Fibre Development Board Jalagam Nideshalaya Indiranagar Forest Colony Dehradun 248006 Tel- 2760897 Fax- 2761155 Mob: 9412071394 E: stslepcha@rediffmail.com stslepcha@gmail.com uabamboo@gmail.com	Developing package of practices on low cost earthquake resistant/ treated Bamboo based housing	356,000.00
3	CDO Chamoli	Establishing weather station	120,000.00
4	CDO Chamoli	To provide chap cutter to the farmers in Chamoli District	207,000.00
5	Dr Adesh Kumar Department of Zoology B.L.J. Government Degree College Purola –Uttarkashi M: 9411122341 T: 01375-223018 E: dr.adeshkumar@gmail.com	Biodiversity impact on host productivity and eradication of phthirapteran ectoparasites infesting poultry birds of Garhwal	433,000.00
6	Dr Shivesh Sharma Reader SBS PG Institute of Biomedical Sciences & Research Balawala – Dehradun M: 9897138234 T: 0135-2686246 Fax:: 0135-2686231 Email: sharmashivesh@gmail.com, shiveshs@mnnit.ac.in, sharmashivesh@email.com	Microbial diversity: Indicator of pollution in Gangetic river system of Uttaranchal	312,000.00
7	Dr Subodh Kumar Gupta K.L.D.A.V. (P.G.) College Roorkee (UK) M: 9927079341 T: 01332-262268 F: 01332-262268 E: me.subodhgupta@rediffmail.com	Structure and functioning of grassland ecosystem of Garhwal Himalaya	428,000.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
8	Dr Kumkum Shah Senior Lecturer Department of Zoology L.S.M. Govt. P.G. College Pithoragarh (UK) M: 9412926755, 9897105146 O: 05964-264029 F: 05964-223142, 224355 E: shah_kk@rediffmail.com, kkshahpth@gmail.com	Introducing techniques for employment generation through integrated fish farming using natural water resources of district Pithoragarh (Uttaranchal)	360,700.00
9	Dr Manoj Dhaulakhandi Govt. (P.G.) College Rishikesh M: 9411141215 E: drmanoj2007@rediffmail.com, manojdhaulakhandi@gmail.com	A study on altitudinal range of timberline and its vegetation in Garhwal Himalaya	194,000.00
10	Dr (Mrs) Bhagwati Uniyal NAVDANYA, 105, Rajpur Road, Dehradun (UK) T: 135-2743175 Fax No. 0135-2749931 E: navdanya@sancharnet.in	Changes in the biodiversity and socio-economic status of peoples residing downstream beyond the dam between Tehri to Devprayag : After completion of reservoir of Tehri dam	276,000.00
11	Dr S.S. Pathani Department of Zoology Kumaon University S.S. Jeena Campus Almora T: 05962-234804 E: pathani_p@yahoo.co.in	Fish survey in relation to management of fishery resource in Kumaon Uttaranchal	380,000.00
12	Sh Dinesh Kumar Scientist D Silviculture Division Forest Research Institute PO- New Forest Dehradun (UK) M: 9411173576 T: 0135-2757021-26 F: 0135-2756865 E: kumar@icfre.org dineshksingh333@yahoo.com	Raising of demonstration plantations for augmenting fuelwood and fodder resources and promoting income generation in two villages of Uttaranchal	572,000.00
13	Dr Achal Kumar Mittal Scientist 'C' Structural Engineering Division (SE) Central Building Research Institute Roorkee – 247667 [UA] O: 01332-283464 R: 01332-263985 F: 01332-272242 Email: achal_cbri@rediffmail.com , akmrke@hotmail.com	Seismic vulnerability assessment and damage scenario of buildings in Almora	210,000.00
14	Dr Dinesh Sati En Net Development Society 174/2, Mohit Nagar GMS Road Dehradun Mob: 9358822555 Tel: 0135-2764646 E: dinesh.sati@gmail.com, ends.ut@gmail.com	Hazardous contaminants of natural origin in Himalayan spring waters of upper Alaknanda valley	526,700.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
15	Dr Ajay Gairola Assoc. Professor & Coordinator, Dept of Civil Engineering, I.I.T. Roorkee, Roorkee – 247667 [UK]. Off: 1332-285460 Fax: 01332-284549, 01332-273560 M: 9837032236, 9897051525 E: garryfce@gmail.com	Effects of architectural features on wind load in buildings	811,350.00
16	Dr Renu Bhargava Professor Deptt. of Civil Engg., IIT Roorkee, Roorkee (UK) Mob: 9319056539 Tel: 01332-275568 F: 01332-285458 E: renbhargi@yahoo.com	Vermi-technology for waste disposal in rural areas	1,100,650.00
17	Dr A.K. Badoni Society for Himalyan Environmental Research (SHER) Lane No 3 Cantt Area, Turner Road Clementown Dehradun (UK) T: 0135-2644202 E: sher@sancharnet.in	Development of agro-technologies of some rare, threatened and endangered Taxa of Himalayan medicinal herbs	499,696.00
18	Dr Hema Lohani Scientist E-II Herbal Research & Development Institute Centre for Aromatic Plants Selaqui UP SIDC Building, Industrial Area - Selaqui, Dehradun -248197 TelFax. :0135-2698305 E: hemalohani2004@rediffmail.com	Screening of Tanaceum species from Uttaranchal for their essential oil profiles	609,000.00
19	Prof. D.K. Maheshwari Head Department of Botany & Microbiology Gurukul Kangri University Haridwar M: 9837308897 O: 01334-246767 F: 01334-246699 R: 01334-265469 E: maheshwaridk@gmail.com	Plant growth promoting Rhizobacteria in enhancement of productivity of certain medicinal plants of sub Himalayan region of Uttaranchal	925,000.00
20	Dr Manisha Uniyal Lecturer Department of Zoology Shri Guru Ram Rai (PG) College Dehradun Mob: 9837862069 E: muniyal19@rediffmail.com	Hyporheic biodiversity of the river Bhagirathi downstream the Tehri dam, Uttaranchal Himalayas, India	624,800.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
21	Prof. N.S. Bhandari Department of Chemistry SSJ Campus (Kumaun University, Nainital) Almora 263601. Mob: 9410501355 E: im_nsbhandari@yahoo.co.in	Hydro-chemical evaluation and creating awareness towards improving quality and quantity of spring waters in Almora, Uttarakhand	296,000.00
22	Shri Jagdamba Samiti 1, Vinod market Dehradun Road Rishikesh-249201 M: 9411112319 T: 0135-2436963 F: 0135-2433166 E: shrjasin@indiatimes.com, lpsemwal@yahoo.com	Integrated science and technology application for improving agriculture production to ensure livelihood support through vegetable & flower cultivation according agro climatic conditions in 4 Villages of Bhilangana Valley, Tehri Garhwal, Uttarakhand	458,000.00
23	Dr Govind Singh Rajwar Reader Department of Botany Govt. Post Graduate College Rishikesh, (UK) T: 0135-2430495 Fax:: 0135-2430495,2430099 E-mail: rajwars@hotmail.com	A study on the forests of southern Tehri Garhwal in relation to altitude and disturbance	584,300.00
24	Dr I.P. Pandey Reader Deptt of Chemistry DAV (PG) College Dehradun (UK) Lab: 9412936262 R: 265 3995 F: 274 8309 E: ippande@gmail.com	Integrated approach for sustainable water resources development planning of Asan river in Western Doon Valley using remote sensing and GIS techniques	302,450.00
25	Miss Nisha Tripathi Bamboo & Fibre Development Board, Indira Nagar, Dehradun. M: 9456537244 T: 0135-3291538 Fax:: 0135-2760897 E: trippriya@gmail.com	Development of commercially viable technologies for extraction of fibers from unexplored forestry species of Uttarakhand	768,335.00
26	Dr S.K. Nandi Scientist 'F' G.B. Pant Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora T: 05962-241041, 241154, 241150 Fax:: 05962-241150, 241014 E: shyamal_nandi@rediffmail.com	Development of callus and hairy root cultures as strategy for production of active compounds from two Himalayan alpine medicinal plants	1,487,100.00
27	Dr. Prashant Singh Associate Professor Department of Chemistry D.A.V. P.G. College Dehradun M: 9458150994 R: 0135-3258461 E: prashantraj86@yahoo.com	Racemization of antifungal agents enantiomers with benzylic proton at physiological pH	1,160,800.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
28	Dr Virendra K. Dua Scientist G Director I/c National Institute of Malaria Research (Indian Council of Medical Research) Field Station Haridwar-249403 (UK) M: 09910228411 T: 01334-233435 E: vkdua51@gmail.com	Antimalarial properties of some plants from Garhwal region of North-West Himalaya	767,000.00
29	Dr Anita Pandey Scientist 'E' Department of biotechnology G.B. Pant Institute of Himalayan Environment and Development Kosi-Katarmal, Almora (UK) T: 05962-241041 Fax:: 05962-241150/ 241014 E: anita@gbpihed.nic.in	Field evaluation of microbial inoculants developed for use in mountains	1,021,247.00
30	Dr Shalini Joshi Reader & Head Dept of Chemistry K.L. D.A.V. (PG) College Roorkee (UK) Mob: 9837257751 Tel: 01332-262268 E: shajoshi@yahoo.com	Development of procedures for assay of drug formulations and resolution of their racemic mixtures	793,150.00
31	Dr I.D. Bhatt Scientist 'D' G.B. Pant Institute of Himalayan Environment and Development, Kosi-Katarmal, Almora Mob: 9411703802 T: 05962-241041 E: id_bhatt@yahoo.com, idbhatt@gbpihed.nic.in	Population status assessment and screening of active constituents of selected medicinal plants in Uttarakhand Himalaya	882,546.00
32	Dr S.K. Gupta 20-A, Adhoiwala Road Karanpur Dehradun UK) Mob: 9411110872 Tel: 0135-2712837 E: skg.doon@gmail.com	Effect of fluoride in histopathology of reproductive organs of male Albino rat	638,000.00
33	Prof. B.S. Kotaliya UGC Research Scientist Deptt of Geology Kumaun University Nainital T: 05942-239314, 235114 M: 9411196744 Fax:: 05942-235493 E: bskotlia@yahoo.com	Holocene Climatic Changes and Monsoon Variability in Garhwal Himalayas Using Modern and Ancient Lakes	730,089.00
34	Sh G.P. Maithani Himalayan Village Resource Development Society Opp Asha Nursing Home Jogiwala Dehradun (UK) T: 0135-2666930	Ecological and Socio-Economic Impact of Present Harvesting Practices of Non Timber Forest Produce & Medicinal and Aromatic Plants in Uttarakhand	455,000.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
35	Dr R.K. Jauhari Reader Department of Zoology D.A.V. (PG) College Dehradun (UK) Lab: 0135-2748548 R: 0135-2788341 E: jauharirk@hotmail.com	Monitoring of malaco faunal diversity- An investigation on malacologic schistosomiasis in foot hill region of Garhwal	421,900.00
36	Dr Sushma Tamta Assist. Professor Department of Botany DSB Campus Kumaun University Nainital-263002 M: 9412924956 T: 05942-235596 Email : sushma_tamta@yahoo.com	Propagation and improvement of a therapeutically important orchid ' <i>Dactylorhiza hatagirea</i> ' using conventional and tissue culture approaches	725,000.00
37	Dr. Arun Kumar Director Research, Training & Placement Dolphin (PG) Institute of Biomedical & Natural Sciences Manduwala Dehradun 248 007 R: 0135-2672461 (R) Mob: 9568004546 Tel: 135-2694545,547,549 Fax:: 2694547, 2761063 E: arun.dolphininstitute@gmail.com	Biological Diversity Log of Uttaranchal State and its Conservation Strategies	620,000.00
38	Dr A.K. Tiwari Asstt. Professor VCSG College of Horticulture G.B.Pant University of Agriculture & Technology Bharsar - Pauri T: 01348-226059 Fax:: 01348-226058 E: info.vcsgch@indiatimes.com drajaitiwari_7@rediffmail.com	Standardization of Agro Techniques & Post Harvest Management of Orchid (Cymbidium)	471,600.00
39	Dr V.K. Varshney Scientist 'E' Chemistry Division Forest Research Institute PO- New Forest Dehradun (UK) M: 9410548521 T: 0135-2752671 E: varshney@yahoo.com	Prospecting for utilization of unexplored ethnobotanically important medicinal plants of Uttarakhand	728,900.00
40	Sh Anoop Badoni Himalayan Institute for Environment, Ecology & Development (HIFEED) Ranichauri, Tehri Garhwal M: 9719621922 T: 01376-252141, 252149 F: 01376-252288 E: hifeed_uttaranchal@rediffmail.com	In vitro micro tuber seed production of potato cv. Kurfi Himalini for commercial cultivation in hilly regions	558,000.00

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41	Dr Sanjay Gupta Professor & Head Department of Biotechnology SBS PG Institute of Biomedical Sciences Balawala – Dehradun M: 9410153750 t: 0135-2686246 f: 0135-2686231 E: sanjay_gupta9999@rediffmail.com	Bioconversion of agrowaste for production of biofuel	300,000.00
42	Dr Prakash Nautiyal Professor Department of Zoology H.N.B. Garhwal University Srinagar Fax:: 01346-252445 E: pn.mahseer@yahoo.com	Benthic diatom assemblages as biological indicators of trophic status in the streams impacted by various landuse in Uttarakhand	980,200.00
43	Dr Krishna Kumar Director, Dehradun Institute of Technology, Mussoorie Diversion Road, Dehradun (UK) Mob: 09810422700, 09810841460 F: 135-2735404 E: dit@ditddun.org, kkumar@iitk.ac.in	Light weight Palky	145,935.00
44	Dr A.K. Biyani Reader, Dept. of Geology D.B.S. (PG) College Dehradun - 248001, (UK). Mob: 9897020782 T: 0135-2654757 Fax:: 0135-2745747 E: biyani_ajay@yahoo.com	Geological And Geomorphological Investigations Of Hazardous Landslides Sites And Their Impact Rating On Rishikesh-Neelkanth Road Of Pauri Garhwal District, Ua	123,000.00
45	Prof. Shailendra Mishra Head Deptt of Information Technology Dehradun Institute of Technology Mussoorie Diversion Road Dehradun Mob: M: 9412009830 Off: 0135-2735590-93 Fax:: 0135-2735404 Email skmishra1@gmail.com, skmishra@dit.edu.in	IT based Training and E-Learning Platform	405,200.00
46	Dr Shalabh Gupta Asstt. Professor Department of Botany Govt. (P.G.) College Karanprayag Chamoli (UK) M: 9997134443 T: 01363-244129 Email : shal_gupt2002@yahoo.co.in, principalgdckpg@gmail.com	Cytogenetic and biochemical evaluation of medicinal plant bio-diversity in Garhwal	394,000.00

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47	Dr. Y.K.Sharma Reader & Head Department of Physics Government Post Graduate College Rudrapur-263153 M: 9412139799 T: 05944-243586 Fax:: 05944-243586 E: dryksharma@yahoo.com	Development and Characterization of Laser Materials	618,205.00
48	Dr Sanjay Gupta Professor & Head Department of Biotechnology SBS PG Institute of Biomedical Sciences Balawala – Dehradun M: 9410153750 T: 0135-2686246 Fax:: 0135-2686231 E: sanjaygupta9999@rediffmail.com vershap@rediffmail.com	Assessment of Genetic diversity of Allium sp. and Fagopyrum sp. through molecular markers	1,266,600.00
49	Dr Sandeep Arora Associate Professor Department of Molecular Biology & Genetic Engineering College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar (Uttarakhand) M: 8899132233, 9411300600 TelFax:: 05944-233473 Email plantstress@gmail.com	Improvement of <i>Brassica juncea</i> defense mechanism to combat oxidative stress	693,150.00
50	Dr M.S.M. Rawat Head Department of Chemistry H.N.B. Garhwal University Srinagar (UK) Mob: 9411104325 O: 01346-252229 F: 01346-252247, 252174 R: 01346-252902 E: msmrawat@hotmail.com	Chemical profiling of the medicinal herbs of Garhwal- A strategy for quality control	832,500.00
51	Dr Akhilesh Kumar Reader in Physics Pt. L.M.S. Govt. P.G. College Rishikesh -249201 (UK) E: singhakhilesh26@rediffmail.com drakhilesh26@gmail.com Tel. 0135-2438760 Mob: 9412937560 Fax. 0135-2430495	Preparation, synthesis and study of optical and electrical properties of nanoparticles	741,500.00
52	Sh Sudipto Chatterjee Senior Program Officer Winrock International (India) (Natrul Resource Management) 788, Udyog Vihar, Ph-V Gurgaon – 122001 M: 09871124145 O: 0124-430 3868 (reception) O: 0124-430 3834 (direct) F: 0124-430 3862 E: sudipto@winrockindia.org	Developing standards for certification of medicinal and aromatic plants in Uttarakhand	725,000.00

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53	Dr. Prashant Singh District Coordinator - NSS Department of Chemistry D.A.V. P.G. College Dehradun M: 9458150994 R: 0135-3258461 E: prashantraj86@yahoo.com	Solid waste management training programme	732,400.00
54	Dr S.P.S. Rawat Scientist F Climate Change & Forest Influence Division Forest Research Institute PO- New Forest Dehradun Tel: 0135-2224332 E: nuzhat_crystal@rediffmail.com	Comparison of hydrological regime of a microwatershed having dense Oak Forest with a degraded microwatershed	1,760,496.00
55	Dr S.K. Mishra J.R.O. Mushroom, Plant Pathology, V.C.S.G. College of Horticulture, (GBPUAT, Pantnagar), Bharsar, via Chipalghat, Pauri Garhwal Mob: 9410405616 T: 01348-226059 Fax:: 01348-226058 E: mishra_sk1972@indiatimes.com, info.vcsgch@indiatimes.com	Development and Promotion of Pleurotus based Cottage Industry using local Natural Resources in Mid Hills of Pauri District	738,500.00
56	Dr Archana Joshi Bachheti Lecturer Deptt. of Environmental Science Graphic Era Institute of Technology, 566/6 Bell Road, Clement Town, Dehradun Mob: 9410154258 Tel: 0135-2642727, 2642799 E: archu_jo@rediffmail.com, geit_appl@rediffmail.com	Study on seed oil content variation and physico-chemical properties of Jatropha curcus in different parts of Uttarakhand, India	567,000.00
57	Sh R.S. Kaira Eco Care, Casilton House Tallital, Nainital – 263002 M: 9415159619 T: 0 5942239474 E: rskaira@yahoo.com rskaira@satyam.net.in	Demonstration cum Training on Natural Dye and Dyeing on woolen produce in the hills of Uttarakhand	453,100.00
58	Dr Rajiv Pandey Scientist D Environmental Impact Assessment Division Indian Council of Forestry Research and Education PO- New Forest Dehradun M: 9412918634 T: 0135-2752670 F:: 0135-2771683 E: rajivfri@yahoo.com	Fuel wood utilization and its impact on women's health in Jaunsar (Uttarakhand)	417,000.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
59	Dr. Pramod Kumar Singh Scientist-D Central Silk Board Ministry of Textiles Regional Sericultural Research Station Sahaspur-248197 Dehradun (UK) Mob: 9411101715 TelFax: 0135-2697582 E: pksinghrsrs.1954@gmail.com	Identification, characterization and popularization of local strains of Nitrogen fixing bacteria in integrated nutrient management system for mulberry grown in the soils of Dehradun	660,000.00
60	Sh R.K. Mukerji Society for People's Economic Development (SPeED) 39, Block II Bhandari Bag Dehradun M: 9412052137 E: rkmukerji@yahoo.co.in	Assessment of solid waste generation & contamination in Gahli & Toli (Neelkanth tourist zone) micro-watersheds of Yamkeshwar block, Pauri Garhwal	351,000.00
61	Sh R.S. Bisht Swati Gramodyog Sansthan, Dharchula Road Pithoragarh – 262501 T: 05964-225917, 05964-224098 Fax:: 05964-224575 E: swati_sansthan@yahoo.co.in, raj.bisht58@gmail.com	Cultivation of off-season vegetable through Polyhouse Technique in Pithoragarh district	368,000.00
62	Dr P.S. Bisht Dept. of Physics S.S.J. Campus Kumaun University Nainital M: 94120920123 T: 05962-235286 F: 05962-235286 E: ps_bisht123@rediffmail.com	Monopoles dyons and algebraic theory of fundamental interactions	512,000.00
63	Ms Smita Jaiswal College of Agribusiness Management G.B. Pant University of Agriculture & Technology Pantnagar (UK) T: 05944-233884 E: jaiswalsmita3@rediffmail.com	Identification and characterization of products originating in Uttarakhand for Geographical indications	20,000.00
64	Sh A.S. Uniyal Senior Lecturer Department of Maths Govt. M.B.P.G. College Haldwani (Nainital) M: 9412129979 T: 05946-222017 E: uniyal12.2008@rediffmail.com	A Comparative Study of mathematics Education in Primary and Secondary School of Uttaranchal (Specifically in remote and weaker section (SC/ST/Women) of Kumaun	348,000.00
65	Dr Gaj Raj Singh Bisht Professor Deptt. of Microbiology S.B.S. PG Institute of Biomedical Sciences & and Research Balawala, Dehradun M: 9758202462 T: 0135-2686246 Fax:: 0135-2686231 E: grs_bisht@sbsphi.edu.in grs_bisht@yahoo.co.in	Searching potential metabolites from actinomycetes active against drug resistant bacterial pathogens	1,289,500.00

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66	Dr S.N. Bahuguna Reader Dept of Zoology & Biotechnology UGC-SAP, COSIST and DBT (FIST) Post Box-70 HNB Garhwal University Srinagar Garhwal – 246174 M: 9412356037 T: 01370-267853 E: bahugunasn@rediffmail.com	Morpho-histological, functional and development study in pre to post flexion embryo of a hill stream loach, noemacheilus mountanus (McClelland)	641,000.00
67	Shri. Sanjay Rautela Secretary, Devoted Organization for Reforming Environment (DORE) 196- B, Khari Bazar Ranikhat, Almora-263 643 M: 9997466674 T: 05966 220798 F: 05966-220798 E: dore_7@rediffmail.com	To upgrade and organize rural black smiths with S&T input to facilitate the local farmers to increase their productivity with the help of improved tools and equipments	552,000.00
68	Dr Sunil Kumar Associate Professor Department of Zoology D.A.V. (PG) College Dehradun (UK) Mob: 9997074003 Res: 0135- 2788443 E: sunilkumarddn@yahoo.co.in	Biological impact of Ozone depletion in Garhwal region	546,000.00
69	Dr Sanjay Naithani Scientist-F Cellulose and Paper Division Forest Research Institute PO- New Forest Dehradun O: 2752684 F: 2756865 E: sheena_san2003@yahoo.co.in	Bioconversion of forest waste lignocellulosic biomass into ethanol	971,162.00
70	Dr S.R. Verma Reader Department of Physics D.B.S (P.G.) College Dehradun T: 0135-2742915 E: srvastro@rediffmail.com	Role of magnetic carpet in coronal heating	247,600.00
71	Dr R.N. Ram Professor Fishery Biology, College of Fisheries, G.B. Pant University of Agriculture and Technology, Pantnagar – 263145 M: 9719244708 T: 05944-233372 Fax:: 05944-234406 E: mr2289@yahoo.com	Dissemination of bio-resource-based culture and seed production technology of Murrels to fish farmers belonging to SC/ST and Weaker section of Tarai region of Uttarakhand	946,475.00

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72	Dr K.P. Singh Associate Professor Department of Biophysics C.B.S. & H, G.B. Pant University of Agriculture and Technology Pantnagar – 263145 M: 9412632572 O: 05944-233331 (Ext. 4508) F: 05944-233473 E: kps_biophysics@yahoo.co.in	Development of Nanobiosensor for the detection of some Herbicides	1,302,399.00
73	Dr Piyush Pandey Associate Professor and Head Department of Microbiology Assam University, Silchar Assam-788011 E: piyushgkp@rediffmail.com	Assessment of bacterial diversity of the Gangetic river system of Uttarakhand using molecular approaches	633,650.00
74	Dr Devi Datt Chauniyal Professor Department of Geography HNB Garhwal University, Srinagar M: 9412998102 T: 01346-211130 E: chauniyal_devidatt@yahoo.co.in	Development of spring sanctuary and strategy for environmental regeneration in Ghat Gad watershed of Uttarakhand using remote sensing and GIS techniques	676,900.00
75	Prof. N.S. Bisht Department of Botany HNB Garhwal University Pauri Campus, Pauri M: 9411599799 T : 01368 222275 E: nsbotany@yahoo.co.in	Biotechnological approach for the propagation of some medicinal plants of Garhwal Himalaya	511,000.00
76	Dr Versha Parcha Reader Pharmaceutical Sciences SBS. PG Institute of Biomedical Sci. & Research Balawala – Dehradun M: 9412028863, 9456360226 T: 0135-2686246 Fax:: 0135-2686231 E: vershaparcha@gmail.com, vershap@rediffmail.com	Development of Polyherbal Antidiabetic formulation from Medicinal Plants of Garhwal Himalayas	429,650.00
77	Dr Kaushalya Dangwal Reader & Head Dept of Biotechnology Modern Institute of Technology Dhalwala, Rishikesh M: 9897839590 T: 0135-2435220, 2439060, 2430187 E: kdangwal1@yahoo.co.in, mitrishikesh@vsnl.net	Biodegradation of a Potent Carcinogen Benzo [A] Pyrene (Bap) by Bacteria Isolated from Automobile Contaminated Soil of Hilly Region of Uttarakhand	432,200.00
78	Dr Manjul Dhiman Head Department of Botany K.L.D.A.V. P.G. College, Roorkee – 247001 O: 01332-278963 M: 97190-31891 E: manjul.dhiman@rediffmail.com	Field establishment of in-vitro raised plants of <i>Ephedra gerardiana</i>	1,092,800.00

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79	Dr Shah Raj Ali Department of Chemistry DSB Campus Kumaun University Nainital-263002 M: 99974-18110, 9286900994 Fax: 05942-231518 E: shahrajali@gmail.com	Syntheses, characterization and catalytic activities of nano-sized double metal cyanide complexes	734,000.00
80	Dr N.A. Siddiqui Assistant Professor Deptt. Of Health, Safety and Environment University of Petroleum & Energy Studies Via Premnagar Dehradun (UK) Fax: : 0135-2694204 M: 9634525401, 9794908940 E: nsiddiqui57@gmail.com, nihal@ddn.upes.ac.in	Environment impact assessment of Dehradun city	357,500.00
81	Dr G.L. Shah Dept of Geography Kumaun University Nainital T: 05942-232636 R: 05942-236731 Fax: 05942-235576 E-mail: govindjagati@yahoo.co.in	Hazard zonation mapping and forest fire risk modeling in Bageshwar district of Uttarakhand	903,400.00
82	Dr Navneet Kumar Head of Department Dept of Biochemistry Doon (PG) Paramedical College & Hospital 28 Chakrata Road Dehradun T: 0135-2721319 M: 94117-19193 E: navneetbiochem@yahoo.co.in navneetbiochem@rediffmail.com, navneetbiochem@yahoo.com	Effect of in-vitro treatment with catechins and capsaicin on Lipid-Per-Oxidation and Anti-Oxidant status of patient with essential hypertension compared to healthy subjects in Dehradun	198,000.00
83	Dr Veena Pandey Associate Professor Department of Biotechnology Bhimtal Campus Kumaun University Bhimtal-263136 Nainital (UK) M: 94124-19725 E: veena_biotech@rediffmail.com veena_kumaun@yahoo.co.in	Effect of ectomycorrhizal fungal diversity and composition on growth of Quercus leucotricophora and Pinus roxburghii seedlings, the principle forest species of Uttarakhand	763,824.00
84	Dr L.P. Singh Scientist Central Building Research Institute (CBRI) Roorkee – 247667 T: 01332-283442 F: 01332-272272 E: singh_cbri@yahoo.co.in, lpsingh@cbri.in	Synthesis and characterization of Nano Silica and its subsequent use in Calcium-Silicate-Hydrate systems	829,000.00

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85	Dr K.P. Singh Associate Professor College of Forestry & Hill Agriculture G.B. Pant University of Agriculture & Technology Hill Campus Ranichauri- 249199 Tehri Garhwal M: 9412142537 O: 01376-252138, 252119 F: 01376-252128, 252150 E: kps_60@rediffmail.com	Devising an integrated apple disease management program through the use of antagonists, need-based fungicides and advisory services in Uttarakhand hills	495,300.00
86	Dr. Tapan K. Nailwal Sr. Assistant Professor Department of Biotechnology Kumaun University Campus Bhimtal - 263631 Nainital M: 9412986483 O: 05942-235521 F: 05942-235576 E: tapannailwal@gmail.com	<i>In-vitro</i> micropropagation of <i>meizotropis pelita</i> Wall. Ex Hook, F & Grev. (Vern., Patwa) a very rare, endangered & endemic plant of Patwadanger, Nainital	651,000.00
87	Dr P.C. Joshi Reader Zoology & Environmental Sciences, Gurukul Kangri University Hardwar 249404 M: 98370-62992 T: 01334-245940 E: prakash127@yahoo.com	Status of insect pollinators in the orchards of apple, peach, pears and citrus in Mukteshwar area of district Nainital	688,400.00
88	Dr. R.M. Saxena Department of Zoology D.A.V (P.G.) College Dehradun. M: 9358101001 T: 0135-2743555 R: 0135-2742828 E: jauhrirk@hotmail.com	Fish-trematode diversity in water bodies of Dehradun	473,600.00
89	Dr Arun K. Agarwal Assistant Professor Department of Botany Government. P.G. College Uttarkashi (UK) T: 01374-223699 E: renuka2003@hotmail.com	Technological empowerment for segregation of races and post harvest handling of pulses growing at Uttarkashi district of Uttarakhand	530,000.00
90	Dr A.A. Kazmi Associate Professor Dept of Civil Engineering (Environment Division) IIT Roorkee Roorkee 247667 (UK) Fax:: 01332- 2755 68 O: 01332-285725 M: 9837262698 E: kazmifce@iitr.ernet.in	Enhanced coliforms removal in sequencing batch reactor (SBR) activated sludge process	731,550.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
91	Mrs Prabha Bisht Scientist 'B' Tissue Culture Botany Division Forest Research Institute PO- New Forest Dehradun M: 9897089461 T: 0135-222-4402 F: 0135-2756865 E: bishtprabha@rediffmail.com, prabhabisht25@gmail.com	Development of micropropagation technique for economically important bamboos: <i>Dendrocalamus hamiltonii</i> (maggar bamboo) and <i>Gigantochloa atter</i> (black bamboo)	685,700.00
92	Dr Sadhna Tripathi Scientist E Wood Preservation Discipline Forest Products Division Forest Research Institute Dehradun Tel: 0135-2224613 Fax: 0135-2756865 E: tripathis@icfre.org	Evaluation of Neem based formulations for wood and bamboo protection	530,000.00
93	Dr S.P. Singh Reader Dept of Zoology DBS (PG) College Dehradun M: 9411135748 R: 0135-2742653 Tel: 0135-2654757 Fax: 0135-2745747 E: dr.shivpalsingh@yahoo.com	Antifertility and folklore studies on some Uttarakhand plants in animals for development of herbal contraceptive drug	269,000.00
94	Ms Chetna Bisht Research Fellow High Altitude Plant Physiology Research Centre HAPPRC HNB Garhwal University Srinagar-246174 (UK) M: 9410180447, 9917004405 F: 01334-233671 E: bishtchetna@yahoo.com	Micro propagation and conservation of some medicinally important endangered orchids of Uttarakhand Garhwal hills	412,000.00
95	Dr Deepak Pant Associate Professor Department of Chemistry Dolphin (PG) Institute of Bio-medical & natural sciences Manduwala Dehradun - 248007 (UK) M: 941260 9032 Fax:: 0135-2694547 E: deepakpant1@rediffmail.com	Utilisation of glass waste for the degradation of waste plastic	739,854.00
96	Dr Anand B. Melkani Professor Department of Chemistry Kumaun University D.S.B. Campus Nainital 263002 (UK) Mob: 9634061752 O: 05942-236943 E: melkaniab@rediffmail.com	Investigation of terpenoid composition and antimicrobial activity of some medicinal and aromatic plants of family Lamiaceae	715,000.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
97	<p>Lt. (Dr) Balvinder Singh Senior Lecturer Department of Biochemistry SBS (PG) Institute of Biomedical Sciences and Research Balawala - Dehradun</p> <p>M: 9412603497 O: 0135-2686246 F: 0135-2686231 E: bsinghlko@gmail.com & Dr Debashish Ghosh Scientist Fellow Biotechnology Area (PEACBD) Indian Institute of Petroleum PO- IIP, Mohkampur Dehradun-248005</p> <p>M: 9410703482 E: dghosh@iip.res.in</p>	Bioprospecting for novel antimicrobials and industrially important enzymes from microbial isolates in Uttarakhand Himalaya	1,099,800.00
98	<p>Dr N.S.K. Harsh Head & Scientist F Forest Pathology Division Forest Research Institute PO- New Forest Dehradun 248001</p> <p>O: 0135-2752672 F: 0135-2756865 E: harshnsk@icfre.org</p>	Management of fungal deterioration of medicinal plant produce in storage by the use of botanical fungitoxicants	568,400.00
99	<p>Dr Mohan Singh Panwar Associate Professor Department of Geography School of Earth Sciences HNB Garhwal University Srinagar Garhwal – 246174 (UK)</p> <p>O: 01346-252175 R: 01346-252612 M: 9412079068 E: daliyon2002@yahoo.com</p>	Natural Resource Management for Integrated Development Planning in the Rim Area of Tehri Dam Reservoir (Villages of Pratapnagar Block in District Tehri Garhwal)	562,650.00
100	<p>Dr Priyanka Sagar Department of Chemistry Kumaun University Almora 263601</p> <p>M: 9411304294 E: sagarpriyanka_2006@yahoo.co.in</p>	Catalytic hydrogenation of organic substrates by using ZSM-5 anchored Pd (II) complexes	614,900.00
101	<p>Dr Manju Prakash Gusain Associate Professor Dept of Zoology HNB Garhwal University Srinagar- 246174 (UK)</p> <p>Mob: 9456791224, 9412960926 O: 01370-267322 R: 01346-252738 E: manjupgusain@yahoo.co.in</p>	The influence of land use on benthic macroinvertebrate communities of Alaknanda river catchment in Garhwal Himalaya	669,061.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
102	Dr Vikash Singh Jadon Assistant Professor Deptt of Biotechnology S.B.S. (PG) Institute of Biomedical Sciences and Research Balawala Dehradun (UK) Mob: 9412412731 Fax: 0135-2686231 E: jadon@rediffmail.com	In vitro rapid mass multiplication and germplasm conservation of some medicinal plants	951,911.00
103	Dr S.K. Gupta Department of Zoology D.B.S. (PG) College Dehradun 248001 (UK) O: 0135-2712837 M: 9411110872 R: 0135-2654757 E: skg.doon@gmail.com, deepali.doon@gmail.com	A Comparative study of Biotic Diversity in the streams of Eastern and Western Doon with special reference to the Ichthyofaunal status	473,520.00
104	Dr Vineeta Gupta Professor & Head Obstetrics & Gynaecology SGRR Institute of Medical & Health Sciences Patel Nagar Dehradun (UK) M: 9758284395 E: vineetahims@yahoo.co.in	Correlation among PAP Smear, Colposcopy, Human Papilloma virus DNA Detection and Histopathological Examination in patients with cervical intraepithelial Neoplasia (CIN) and Chronic cervicitis	538,500.00
105	Sh Chandra Singh Negi Lecturer Dept. of Zoology L.S.M. Government (PG) College Pithoragarh 262502 (UK) T: 05964-226111, 264139 Mob: 9997494658 E: csnsacred1@rediffmail.com	Conserving the Sacred-Ethno Biological Study into the Relationships Between Culture And Biodiversity	501,030.00
106	Dr M.S. Bisht Reader Department of Zoology HNB University Campus Pauri -246001 (UK) O: 01368-222275 R: 01368-221187 M: 9411127701 E: bisht_msgwl@rediffmail.com	Management of Chukar Partridge in Garhwal Himalaya: status, distribution, ecology and behaviour	725,800.00
107	Dr Amit Pandey Scientist 'E' Forest Pathology Division Forest Research Institute PO- New Forest Dehradun 248006 T: 0135-2224225, 0135-2752672 M: 9412916618 F: 0135-2756865 E: pandey.amit@yahoo.com	Molecular variability in Cordyceps sinensis isolates of Uttarakhand	605,440.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
108	Dr Kailash C. Petwal Lecturer in Mathematics Dept of Mathematics HNB Garhwal University Campus Badshahi Thaul Tehri Garhwal – 249199 (UK) Mob: 9411521475 E: kcpetwal@gmail.com, kailash_petwal067@yahoo.co.in	The Study of subnifolds in conformal & Pseudo conformal spaces	346,737.00
109	Dr Uma Melkania Professor & Head Deptt. of Environmental Science G.B. Pant University of Agriculture and Technology Pantnagar - 263145 (UK) Mob: 9412170328 Tel: 05944-234152 E: umamelkania@yahoo.co.in, umamelkania@gmail.com	Carbon sequestration studies and capacity building in forest and agricultural systems of central Himalayan region of India	1,003,703.00
110	Dr Aradhana Senior Lecturer Dept. of Biotechnology S.B.S. (PG) Institute of Biomedical Sciences and Research Balawala Dehradun (UK) O: 0135-2686246 M: 8126639039 E: aradhanapratap@rediffmail.com	Assessment of seed components and genetic polymorphism of Phaseolus vulgaris in Uttarakhand	792,100.00
111	Dr A.K. Biyani Reader Dept. of Geology D.B.S. (PG) College Dehradun - 248001, (UK) T: 0135-2654757 Fax:: 0135-2745747 E: biyani_ajay@yahoo.com	Microzonation and Geotechnical Appraisal and Remedial Suggestions for Landslide Zones on Rishikesh-Neelkanh-Diuli Area of Pauri Garhwal District, Uttarakhand	704,900.00
112	Prof. D.S. Negi Dept. of Chemistry HNB Garhwal University Srinagar 246174 (UK) M: 9412029934 F: 01346-252174 E: devendra_negi@yahoo.com	Investigation of Selected Verbenaceae Plants for Insecticidal and Antifeedant Constituents	1,306,655.00
113	Mrs Manju Rani Department of Botany Govt. P.G. College Rishikesh (UK) M: 9411392621 E: manjukamal@gmail.com	Study of Lichen flora of Doon valley with special reference to air pollution	922,500.00
114	Dr R.K. Upadhyay Assistant Professor Deptt of Physics Pt. Lalit Mohan Sharma Govt. P.G. College Rishikesh, 249201 - (UK) O: 2430495 R: 2437544 E: rku8@rediffmail.com, upadhyay_rajiv@yahoo.com	Development of Acoustically Rich Speech Corpus for Garhwali Hindi Dialect of Uttarakhand	783,474.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
115	Dr G.S. Rawat Professor Habitat Ecology Wildlife Institute of India PO Box- 18 Chandrabani Dehradun (UK) Mob: 9412053542 T: 0135-2640111-115 Ext-222 E: rawatg@wii.gov.in, gajendrawat@yahoo.com	Assessment of Banj oak forests and their conservation status in Uttarakhand	721,445.00
116	Dr Neeraj Tiwari Senior Lecturer Deptt of Statistics Kumaun University S.S.J. Campus Almora (UK) T: 05962-231148 E: kumarn_amo@yahoo.com M: 9412951904	Detection of geo-spatial hotspots for enteric diseases using GIS and spatial scan statistic and to study the effect of water pollution on physical and mental health of residents of Almora and Nainital districts of Uttarakhand	558,978.00
117	Dr Rajan Kumar Gupta Associate Professor Department of Botany Pt. L.M.S. Government (PG) College Rishikesh (UK) M: 9412319164 T: 0135-2430495 TFax: 0135-2450373 E: rajankgupta1@rediffmail.com	Studies on diversity of AM fungi and their role as bioprotectant of economically important crops of Uttarakhand	546,400.00
118	Dr S. Nautiyal Scientist 'G' Plant Physiology, Botany Division Forest Research Institute PO- New Forest Dehradun - 248006 (UK) T: 0135-2752673 M: 9761651454 F: 0135-2756865 E: nautiyals@icfre.org	Effect of climate change on the phenology of Himalayan Rhododendrons	819,550.00
119	Dr. Om Prakash Assistant Professor Department of Chemistry G.B. Pant University of Agriculture and Technology Pantnagar-263145 (UK) M: 9411159551 T: 05944-23308 F: 05944-233473 E: op_orgchem@yahoo.co.in, oporgchem@gmail.com	Novel antioxidants from plants of family Lamiaceae growing in Uttarakhand region: Search for new nutraceuticals	606,739.00
120	Dr. Pradeepta Kumar Sahoo Senior Lecturer College of Engineering studies University of Petroleum & Energy Studies Energy Acre Bidholi Prem Nagar Dehradun (UK) Mob: 9997110710 O: 0135-2776091,93,95 E: pksahooiitd@yahoo.com	Establishment of Jatropha Oil Cake based Biogas Plant	866,700.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
121	Dr. Robina Aman Associate Professor Department of Chemistry Kumaun University S.S.J Campus Almora-263601 (UK) M: 9412042324, 9412924844 T: 05962-235430 E: amanrobina@yahoo.com	Synthesis, characterization and in vitro antimicrobial screening of alkyl and aryl tin (IV) complexes with phenol derivatives derived from amino acid	727,950.00
122	Mrs. Namrata Junior Research Fellow Department of Biochemistry S.B.S. (PG) Institute of Biomedical Sciences and Research Balawala Dehradun (UK) M: 9897365737 T: 0135-2686246 F: 0135-2686231 E: namrata.chhetri@yahoo.com	An investigation of antioxidant, hepatoprotective and antimicrobial plant bioactive compounds from Uttarakhand Himalaya	415,410.00
123	Prof. C.S. Mathela Department of Chemistry Kumaun University D.S.B. Campus Nainital-263002 (UK) Mob: 9412351488 T: 05942-236943 R: 05946-284274 E: mathelacs@gmailcom, mathelacs@rediffmail.com	Investigations on chemical diversity of Himalayan aromatic & medicinal plants and chemical modification of their constituents for commercial utilization	844,900.00
124	Sh Vimal Dhiman Manager Programmes & Forestry Uttarakhand Bamboo & Fibre Development Board (UBFDB) Indira Nagar Forest Colony Dehradun (UK) TelFax: 0135-2760897 Fax: 0135-2761155 E: uabamboo@gmail.com	Extension of standardized natural fiber extraction and processing techniques in different clusters of Uttarakhand	469,775.00
125	Dr. Sabyasachi Dasgupta Assistant Professor Department of Forestry and Natural Resources School of Agriculture and Allied Sciences HNB Garhwal University Srinagar Garhwal (UK) M: 9410127024 TelFax: 01370-267529 E: sabya_job@yahoo.com	Predator People Conflict in the Mountainous Landscapes of the Alaknanda Valley in Garhwal Himalaya	518,970.00
126	Sh J.M.S. Chauhan Scientist-'C' Field Research Station, Khirsu Botany Division Forest Research Institute PO- New Forest Dehradun-248006 (UK) Mob: 9411393124 F: 0135-2756865 E: chauhanjms@icfre.org	In situ conservation of some medicinal plants of Garhwal Himalayas, Uttarakhand	301,312.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
127	Dr S.N. Lal Sr. Lecturer Geology Department Kumaun University Nainital-263002 Mob: 9412085734 Tel: 02672-235114 Fax: 05942-235493 E: snlal2001@rediffmail.com	Pressure-Temperature-Fluid evolution of Crystalline rocks of Munsiri formation and Vaikrita group in main central thrust zone, Kumaun Himalaya	938,180.00
128	Dr Santosh Rangnekar Associate Professor Department of Management Studies IPR Cell Indian Institute of Technology Roorkee Roorkee Mob: 9410543454 Tel: 01332-285422 Fax: 01332-285565 E: srangnekar1@gmail.com	An empirical study on proximate determinants of creation of Intellectual Property Right (IPR) in Uttarakhand	436,700.00
129	Dr Sadhna Tripathi Scientist F Wood Preservation Discipline Forest Products Division Forest Research Institute Dehradun Tel: 0135-2224613 Fax: 0135-2756865 E: tripathis@icfre.org	Wood durability improvements through non-conventional heat treatment	602,900.00
130	Dr Sarla Saklani Lecturer Department of Pharmaceutical Sciences HNB Garhwal University Srinagar Mob: 9456155255, 9412922500 Tel: 01370-267324 E: pharmachemhnbgu@gmail.com	Neutraceuticals: Future prospective of wild edible fruits of Garhwal Himalaya	602,850.00
131	Dr H.C.S. Bisht Sr Lecturer Dept of Zoology DSB Campus Kumaun University Nainital - 263002 Mob: 9411376398 Fax: 05942235576 E: hcsbishtji@yahoo.com	Bionomics and culture prospects of the Macrocrustacean (Macrobrachium sp.) of Kumaon Region of Uttarakhand including transplantation trails for better yields	306,900.00
132	Prof. S.C. Sati Department of Botany Kumaun University Nainital- 263002 Tel: 05942-235596 E: satic2000@yahoo.co.in	Assessment of antimicrobial potential of some ethno-botanically known gymnosperms of Kumaun Himalaya	624,800.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
133	Dr M. Das Trakroo Associate Professor Fishery Hydrography Department of Fishery Hydrography College of Fisheries G.B. Pant University of Agriculture & Technology Pantnagar - 263145 (UK) Mob: 9411784020 Tel: 05944-233377 E: malobica1811@rediffmail.com, anup45@sify.com	Effect of feeding schedule on the growth and production of fish in carp farming	437,800.00
134	Dr Rakesh Kumar Reader and Head Department of Zoology LSM Government (PG) College Pithoragarh- 262501 Tel: 05964-264027 Mob: 9412927443 E: drkumar_2002@rediffmail.com	Pharmacological evaluation of <i>Centella asiatica</i> and <i>Angelica glauca</i> for antistress/ adaptogenic activity	602,800.00
135	Dr Partha Roy Assistant Professor Department of Biotechnology IIT Roorkee Roorkee (UK) Tel: 01332-285686 Fax: 01332-273560 E: paroyfbs@iitr.ernet.in	Development of methods for differentiation of mouse embryonic and stem cells to insulin producing cells	242,000.00
136	Dr Virendra K. Dua Scientist-F National Institute of Malaria Research Industrial Malaria Unit: Health Care Centre Sector-III, BHEL, Ranipur Haridwar-249403 (UK) M: 09910228411 T: 01334-233435 E: vkdua51@gmail.com	Development of plant based Immersion oil for microscopy	404,800.00
137	Dr Madhuri Dabral Assistant Professor Dept. of Environmental Sciences Graphic Era University 566/6, Bell Road, Clement Town Dehradun (UK) Mob: 8057971597 E: drmadhuri.env@gmail.com	Biomangement of Toxic Weeds (<i>Lantana Camara</i> & <i>Parthenium Hystorophorus</i>) through Vermicomposting at varying Altitudes & its Response on Soil Fertility in Uttarakhand	266,200.00
138	Dr Ashish Gupta Scientist-B National Institute of Malaria Research Field Unit, Sector-III, Health Centre BHEL, Ranipur Haridwar-249403 (UK) Tel: 01334-233435 E: gupta4268@gmail.com	A remote sensing and Geographical Information System (GIS) based approach for mapping, monitoring, prediction of mosquetogenic potential and Probable determinants of malaria in district Haridwar of Uttarakhand State	424,800.00
139	Dr Rekha Naithani HOD Home Science Department BGR Campus Pauri H.N.B. Garhwal Central University Pauri Garhwal (UK) - 246001 Tel: 01368-222148 E: rekhanait@rediffmail.com	Educating adolescent girls and young women on health and hygiene related issues in district Pauri of Uttarakhand	149,600.00

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140	Dr Shilpi Paul Scientist-C (Molecular Biology) Biotechnological Applications G.B. Pant Institute of Himalayan Environment & Development Kosi-Katarmal Almora (UK) Tel: 05962-241015 E: shilpipaul01@gmail.com	Twisted chir pine in Uttarakhand: Molecular marker for early detection of 'twisted' trait at the nursery stage	548,400.00
141	Dr Preeti Chaturvedi Assistant Professor Department of Biological Sciences G.B. Pant University of Agriculture & Technology Pantnagar-263145 (UK) Tel: 05944-233309 E: an_priti@yahoo.co.in	Bioprospecting of central Himalayan bryophytes for their antimicrobial potential	594,800.00
142	Dr Parul Bhatt Kotiyal Scientist 'C' Forest Soil and Land Reclamation Forest Research Institute P.O. New Forest Dehradun-248006 (UK) Tel: 0135-2224406 E: parulbhatt29@gmail.com	Soil Quality Index (SQI) for different land uses of Tehri Garhwal district of Uttarakhand	262,400.00
143	Dr Shah Raj Ali Assistant Professor Department of Chemistry D.S.B. Campus, Kumaun University Nainital - 263002 (UK) Mob: 9286900994 Tel: 05942-236943 E: shahrajali@gmail.com	Green catalytic behaviour of nanoscaled metal hexacyanocobaltates for oxidation of cumene and cyclohexene	273,900.00
144	Prof. D.K. Maheshwari Ex-Dean, Faculty of Life Sciences Department of Botany & Microbiology Gurukul Kangri University Haridwar-249404 (UK) Mob: 9837308897 Tel: 01334-246767 E: maheshwaridk@gmail.com	Isolation, identification, characterization of spore forming PGPR (<i>Bacillus and Paenibacillus</i>) from Himalayan soil and their application in agricultural crop	588,800.00
145	Dr Manjul Dhiman Head Department of Botany K.L. D.A.V. (PG) College Roorkee (UK) Mob: 9719031891 E: manjul.dhiman@rediffmail.com	Assessment of genetic fidelity and estimation of alkaloids in <i>in vitro</i> raised plants of <i>Ephedra gerardiana</i>	291,500.00
146	Dr Ruchira Tiwari Assistant Professor Department of Entomology College of Agriculture G.B. Pant University of Agriculture & Technology Pantnagar-263145 (UK) Mob: 9411006092 Tel: 05944-234399 E: ruchis03@rediffmail.com	Development of eco-friendly cow urine based formulations for honey bee disease management and crop protection in Uttarakhand	683,828.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
147	Dr Anita Sharma Associate Professor Department of Microbiology College of Basic Sciences & Humanities G.B. Pant University of Agriculture & Technology Pantnagar-263145 (UK) Mob: 9456553256 Tel: 05944-233341 E: anitasharma14@yahoo.co.in	Assessment and validation of biodegradation potential of indigenous bacteria/fungi and their consortia to degrade some common pesticides used in vegetable crops	556,300.00
148	Dr Sandeep Arora Associate Professor Department of Molecular Biology & Genetic Engineering CBSH G.B. Pant University of Agriculture & Technology Pantnagar - 263145 (UK) Mob: 8899132233 E: plantstress@gmail.com	Development of nano-formulations for enhancing plant growth and productivity	521,800.00
149	Dr Ranjana Pathania Assistant Professor Department of Biotechnology Indian Institute of Technology, Roorkee Roorkee (UK) Mob: 9761305971 Phone: 01332-285324 E: ranjanapathania@gmail.com, rpathfbs@iitr.ernet.in	Development of a bacterial pesticide degrading system for bioremediation of pesticides accumulated in the local environment	423,500.00
150	Dr K.P. Singh Associate Professor Biophysics and Nanotechnology C.B.S.& H. G.B.Pant University of Agriculture and Technology Pantnagar-263145 (UK) Mob: 9412632572 E: kps_biophysics@yahoo.co.in	Isolation, characterization and evaluation of indigenous strains of plant growth promoting rhizobacteria for important crops of Uttarakhand	427,100.00
151	Dr Bipin Chandra Joshi Assistant Professor Natural Product Laboratory Department of Chemistry LSM Govt. (PG) College Pithoragarh-262502 (UK) Mob: 9927261379 E: joshibip@rediffmail.com	Green Chemistry and Natural Products	439,000.00
152	Dr Santosh Kumar Singh Assistant Professor Department of Biotechnology S.B.S. (PG) Institute of Biomedical Sciences and Research Balawala Dehradun (UK) Mob: 09935434134, 9956125525 E: res_mol_bio@sify.com, ecocampaign@yahoo.com	Generation of Somatic hybrids of Gold Rush (Yarshagumba) and establishment of highly efficient cell culture based Bioreactor system	454,300.00
153	Ms Manu Pant Assistant Professor Department of Biotechnology Graphic Era University 566/6 Bell Road - Clementown Dehradun (UK) Mob: 9917292899 E: himaniab@gmail.com	<i>In vitro</i> propagation of Orchids and capacity building through macropropagation in Dehradun district of Uttarakhand	661,300.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
154	Smt. Prabha Bisht Scientist-B Tissue Culture Discipline Botany Division Forest Research Institute Dehradun - 248006 (UK) Tel: 0135-2224402 E: bishprabha@icfre.org, bishprabha@rediffmail.com, prabhabisht25@gmail.com	Biodiversity conservation and micropropagation of Sea Buckhorn (<i>Hippophae L.</i>) of Uttarakhand	481,800.00
155	Dr Vidya Dhar Pandey Associate Professor Department of Botany Pt. L.M.S. Government (PG) College Rishikesh (UK) Mob: 9411141252 Tel: 0135-2430495 E: vdpandey2@yahoo.co.in	Assessment of potential of cyanobacterial isolates from Garhwal region for the production of phycobiliproteins	207,900.00
156	Dr Vipin Chandra Dhyani Asst. Professor Department of Agronomy G.B. Pant University of Agriculture & Technology Pantnagar (UK) Mob: 9411855280 Tel/Fax: 05944-233473 E: dhyanivipin@gmail.com	Morphophysiological and Biochemical characterization and mitigation of terminal heat in wheat	504,900.00
157	Sh. Himanshu Rai PhD Research Scholar Department of Botany Pt. L.M.S. Govt. PG College Rishikesh-249201 Dehradun (UK) Mob:9415462755 E: himanshurai08@yahoo.com, rajankgupta1@rediffmail.com	Development of macrolichen based biomonitoring models along various habitat and land use gradients in Uttarakhand	246,400.00
158	Dr N.A Siddiqui Assistant Professor Department of Health Safety and Environment University of Petroleum & Energy Studies PO- Bidholi, Via Premnagar Dehradun (UK) Fax: : 0135-2694204 M: 9634525401, 9794908940 E: nsiddiqui57@gmail.com, nihal@ddn.upes.ac.in	Assessment of occupational health, safety & environmental problems in small industries of Uttarakhand	580,800.00
159	Dr V.P. Uniyal Scientist-E Landscape Level Planning & Management Wildlife Institute of India Post Box # 18, Chandrabani Dehradun (UK) Tel: 0135-2640111-115 Ext. 120 E: uniyalvp@wii.gov.in	Ecology, Conservation and Status of House Sparrow (<i>Passer domesticus</i>) in Uttarakhand	273,900.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
160	Dr Deo Mani Tripathi Assistant Professor Department of Zoology Pt. L.M.S Govt. Post Graduate College Rishikesh Dehradun (UK) Mob: 9411742753 E: dmtripathi31@gmail.com	Study on the causes of pollution and their effects on hydroecology of river Ganga at Rishikesh, Uttarakhand	240,900.00
161	Dr Uma Melkania Professor & Head Department of Environment Science G.B. Pant University of Agriculture and Technology Pantnagar-263145 (UK) Mob: 9412170328 Tel: 05944-234152 E: melkania_head@rediffmail.com, umamelkania@gmail.com	Effect of increased level of CO2 on crop productivity	448,800.00
162	Prof. B.L. Shah Department of Political Science & Public Administration DSB Campus Kumaun University Nainital – 263002 (UK) Mob: 9411107618, 9719742484 Tel: 05942-236410 E: blsah_nainital@rediffmail.com	Community participation in natural resource management: Capacity building of rural communities in Uttarakhand	220,000.00
163	Dr R.K. Jauhari Associate Professor & Head Department of Zoology D.A.V. (PG) College Dehradun (UK) Mob: 9412178163 Tel: 0135-2748548, 2788341 E: jauharik@hotmail.com	Intermosquito-schistosome larval antagonism- A dual benefit approach in reducing snail and mosquito borne diseases in Doon valley	266,200.00
164	Dr. Amita Saxena Professor, Department of Fishery Biology College of Fishery Sciences G.B. Pant University of Agriculture & Technology Pantnagar- 263145 (UK) Mob: 9837123204 Tel: 05944-233727, 233473 E: amitasaxena12@yahoo.co.in	Nutritive and breeding strategies for improving colouration in some ornamental fishes	359,900.00
165	Dr Rachna Nautiyal Associate Professor Department of Zoology Government (PG) College Dakpathar, Vikasnagar -248125 (UK) Mob: 9412057391 E: nautiyaldrachna@rediffmail.com, rachnanautiyal@ymail.com	Impact of Hydro-Electric projects on health of Yamuna river system using diatoms as bio indicators	273,900.00
166	Dr Vinod Kumar Bhatt Director Program & Research Navdanya Trust, 105 Rajpur Road Dehradun (UK) Mob: 9412998158 Tel: 0135-2743175 E: vinodkbhatt@gmail.com	Collection, identification, documentation of wild edible and medicinal Mushrooms of Garhwal Himalaya of Uttarakhand	247,350.00

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167	Dr Lalit Mohan Tewari Associate Professor Department of Botany D.S.B. Campus Kumaun University Nainital (UK) Mob: 9412362085 Tel: 05942-235596 E: l_tewari@rediffmail.com, lalittewari13@gmail.com	Restoration and digitization of herbarium at Botany department, Kumaun University, Nainital Uttarakhand	433,500.00
168	Dr Sanjay Gupta Professor & Head Department of Biotechnology & Biochemistry Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences and Research Balawala Dehradun-248161 (UK) Mob: 9410153750 E:sanjay_gupta9999@rediffmail.com	Assessment of the population of <i>Angelica glauca</i> in natural habitat and conservation of this endangered medicinal herb through micropropagation and elite germplasm conservation	312,400.00
169	Prof. J.S. Rawat Director Centre of Excellence for NRDMS in Uttarakhand Department of Geography Kumaun University, SSJ Campus Almora - 263601 Mob- 9411516680 Tel- 05962-235431 E: jsrawat1955@gmail.com	Impact of Climate Change on Hydrological Responses under varied ecological conditions in Kumaun lesser Himalayan Terrain	161,700.00
170	Dr Jyoti Saxena Professor and Head Department of Biochemical Engineering Bipin Tripathi Kumaon Institute of Technology Dwarhat-263653 (UK) Mob- 9411375094 E: saxenajyoti30@gmail.com	Isolation and characterization of promising plant growth promoting <i>Rhizobacteria</i> and their use as potential bioinoculants	240,900.00
171	Dr Pushpa Lohani Assistant Professor Department of Molecular Biology & Genetic Engineering CBSH G.B. Pant University of Agriculture & Technology Pantnagar-263145 (UK) Mob- 9411539749 E: pushpa.lohani@yahoo.com	Full length cloning and <i>in silico</i> analysis of <i>myb</i> gene from <i>Eleusine coracana</i> for drought stress tolerance	240,900.00
172	Dr N.S.K. Harsh Scientist-F Forest Pathology Division Forest Research Institute PO- New Forest Dehradun-248006 (UK) Mob- 0135-2752672 E: harshnsk@icfre.org	Medicinal and edible mushroom cultivation for income generation in rural areas of Uttarakhand	224,400.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
173	Dr Ruchi Badola Scientist F Ecodevelopment Planning and Participatory Management Wildlife Institute of India PO Box: 18, Chandrabani Dehradun (UK) Mob: 9412055986 Tel: 0135-2640111-115 Ext- 263 E: ruchi@wii.gov.in, hussain@wii.gov.in	Promoting livelihood security and community participation in forest conservation in fringes of Kedarnath Wildlife Sanctuary, Western Himalaya	251,900.00
174	Ms Ismita Nautiyal Scientist B Composite Wood Discipline, Wood Processing Division Forest Research Institute PO- New Forest Dehradun (UK) Mob: 9412917065 Tel: 0135-2224451 E: ismita@icfre.org, ismita06@gmail.com	To study the suitability of combi-ply from <i>Melia composita</i> and poplar	171,600.00
175	Dr Neelu Jyothi Ahuja Research Head & Assistant Professor Department of Computer Sciences College of Engineering Studies University of Petroleum and Energy Studies VPO- Bidholi, via Prem Nagar Dehradun-248007 (UK) Mob: 9411384390 E: neelu_j_ahuja@yahoo.com; neelu@ddn.upes.ac.in; kanchanupes@gmail.com	An Expert System for Integrated Solid Waste Management in Dehradun city	218,900.00
176	Dr H.J. Chowdhery Scientist Emeritus Botanical Survey of India Northern Regional Centre 192-Kaulagarh Road Dehradun (UK) Mob: 9411587223 Tel: 0135-2753433 E: hjchowdhery_bsi@rediffmail.com	Orchids of Western Himalaya with special reference to their conservation and commercialization strategies	191,400.00
177	Dr Vinita Sharma Scientist-C Northern Regional Centre Zoological Survey of India 218, Kaulagarh Road Dehradun-248195 (UK) Mob: 9634545611 E: vinitascb@gmail.com	Taxonomic studies on nematodes of Rajaji National Park, Uttarakhand	196,900.00
178	Dr GBG Pananjay Kartikey Tiwari Centre for Rural Development Ecology and Environment Protection (CRDEEP) 315/10 Kaulagarh Road Indra Vihar, Rajendra Nagar Dehradun (UK) Mob: 7409096515 E: pananjay_gbg@rediffmail.com, pananjay@gmail.com	A study of solid waste management in Municipal area of Srinagar Garhwal, Uttarakhand	177,100.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
179	Sh Sumit Purohit Senior Research Fellow Department of Biotechnological Applications GB Pant Institute of Himalayan Environment and Development Kosi Katarmal, Almora - 263643 (UK) Mob: 9410858262 E: sumit.biotech2@gmail.com	Studies on propagation and genetic diversity in <i>Zanthoxylum armatum</i>	312,900.00
180	Dr Kumud Pant Assistant Professor Department of Biotechnology Graphic Era University 566/6 Bell Road, Clement Town Dehradun (UK) Mob: 9319348009, 9897529207 E: pant.kumud@gmail.com	Elucidation of possible vaccine candidates and drug targets for Encephalitis using reverse vaccinology approach	199,100.00
181	Dr Ashish Thapliyal Associate Professor Department of Biotechnology Graphic Era University 566/6 Bell Road, Clement Town Dehradun (UK) Mob: 9557007632 E: ashish.thapliyal@gmail.com	Screening medicinal plants of Uttarakhand for modulation of secretase enzyme activity: Prospect for treatment of Alzheimer's	279,400.00
182	Dr Veena Pande Associate Professor Department of Biotechnology Kumaun University Bhimtal Campus Bhimtal-263136 (UK) Mob: 94124-19725 E: veena_kumaun@yahoo.co.in, veena_biotech@rediffmail.com	Genetic diversity of ectomycorrhizal fungi associated with <i>Quercus leucotrichophora</i> forest of Kumaun region of Uttarakhand	213,400.00
183	Dr Gunjan Purohit Assistant Professor, Deptt. of Physics, D.A.V. (P.G.) College Dehradun E: purohit_gunjan@yahoo.com, gunjan75@gmail.com Mob: 9412964514	Study of Parametric Instabilities and Plasma Wave Excitation at High Power Lasers	465,100.00
184	Dr Girish Chandra Joshi Professor, Deptt. of Physics, HNB Garhwal University Srinagar (Garhwal) E: girida49@hotmail.com Mob: 9412022128	Study of Photo Physical Processes of Fluorophors Doped in Polymers & Polymer Blends	506,300.00
185	Dr Girish Kumar Sharma Professor, Deptt. of Geology, Kumaun University, Nainital E: gksharma61@yahoo.com Mob: 9411107082	Neogene Radiolarian Biostratigraphy and Paleocceanography of Leg119 Site 738, Southern Indian Ocean	476,400.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
186	Dr Ankush Mittal Director (Research), Graphic Era University, Clement Town, Dehradun E: dr.ankush.mittal@gmail.com Tel: 9897996990	Vidya Vikas: A Central Web-portal for availability of various Academic Programmes offered by Educational Institutes	597,600.00
187	Dr Sunil Saini Director & Professor of Surgery, Cancer Research Institute, Himalayan Institute Hospital Trust, Jolly Grant, Dehradun E: drsunilsaini@yahoo.com Mob: 9412318966	Hospital based Database for Cancer in Uttarakhand Region	730,600.00
188	Dr Sunil Saini Director & Professor of Surgery, Cancer Research Institute, Himalayan Institute Hospital Trust, Jolly Grant, Dehradun E: drsunilsaini@yahoo.com Mob: 91-9412318966	Development of Cancer Tissue Repository	418,000.00
189	Dr Manju Saini Associate Professor Deptt. of Radiology Himalayan Institute of Medical Sciences HIHT University Jolly Grant Dehradun E: drmanjusaini@gmail.com Tel: 0135-2410174	Magnetic Resonance molecular & functional imaging: a prognostic marker for Breast Cancer Treatment	250,000.00
190	Dr Prasoom Dwivedi Associate Professor, Center of Energy Economic Research College of Management & Energy Studies University of Petroleum & Energy Studies Bidholi, Dehradun E: pdwivedi@ddn.upes.ac.in Tel: 0135-2102690 Mob: 9720277508	Study of energy consumption pattern of rural Uttarakhand	857,600.00
191	Mr Shyam Pandey Assistant Professor (SG), College of Engineering Studies University of Petroleum & Energy Studies Bidholi, Dehradun E: shyam@ddn.upes.ac.in Mob: 91-9897912708	Endurance Analysis and Tribiological Studies of Diesel Engines fueled with Bio-butanol, Diesel and their Blends as Alternate Fuels	725,870.00
192	Dr Vijaya Agarwala Professor, Metallurgical and Materials Engineering Indian Institute of Technology Roorkee Roorkee E: vijayfmt@iitr.ernet.in Tel: 01332-285738	Studies on Electroless Ni-P-TiO ₂ Nanocomposite Coating for Wear and Corrosion Applications	316,900.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
193	Dr Meenal Gulati Assistant Engineer, Chief Office Rural Engineering Service Department Tapovan Marg, Raipur Road Dehradun E: meenalgulati@gmail.com Mob: 91-9675988356	Effective and Economic Placement of Nails for Stability of In-Situ Slopes	314,700.00
194	Dr Mahua Mukherjee Assistant Professor, Arch. and Planning Department Indian Institute of Technology Roorkee Roorkee E: mahuafap@iitr.ernet.in Mob: 91-9411500150	Surface Transformation due to Urban Dynamics in Institutional Campuses and its Environmental Impact	291,700.00
195	Dr Brij Mohan Sharma Secretary, Society of Pollution and Environmental Conservation Scientists (SPECS), 96/II Vasant Vihar, Dehradun E: specs.ecocampaign@gmail.com Mob: 91-9411719465	To develop a Low-Cost Prototype Solar Energy Mini Generator for Home	326,400.00
196	Dr Piyoosh Rautela Executive Director, Disaster Management and Mitigation Centre, Uttarakhand Secretariat, 4 Subhash Road, Dehradun E: rautelapiyoosh@gmail.com Tel: 0135-2710232, 2710233	Dovetailing Traditional Knowledge and Climate Change Adaptation into disaster Risk Reduction to Mitigate the Wrath of Climate Induced Changes	244,000.00
197	Dr Zulfequar Ahmad Associate Professor, Deptt. of Civil Engineering, Indian Institute of Technology Roorkee, Roorkee E: civil@iitr.ernet.in Tel: 01332-275568	Discharge Characteristics of a Trench Weir	355,400.00
198	Dr D.S. Arya Associate Professor Department of Hydrology Indian Institute of Technology Roorkee Roorkee, Roorkee E: dsarya@gmail.com Mob: 91-9412072400	Studying meandering and shifting behavior of the Ganges river in plains of Uttarakhand	255,200.00
199	Dr L.P. Singh Senior Scientist Department of Materials Evaluation Laboratory CSIR-Central Building Research Institute (CBRI) Roorkee E: singh_cbri@yahoo.co.in, lpsingh@cbri.res.in Tel: 01332-283442, 283212	Performance enhancement of cementitious and polymeric materials through nanotechnology	257,400.00
200	Dr S.P. Rai Scientist 'E1', Hydrological Investigation Division National Institute of Hydrology (NIH) Roorkee E: sprai1966roorkee@gmail.com Mob: 91-9411100367	Identification of Source of Seepage/Leakage around Lake Nainital, District Nainital, Uttarakhand	259,757.00

SINo	P.I. name & Address	Project title	Amount Sanctioned (Rs)
201	Dr Rajesh Thadani Executive Director, Centre for Ecology Development and Research (CEDAR) 41/1, Vasant Vihar Dehradun E: thadani_rajesh@hotmail.com Mob: 91-9219665544	Climate Change in Uttarakhand: Current State of Knowledge and Way Forward	308,000.00
202	Dr O.P.S. Negi Assistant Professor Deptt. of Physics Kumaun University SSJ Campus Almora E: ops_negi@yahoo.co.in Mob: 91-9412092677	Magnetic Monopoles, Supersymmetry and Division Algebra	204,000.00
203	Mr R. Rajan Assistant Professor Deptt. of Mechanical Engineering Dehradun Institute of Technology Dehradun E: rajan_dun@yahoo.com Mob: 91-9897660115	Design and Fabrication of an All Terrain Vehicle	210,000.00
204	Dr Emmanuel Shubhakar Pilli Professor, Deptt. of Computer Science & Engineering, Graphic Era University Dehradun E: espilli@rediffmail.com	Investigating the Source of the Spoofed Emails	148,100.00
205	Prof D.R. Gangodkar Professor & Dean, Deptt. of Computer Science & Engineering, Graphic Era University, Dehradun E: dgangodkar@yahoo.com Mob: 91-9897576764	Automated Surveillance System for Traffic Volume Estimation and Redirection	153,600.00
206	Dr Pratibha Joshi Assistant Professor, Deptt. of Mathematics, University of Petroleum & Energy Studies, Bidholi, Dehradun E: pratibha.joshi@gmail.com	High Order Numerical Solution of some differential equations arising in engineering using Non Standard numerical techniques	68,500.00
207	Dr Rajiv Kumar Azad Assistant Professor, Deptt. of Radiology, Shri Mahant Indresh Hospital, Patel Nagar, Dehradun E: rajivas23@yahoo.com Mob: 91-9411752364	A Study evaluating the role of post contrast magnetic resonance imaging in planning and optimizing treatment of focal calcified brain lesions in patients presenting clinically with seizures in Uttarakhand region	462,000.00
208	Prof. R.S. Chauhan Department of Aquaculture College of Fisheries G.B. Pant University of Agriculture and Technology Pantnagar-263149 E: rikichauhan@rediffmail.com Mob: 6411159955	Dissemination of fish products preparation technology for sustainable livelihood of rural folk in districts Udham Singh Nagar and Nainital	401,900.00
209	Dr Sanjeev Kumar Chadha Sr. Asstt. Prof. Law H.N.B. Garhwal Central University SRT Campus Badshahithaul-249199 Tehri Garhwal (UK) E: sk.chadha123@gmail.com Mob: 9456789777	A study on cyber system: New science and technology input in the developing hill state Uttarakhand	241,000

Science Popularization Programmes (Workshop, Seminar, Training, Conference etc) – UCOST

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
1	Academy for Mountain Environics, Dehradun	Ecologically Sustainable Technology Options for Sanitation and Sewage Disposal in Uttarakhand	62942.00	30
2	KAFLOG Yuva Club, Dehradun	Income Generating Project for Rural BPL Household Training and Demonstration	50000.00	40
3	Kumaun University, Nainital	Integrated Approach to Mathematics and Statics Education- through Instructional Workshop (SUMMER SCHOOL-1) during 7-16 June,06	340000.00	120
4	H.N.B. Garhwal University, Srinagar	Physics from Atom to Galaxy: Theoretical & Technological Status	100000.00	50
5	Rashtriya Gramodhyog Vikas Sansthan, Roorkee	Seminar for the Promotion of Self-employment	44000.00	50
6	NRDC New Delhi	Seminar on 'Patent' protection, Valuation and Commercialization	125000.00	80
7	Birla Institute of Applied Sciences, Bhimtal, ainital	Training programme on "Remote Sensing and GIS including their Applications"	230000.00	60
8	Shikshan Swasthya Paryavaran Vikas Samiti, Haridwar	National Science Day 2006	22000.00	50
9	Society for Ecological & Economic Development (SEED), Pauri Garhwal	Documentation of a book in English Language namely Resource Directory on Premier Science & Technology Institution of Uttarakhand and their activities	115000.00	--
10	Invicta, Rajpur Road, Dehradun	Production and Release 15 minutes of Programme on AIR	101400.00	--
11	College of Basic Sciences and Humanities, G.B. Pant University of Ag. &Tech. Pantnagar.	Summer School on Mathematics Education through Instructional Workshop during 4th June – 16th June, 2007"	430000.00	100
12	Himalayan Action Research Centre (HARC), Dehradun	Workshop on "Technology Awareness Programme"	79000.00	50
13	College of Fisheries G. B. P. U. Ag. & Tech., Pantnagar, U.S. Nagar	Advances in Fish Farming	20000.00	50
14	Himalayan Action Research Center (HARC), Technology Resource Center, Naugaon	Agricultural Techniques Development Fair 06-07	43000.00	40
15	VISION, Govind Nagar, Rishikesh	Conference on "Role of Media in Popularisation of Science & Technology in Uttarakhand"	55000.00	50
16	Kumaun University Nainital	Himalaya: Modern and Past Climates (HIMPAC-2)	150000.00	30
17	College of Basic Sciences & Humanities, G.B.P.Univ. Agri. & Tech., Pantnagar	Instructional Workshop on "Scientific Computing Theory and Practices (SUMMER SCHOOL)"	355000.00	40
18	Botanical Survey of India, Dehradun	International Biodiversity Day Celebrations	132000.00	60
19	S.B.S.P.G. Institutes of Biomedical Science and Research, Balawala, Dehradun	Microbial Diversity: Indicator of Pollution in Gangetic River System of Uttarakhand	80000.00	50

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20	HNB Garhwal University, Srinagar, Uttarkhand	National Seminar on "Management Strategies for the Indian Himalaya: Development and Conservation	75000.00	30
21	Gurukul Kangri University, Haridwar	National Seminar on "Medicinal Plants: Conservation, Cultivation and Utilization	45000.00	35
22	Forest Research Institute, Dehradun	National Symposium on "Plant Biotechnology In Vitro Regeneration & Cloning Technique"	160000.00	40
23	Indian Veterinary Research Institute, and G.B.Pant University Pantnagar	National Symposium on Animal Welfare and sustainable Health through Recent Recent Therapeutic and Disease Management Strateiges	100000.00	50
24	Indian Institute of Petroleum (IIP) Dehradun	National Symposium on Catalysis for Future Fuels	50000.00	50
25	Central Himalayan Environmental Association, Mallital, Nainital	Seminar on "Environmental Conservation and Livelihood Generation in Indian Central Himalaya	150000.00	50
26	National Service Scheme (NSS), Uttarakhand	State Level Programme on "Scientific Explanation of so Called Miracles"	397000.00	60
27	L.S.M. Govt. P.G. College, Pithoragarh	State Level Seminar on "Opportunities and Scope for Research in Government Colleges".	60000.00	40
28	Dehradun Institute of Technology, Dehradun	Two days exhibition on Creativity and Innovation Day	460000.00	60
29	National Research Development Corporation (NRDC), New Delhi	Two GI Sensitization Workshops on "How to Protect & Promote Products- Handicrafts, Natural, Agricultural & Industrial Goods" at Mussoorie and Bageshwar	250000.00	50
30	National Research Development Corporation (NRDC), New Delhi	Two Regional Seminars on "Intellectual Property & Innovation Management in the Knowledge Era" at Almora and Nainital	300000.00	120
31	National Research Development Corporation (NRDC), New Delhi	Two Regional Seminars on "Intellectual Property & Innovation Management in the Knowledge Era" at Roorkee and Haridwar	300000.00	150
32	National Service Scheme (NSS), Uttarakhand	Watershed Management Training Programme	392000.00	40
33	Uttaranchal College of Science & Technology, Dehradun	Workshop on "Emerging Trends on the Advancement of Science and Technology in Harnessing the Potential of Microorganisms"	95000.00	50
34	D.S.B. campus, Kumaun University, Nainital	Workshop on Plant Tissue Culture: A Course Designed for M.Sc. (Botany) Students of P.G. Colleges in Uttaranchal	360800.00	40
35	D.B.S. (PG) College, Dehradun	Workshop on Science & Right to Information	43000.00	50
36	University of Petroleum Energy & Studies, Premnagar, Dehradun	Workshop on Solid Waste Management	50000.00	60
37	D.B.S. (PG) College, Dehradun	Workshop on the framework of "Science Policy" of Uttarakhand State"	173000.00	70

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38	Himalayan Institute for Rural Awakening (HIRA), Rishikesh	Yemkeshwar Vikas Khand (Pauri Garhwal)	45000.00	60
39	NSS Dehradun	Planet Earth Activity	500000.00	80
40	SPECS, Dehradun	Planet Earth Activity	500000.00	80
41	PAHAL, Pithoragarh	Planet Earth Activity	500000.00	80
42	NSS Dehradun	National Science Day Celebration	450000.00	70
43	Govt P.G. College, Rishikesh	Academic Interaction with Appalachian State University, USA	14400.00	50
44	D.A.V. (P.G.) College, Dehradun	Australian National Chemistry Quiz (ANCQ) - 2006	78600.00	65
45	SPECS, Dehradun	Science for all Science Awareness Mela in the Seven Districts of Garhwal Uttarakhand	40000.00	60
46	IIT Roorkee	3 rd International Workshop on Regional Harmonization of Wind Loading and Wind Environment Specification in Asia-Pacific Economics	145000.00	50
47	CDO, Gopeshwar, Chamoli	The Gravity based Material Handling Ropeway	420000.00	--
48	SPECS Dehradun	Orientation and Training Workshop for Strengthening the Vigyan Prasar Kendras of Garhwal	479600.00	60
49	HNB Garhwal University, Srinagar Garhwal	Recent Trends in Renewable Energy Sources and Technologies	103000.00	50
50	HNB Garhwal University, Srinagar Garhwal	Physics from Atom to Galaxy: Theoretical and Technological Status	100000.00	60
51	Indian Veterinary Research Institute, Mukteswar, Nainital.	Conventional and Biotechnological approaches for Sustainable Development in Sub-Himalayan Region-(CBASD-2007)	45000.00	70
52	Dehradun Institute of Technology, Dehradun	Information and Communication Technology: ICT-2007 during 26-28 July.	105000.00	50
53	HNB Garhwal University, Srinagar	National Seminar on Recent Trends in Renewable Energy Sources and Technologies during 16-17 November, 2007	103000.00	50
54	Gurukul Kangri University, Haridwar	Instructional Workshop on Molecular and Applied Microbiology	350000.00	60
55	Forest Research Institute, Dehradun	Preparation and Publication of a Souvenir to mark the Centenary Year (FRI)	155000.00	--
56	NSS Dehradun	State Level Ham Training Programme for Volunteers and Programme Officer of National Service Scheme (NSS)	238000.00	80
57	ARIES, Nainital	IASM Talk in Nainital by Prof. K. Kasturirangan	10000.00	60
58	Marshall School, Dehradun	Physics Simulation Software	5000.00	50
59	Doon Valley Public School, Dehradun	Physics Simulation Software	5000.00	50
60	REEDS, Champawat	Vigyan Mela & Debate on Nature for Future	15000.00	500 above
61	Himalayan Gram Vikas Samiti, Pithoragarh	Vigyan Mela & Debate on Nature for Future	15000.00	--
62	Gramin Uttan Samiti Kapkot, Bageshwar	Vigyan Mela & Debate on Nature for Future	15000.00	--
63	Himalayan Lak Sahitya Avam Sanskriti Vikas Trust, Dehradun	Vigyan Mela & Debate on Nature for Future	15000.00	--
64	SPECS, Dehradun	State Level Resources Person Training on Nature Activity Camp	100000.00	60
65	Birla Institute of Applied Sciences, Bhimtal, Nainital	Third Summer School on Mathematics education through Instructional Workshop for Undergraduate and Postgraduate Students	330000.00	150

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66	FRI, Dehradun	Consultative of Research Development Institute	250000.00	60
67	PAHAL, Pithoragarh	Teacher's Science Congress	175000.00	60
68	Wildlife Preservation Society of India, Dehradun	Strengthening the Wildlife Preservation Society of India, Dehradun	143000.00	60
69	Society Towards Environmental Protection, Dehradun	Water Conservation and Environmental Awareness amongst School Children and Villagers	25000.00	40
70	NSS Dehradun	State Level Workshop for Organizing Australian National Chemistry Quiz (ANCQ-2007)	195000.00	50
71	NSS Dehradun	Water Conservation and Management Workshop at Garhwal & Kumaun Regions	330000.00	50
72	HNB Garhwal University, Srinagar	International Tropical Ecology Congress, 2007	200000.00	60
73	Indian Veterinary Research Institute, Mukteshwar	Satellite Symposium on Virus Vaccinology Strategic and Blueprints VAT 2007	135000.00	70
74	Bhartiya Vikas Avam Siksha Sansthan, Dehradun	Role of Media in Science Popularization in Uttarakhand	140000.00	50
75	CBRI, Roorkee	Challenges and Application of Mathematical Modeling Techniques in Building Science & Technology (CEM2TBST)	50000.00	60
76	SPECS, Dehradun	Vigyan Diwas Celebration in Garhwal Region with VPK's of Garhwal	450000.00	100
77	SPECS, Dehradun	Documentation and Report Writing for Strengthening of VPK's	200000.00	
78	PAHAL, Pithoragarh	Vigyan Diwas Celebration in Kumaun Regions with VPK's of Kumaun	450000.00	100
79	PAHAL, Pithoragarh	Brain Storming Workshop on National Science Day 2008 in Kumaun Region	130000.00	--
80	SMJN (PG) College, Haridwar	Global Warming its impact on Environment Economy, Society and Politics	50000.00	50
81	NSS, Dehradun	Energy Conservation: Awareness and Education through a Student's Movement	55000.00	60
82	Gurukul Kangri University, Haridwar	Techniques in Water and Wastewater Treatment	15000.00	70
83	NASI, Uttarakhand Chapter, Dehradun	Popularizing Science and Enhancing State of Uttarakhand	382000.00	50
84	Bhartiya Vikas & Shikshan Sansthan, Adoiwala, Dehradun	Vigyan Sanchar Sangeet Sandhya	92500.00	40
85	G.B. Pant Engg. College, Pauri Garhwal	Second Summer School on Mathematics Education through Instructional Workshop	430000.00	120
86	DSB Campus, Kumaon University, Nainital	Living in High Altitudes Cultural and Environment in Uttarakhand Himalaya	121000.00	50
87	G.B. Pant University of Agriculture & Technology, Pantnagar	Advances in Mathematics Historical Development & Engineering Application	135000.00	60
88	Govt. P.G. College, New Tehri	Development of Reservoir Fisheries & Conservation of Aquatic Biodiversity in Uttarakhand with Particular Reference to Tehri Dam Project	50000.00	60
89	UBBFDB, Dehradun	Survey of the Forest based raw material which can be used in hand made paper making with area wise availability	130000.00	50
90	Gurukul Kangri University, Haridwar	Medicinal Plants: Conservation, Cultivation and Utilization	60000.00	70

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
91	Central Himalayan Envir. Association, Mallital	Environmental Conservation and Livelihood Generation in Indian Central Himalaya	150000.00	50
92	Dolphin P.G. Institute of Bio-Medical & Natural Sciences, Dehradun	Biotechnology Education	100000.00	50
93	Kumaun University, Almora	Computers in Chemistry	88000.00	70
94	Indian Science Writer's Association (ISWA) Uttarakhand Chapter, Dehradun	Popular Lecture	192000.00	80
95	Gurukul Kangri University, Haridwar	Status of Biodiversity and Conservation	80000.00	50
96	Govt. (P.G.) College, Pithoragarh	Annual Conference of Academica & Seminar on Transition to Knowledge Base Society	70000.00	60
97	Indian Institute of Technology, Roorkee	Tech Expo	150000.00	70
98	Govt. (P.G.) College, Haldwani	Relevance of Yoga in the Present Context as Science of living	60000.00	50
99	Pine View School, Vanasthali, Dehradun	Popular Lecture	5000.00	50
100	Secretary, SPECS, Dehradun	Popular Lecture and Honor of Meritorious Student of Uttarakhand	85000.00	60
101	Uttarakhand Space Application Centre(USAC), Dehradun	National Conference on Geomatics and Impact Geomatics 2009	250000.00	70
102	Krishi Vigyan Kendra, Dhakrani, Dehradun	Pradeshic Sanghoshti & Kisan Mela at Krishi Vigyan Kendra, Dhakrani, Dehradun	75000.00	80
103	Graphic Era University, Dehradun	Contribution of India's Ramanujam in the Development of Mathematics	115000.00	50
104	Indian Institute of Technology (IIT), Roorkee	Housing and Disaster Mitigation Efforts in India Cause Case Studies by IIT, Roorkee	100000.00	55
105	Forest Research Institute, Dehradun	Entrepreneurship Development Programme for Sisal Fiber	187508.00	60
106	Lokhit Foundation, Dehradun	Enhancement of Scientific Temper and Innovation Skills in School Children at Dehradun & Pauri	70000.00	70
107	NASI, Uttarakhand Chapter Dehradun	Intellectual Property & Innovation Management in Knowledge Era	200000.00	100
108	Bratpliji Evam Pannalaji Smriti Nyas, Almora	Traditional Knowledge Systems: Origins, Interactions & Relevance for Development	140000.00	60
109	Society of Pollution & Environmental Conservation Scientists (SPECS), Dehradun	Science in Toy making: A Creative Way of Teaching Scientific Principles	32250.00	70
110	SCIRT, Narendra Nagar, Tehri	State Science Festival 2008 & 2009	250000.00	60
111	Dhadh Prakashan Swayatt Sahakarita, Dehradun	Role of Garhwali Dialect in Promotion of Science & Technology in Day to Day Life	11000.00	50
112	Uttarakhand Lok Saithya Evum Sanskriti Manch, Kotdwar	Popular Lecture and Award Ceremony for Meritorious Student of Science & other subject	40000.00	60
113	National Research Development Corporation (NRDC), New Delhi	Intellectual Property & Innovation Management in Knowledge Era	750000.00	100
114	D.A.V. (P.G.) College, Dehradun	Innovation & Technology Management	295000.00	50

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
115	D.A.V. (P.G.) College, Dehradun	Role of Youth in Mitigating the Impact of Climate Change for Sustainable Development	100000.00	60
116	D.A.V. (P.G.) College, Dehradun	ANCQ and Drinking Water Parameters under Networking for WASH Campaign	100000.00	70
117	Kumaun University, Nainital	Responses of Eco-biological Components to the Phenomenon of Global Warming	70000.00	60
118	Action & Research for Conservation in Himalayas (ARCH), Dehradun	The Great Himalayan Bird Count Water- 2009	175000.00	200
119	Shri Guru Ram Rai (P.G.) College, Dehradun	Recent Trends in the Astronomy in the Advancement of Astronomy & Applied Mathematics	60000.00	50
120	Chief Project Officer, UREDA, Dehradun	Awareness Programme on Emerging Technology & Issue in LED Lights	125000.00	60
121	Hindi Vigyan Sahitya Parishad, BARC	Industrial Development and Environment Protection in the Hilly Areas	50000.00	60
122	SPECS, Dehradun	Science for All-Science Exhibition for Common Masses of Garhwal Region	100000.00	50
123	D.A.V. (P.G.) College, Dehradun	National Seminar on New Innovations in Parasitological Research	40000.00	110
124	UGC-Academic Staff College, Kumaun University, Nainital	Ecology and Culture in Uttarakhand	50000.00	60
125	D.B.S. (P.G.) College, Dehradun,	Environmental Conservation, Sustainable Natural Resource Management and Strategies for Regional Development	40000.00	100
126	L.S.M. (P.G.) College, Pithoragarh	UGC Seminar on Intellectual Property Rights (IPRs)- Protection and enforcement of IPR global knowledge economy: Opportunities and challenges"	20000.00	105
127	Central Himalayan Environment Association, Mallital, Nainital	Indian Mountain Initiative for sustainable Mountain Development	250000.00	150
128	HNB Garhwal University, Srinagar (Garhwal)	Green Chemistry Education: <i>Necessity of a sustainable Future</i>	250000.00	149
129	Beehive College of Advance Studies, Central Hopetown, Selaqui, Dehradun	BIOLOGIC 2011	30000.00	500
130	DSB Campus, Kumaun University, Nainital	Local and Regional Responses to Globalization in the Mountain and Marginal Areas of the World	70000.00	80
131	College of Technology, G.B. Pant Univ. of Agri. & Tech., Pantnagar	COLOSSEUM 2011	40000.00	210
132	PCCF Wildlife & Chief Wildlife Warden, Uttarakhand, Mohobbewala, Dehradun	कार्बेट प्लेटिनम जुबली मानव वन्य जीव संघर्ष गोष्ठी – समस्या एवं निदान	130000.00	800
133	Dasholi Gram Swarajya Mandal, Gopeshwar, Chamoli	वर्तमान विकास की प्रक्रिया का पर्यावरण एवं आम आदमी पर प्रभाव-उच्च हिमालयी क्षेत्रों के संदर्भ में दो दिवसीय संगोष्ठी	94478.00	105
134	D.B.S. (P.G.) College, Dehradun	Biodiversity vis-a-vis Environmental Degradation in Hilly Terrains	25000.00	145
135	SPECS Dehradun	Explaining Science behind So-called Miracle – Training and Demonstration Workshop	60000.00	45
136	GIC Thalissain, Pauri Garhwal	Scientific Awareness Programme for Students & Rural People	80000.00	50
137	SPECS Dehradun	Training Workshop on Astronomy	70000.00	120

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
138	The Institutions of Engineers (Uttarakhand State Center), Dehradun	Environmental Management & Climate Change	80000.00	65
139	Maya Institute of Technology & Management, Selaqui, Dehradun	Natural Products: Green Interface between Chemistry and Environment	60000.00	45
140	Graphic Era University, Dehradun	Network Security Issues and Resource Optimization	40000.00	70
141	Graphic Era University, Dehradun	Current Trends in Pharmaceutical and Biopharmaceutical Industries and Student meet on Development of Translation Innovative Trends in Life Sciences	25000.00	150
142	Uttaranchal College of Technology & Bio-medical Sciences, Dehradun	Body Implanted Micro System Technology	50000.00	200
143	Uttarakhand Open University, Unchapul, Haldwani, Nainital	Ayurveda, Yog and Naturopathy – The Ancient Way of Healthy Living through O.D.L. in 21 st Century	80000.00	250
144	SSJ Campus, Kumaun University, Almora	International Colloquium on History of Mathematical Sciences and Symposium on Non-linear Analysis	90000.00	120
145	Uttarakhand Forestry Research Institute, Haldwani	Shrimati Gaura Devi Memorial Lecture Series for Popularizing Forest Conservation and People's Participation	80000.00	150
146	Uttarakhand Forestry Research Institute, Haldwani	Van Vigyan Mela 2011	80000.00	250
147	Graphic Era University, Dehradun	Advances in Natural Product Chemistry and Sustainable Development	40000.00	100
148	G.B. Pant Univ. of Agri. & Tech., Hill Campus, Ranichauri, Tehri Garhwal	Technological Interventions for Sustainable Agriculture	80000.00	--
149	Confederation of Indian Industries (CII) Uttarakhand State Office, Dehradun	3 rd Environmental Summit – 2011 (Celebrating 75 years of Jim Corbett Tiger Reserve)	157332.00	70
150	Doon University, Dehradun	Celebrating International Year of Forest on World Environment Day & Food Security in Himalaya	25000.00	110
151	Govt. Degree College, Karanprayag, Chamoli	Role of Mathematical and Physical Sciences in Engineering and Technology	80000.00	85
152	University of Petroleum & Energy Studies, Bidholi, Dehradun	Emerging Interfaces of Physical Sciences	120000.00	648
153	Himalayan Water Service tatha Vikas Avam, Haldwani	Modern Local Agro, Plans Flowers, Fruits and Forests (MLAPFFF) for Sustainable Development and Management of Water in Hills of Uttarakhand	25000.00	50
154	National Institute of Hydrology, Roorkee	Advance Soft Computing Techniques in Hydrology and its Applications (ASCTHA-2011)	100000.00	38
155	HNB Garhwal University, Srinagar Garhwal	Resources, Environment and Development of the Indian Himalaya: Issues and Strategies for Sustainable Development	100000.00	200
156	Govt. P.G. College Gopeshwar, Chamoli	Recent Trends in Micro and Macro Physics	85000.00	200
157	Industries Association of Uttarakhand, Dehradun	GoU-IAU Ambassadors Meet	25000.00	300
158	HNB Garhwal University, Srinagar (Garhwal)	Recent Developments in Chemistry and Chemical Education	60000.00	80
159	Anmol Gram Swarajya Sansthan, Premnagar, Dehradun	Workshop cum Training for Meteorological Data Collection	50000.00	100

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
160	Society of Pollution and Environmental Conservation Scientists, Dehradun	S&T Training on Making of Energy Efficient Lights	73190.00	25
161	G.B. Pant University of Agriculture & Technology, Pantnagar	Pesticides, Food Safety & Environment	47728.00	136
162	Himalayan Gram Vikas Samiti, Dasaithal (Gangolihat), Pithoragarh	Science Outreach Programme	60000.00	130
163	Kumaun University, DSB Campus, Nainital	Emerging Trends in Chemistry-Biology Interface (ETCBI-2011)	100000.00	250
164	Action & Research for Conservation in Himalayas (ARCH), Dehradun	4 th Great Himalayan Bird Count-2011	150000.00	222
165	People's Association of Hill Area Launchers (PAHAL), Dehradun	National Children's Science Congress	183100.00	12300
166	Indian Institute of Technology Roorkee, Roorkee	Disaster Mitigation & Management	100000.00	--
167	Gurukula Kangri University, Haridwar	World Congress for Man and Nature "Global Climate Change & Biodiversity Conservation	100000.00	800
168	G.B. Pant University of Agriculture & Technology, Pantnagar	Livestock Productivity Enhancement with Available Feed Resources	70000.00	250
169	Dehradun Institute of Technology, Dehradun	Emerging Trends in Energy Engineering (ETEE'12)	80000.00	35
170	Vice Chancellor, Uttarakhand Open University, Haldwani	ICT – Initiatives, Policies and Governance	150000.00	150
171	Gurukula Kangri University, Haridwar	Green Technologies for Environmental Rehabilitation	200000.00	550
172	Govt. P.G. College, Lansdowne, Pauri Garhwal	Environmental & Biodiversity: Safeguarding Ecosystem for Humanity	55000.00	150
173	Gurukul Kangri University, Haridwar	Innovations and Applications in Engineering & Applied Sciences	80000.00	200
174	Kumaun University, SSJ Campus, Almora	Climate Change: Impacts, Mitigation and Adaptation	60000.00	55
175	Computer Society of India, Uttarakhand Chapter, Dehradun	Interschool Quiz Competition (Computer Science)	70000.00	81
176	Society of Pollution and Environmental Conservation Scientists, Dehradun	Popular Lecture and Demonstration Programme	55000.00	300
177	G.B. Pant University of Agriculture & Technology, Pantnagar	Balanced Fertilizer to Sustainable Soil Health, Crop Production & Food Security	60000.00	160
178	S.G.R.R. Institute of Technology & Sciences, Dehradun	RAITM'12	100000.00	130
179	Uttarakhand Seva Nidhi Paryavaran Shiksha Sansthan, Almora	SAMVAD – 2011	106660.00	225
180	Institution of Engineers (India), Uttarakhand State Center, Dehradun	Applications of Imaging, Visualization and Optimization Techniques	60000.00	150
181	Himalayan Institute of Medical Sciences, HIHT Deemed University, Jollygrant, Dehradun	XVII INDO-US International CME-INTCME-2012	150000.00	300
182	Govt. P.G. College, Rudrapur	Recent Trends in Material Science & Nano Structure	65000.00	73
183	National Institute of Hydrology (NIH), Roorkee	Water Resources Management in Changing Environment	72000.00	76

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
184	G.B. Pant Institute of Himalayan Environment & Development, Kosi-Katarmal, Almora	Impacts of Global Change on the Dynamics of Snow, Glaciers and Runoff over the Himalayan Mountains with particular reference to Uttarakhand	200000.00	42
185	Kumaun Univeristy Campus Bhimtal	National Science Day 2012	49270.00	160
186	UGC-Academic Staff College, Kumaun University, Nainital	Issues Surrounding IPRs in Uttarakhand	47556.00	--
187	Kumaun University, Nainital	Geology and Geo-Resources of Himalaya and Cratonic Regions of India	50000.00	125
188	M.B. Govt. P.G. College, Haldwani, Nainital	Recent Trends in Interdisciplinary Research and Astrophysics Space Science	70000.00	200
189	Institute of Technology Roorkee, Roorkee	10 th Technical Festival "Cognizance 2012"	60000.00	1700
190	K.L. D.A.V. (P.G.) College, Roorkee	National Conference on Knowledge Sharing and IP Management Evolving Strategies in India	25000.00	200
191	Lokhit Foundation, Dehradun	Innovative Science Reporting through Television and Print Media	100000.00	--
192	People's Association of Hill Area Launchers (PAHAL) Dehradun	Darwin Tujhe Salaam	425000.00	800
193	University of Petroleum and Energy Studies (UPES), Dehradun	Waste to Energy – Environmentally Friendly Technologies	30000.00	25
194	Confederation of Indian Industries, Uttarakhand State Office, Rajpur Road Dehradun	04 th World Environment Summit 2012	1,50,000.00	148
195	LSM Govt. PG College, Pithoragarh	Biodiversity, Culture and Heritage Sites: Means and Ways to Conserve	60,000.00	--
196	Society of Pollution & Environmental Conservation Scientists (SPECS), Vasant Vihar, Dehradun	Exhibition on Environment	1,60,000.00	200
197	Centre for Ecology Development & Research (CEDAR), Vasant Vihar, Dehradun	Ecosystem Services rendered by the Himalayan Mountains in National Accounting	2,00,000.00	31
198	Gurukul Kangri Vishwavidyalaya, Haridwar	Taxonomy Keys and Identification tools of different groups of flora and fauna	2,57,930.00	50
199	Society for People's Economic Development (SPeED), Dehradun	Water Management Planning in a Micro-Catchment of the Hilly Area	41,277.00	52
200	L.S.M. (P.G.) College, Pithoragarh	National Seminar on Geology, Biodiversity and Natural Resources of Himalaya and their Intellectual Property Law	40,000.00	125
201	CSIR-Central Building Research Institute, Roorkee	Emerging Trends of Energy Conservation in Buildings (EECB-2012)	65,000.00	70
202	Dev Sanskriti Vishwavidyala, Gayatrikunj-Shantikunj, Haridwar	Science Communication Challenges & Opportunity	45,000.00	100
203	Gurukul Kangri University, Haridwar	Scientific Computing: Theory & Practices (SCTP-2012)	2,25,000.00	--
204	The Institution of Engineers (India), Roorkee Local Centre, IIT Roorkee Campus, Roorkee	Twenty-eighth National Convention of Civil Engineers and National Seminar on Role of Infrastructure for Sustainable Development	80,000.00	200
205	DAV (PG) College, Dehradun	RET Screen Software for Renewable Energy Projects Evaluation	77,000.00	50

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
206	Graphic Era University, Dehradun	Workshop on Wireless Sensor Networks	93,000.00	
207	Bagwan Gramoudyog Samiti, Village- Shyampur, Ambivala, Premnagar, Dehradun	Awareness Generation on Ganoderma lucidum (Red Mushroom) and its commercial cultivation through the Farmers	64,000.00	105
208	Balsahitya Shodh avam Samvardhan Samiti, Ranikhet Road, Almora	Balsahitya mein Vigyan Lekhan	50,000.00	84
209	National Institute of Hydrology, Roorkee	Advance Soft Computing Techniques in Hydrology and its Applications (ASCTHA-2012)	50,000.00	40
210	UGC-Academic Staff College, Nainital	Issues Concerning Copyrights	40,000.00	70
211	Quantum School of Technology, Roorkee	Advanced and Sustainable Computing Technologies (ASCOT-2012)	60,000.00	145
212	Indian Veterinary Research Institute (IVRI), Mukteswar	Immunobiology and Management of Viral Diseases in 21 st Century	70,000.00	231
213	CSIR- Central Building Research Institute (CBRI), Roorkee	Advanced Materials for Energy Efficient Buildings (AME ² B-2013)	1,00,000.00	
214	SPECS, Dehradun & PAHAL, Dehradun	NASI Popular Lecture on Mathematics	3,75,000.00 3,15,000.00	13394
215	Uttarakhand Seva Nidhi Paryavaran Shiksha Sansthan, Almora	SAMVAD 2012	1,12,945.00	--
216	Lok Vigyan Kendra, Almora	Role and Relevance of Traditional Knowledge Systems in Uttarakhand	1,75,000.00	40
217	University of Petroleum & Energy Studies, Dehradun	Emerging Trends in Medicinal Patents and Performers Rights	50,000.00	--
218	Rishikul State P.G. Ayurvedic College & Hospital, Haridwar	Yogic Science and Holistic Health	60,000.00	--
219	Chief Conservator of Forest (Eco-tourism) Uttarakhand, Dehradun	Bird Watching Camps	1,20,000.00	19
220	Chief Conservator of Forest (Eco-tourism) Uttarakhand, Dehradun	State Level Nature Guide	1,70,000.00	30
221	Govt. P.G. College, Lansdowne (Jaiharikhal), Pauri Garhwal	Role of Mathematics and its Applications in Development of Science and Technology	60,000.00	--
222	G.B. Pant University of Agriculture & Tech., Pantnagar	Integrated Development of Vast Biodiversity of Indigenous Livestock for Long term rural livelihood security	80,000.00	167
223	Government PG College, Gopeshwar, Chamoli	Concept of Physics: Popular Lectures, Demos and Low Cost Experiments	60,000.00	56
224	Gyani Inder Singh Institute of Professional Studies, Mussoorie Diversion Road, D.Dun	17th Annual Convention of Society of Pharmacognosy and International Symposium on Frontiers in Herbal Cosmetic and Nutraceuticals	80,000.00	400
225	LSM Govt. PG College, Pithoragarh	Innovations in Ethnopharmacology, Recent Developments in Biological & Chemical Sciences for Societal Benefits	60,000.00	289
226	HNB Garhwal University, Srinagar (Garhwal)	27th Meeting of the Indian Association for General Relativity & Gravitation	90,000.00	134
227	Gurukul Kangri Vishwavidyalya, Haridwar	The Physics and Mathematics of the Universe	47,440.00	176
228	HNB Garhwal University, Srinagar (Garhwal)	Recent Advances in Material Science "NCRAMS-13"	60,000.00	--

S. No.	Name of Organization/Institute	Topic/Title of Programme	Amount Sanctioned (in `)	Total No. of Beneficiaries
229	School of Environment & Natural Resources, Doon University, Dehradun	Green Technology for Sustainable Environmental Management	80,000.00	--
230	University of Petroleum & Energy Studies, Dehradun	Waste to Energy- Environmental Friendly Techniques with special emphasis on E-Waste Management	35,000.00	30
231	HNB Garhwal University, Srinagar (Garhwal)	Indo-US Workshop on Green Chemistry for Environment & Sustainable Development	80,000.00	150
232	G.B. Pant University of Agriculture & Technology, Pantnagar	Medicinal and Aromatic Plants in Uttarakhand	75,000.00	250
233	Indian Institute of Technology Roorkee, Roorkee	Challenges in Disaster Mitigation and Management Strategies	85,000.00	--
234	Computer Society of India (Uttarakhand Chapter), Dehradun	Inter-School Quiz Competition	33,200.00	78
235	Dehradun Institute of Technology, Dehradun	Advances in Communication & Control System	80,000.00	--
236	S.G.R.R. (P.G.) College, Pathri Bagh, Dehradun	Recent Advances in Chemical Approach to Drug Development	50,000.00	--
237	UGC- Academic Staff College, Nainital	The Scientific Outlook	50,000.00	--

विज्ञान एवं समाज कार्यक्रम

क्रम सं०	संस्थान का नाम	कार्यशाला का शीर्षक	प्रस्तावित लाभार्थी
1	वनस्पति एवं जैव प्रौद्योगिकी विभाग, गुरुकुल कांगड़ी विश्वविद्यालय, हरिद्वार।	राष्ट्रीय विज्ञान दिवस, विश्व ओजोन दिवस, विश्व विज्ञान दिवस	250
2	रसायन विज्ञान विभाग, एन०एन०बी० गढ़वाल विश्वविद्यालय, कैम्पस पौड़ी	युवा विज्ञान महोत्सव, वाद-विवाद प्रतियोगिता लेख, क्विज, पोस्टर इत्यादि	150
3	वनस्पति विज्ञान विभाग, राजकीय स्नातकोत्तर महाविद्यालय, उत्तरकाशी।	8 फरवरी, 2009 – महिला विकास कार्यक्रम, 22से 26 फरवरी, 2008– प्रथम पांच दिवसीय उद्यमिता विकास प्रशिक्षण, 28 फरवरी-राष्ट्रीय विज्ञान दिवस, 28 फरवरी से 2 अप्रैल- युवा विज्ञान महोत्सव, 05 जून 2008-पर्यावरण दिवस, 16 सितम्बर,- विश्व ओजोन दिवस, 11 मई-तकनीकी दिवस	450
4	रसायन विज्ञान विभाग, राजकीय स्नातकोत्तर महाविद्यालय, अगस्तमुनी, रुद्रप्रयाग।	महिला विकास कार्यक्रम, युवा विज्ञान महोत्सव, ओजोन दिवस	250
5	भू-विज्ञान विभाग, राजकीय स्नातकोत्तर महाविद्यालय, गोपेश्वर, चमोली।	ओजोन दिवस, लोकप्रिय व्याख्यान, राष्ट्रीय विज्ञान दिवस, उद्यमिता कार्यक्रम (फल संरक्षण, कैन्डल निर्माण आदि)	115
6	जैव भौतिकी विभाग, सी०बी०एस० एण्ड एच०जी०बी० पन्त कृषि एवं तकनीकी विश्वविद्यालय, पन्तनगर।	वृक्षारोपण तथा चेतना रैली का आयोजन, विद्यालयों में भाषण प्रतियोगिता, वृक्षारोपण तथा चेतना रैली, ओजोन दिवस, राष्ट्रीय विज्ञान दिवस	500
7	रसायन विज्ञान विभाग, राजकीय स्नातकोत्तर महाविद्यालय, लौहाघाट, चम्पावत।	अन्तर्राष्ट्रीय विज्ञान दिवस, युवा महोत्सव, लोकप्रिया व्याख्यान का आयोजन, विज्ञान प्रतियोगिता जैसे: वाद-विवाद प्रतियोगिता, ड्रामा, पोस्टर प्रतियोगिता, मॉडल आदि, उद्यमिता विकास कार्यक्रम	400
8	वनस्पति विज्ञान विभाग, राजकीय स्नातकोत्तर महाविद्यालय, पिथौरागढ़।	20 फरवरी से 4 मार्च 2008 तक राष्ट्रीय विज्ञान दिवस (लेख, क्विज, पोस्टर, वादविवाद, व्याख्यान माला)	425
9	भौतिकी विज्ञान विभाग, राजकीय स्नातकोत्तर महाविद्यालय, बागेश्वर।	विश्व ओजोन दिवस, विज्ञान दिवस लोकप्रिय व्याख्यान, महिला विकास कार्यक्रम(कैन्डल निर्माण, आचार, जैम, मुराबा, नमकीन, आदि) विज्ञान प्रतियोगिता जैसे ड्रामा, मॉडल विज्ञान वाद-विवाद प्रतियोगिता आदि, प्लेनेट अर्थ आदि।	800
10	जैव प्रौद्योगिकी विभाग, राजकीय स्नातकोत्तर महाविद्यालय, हल्द्वानी।	अन्तर्राष्ट्रीय विज्ञान दिवस, एन०एन०टी० युवा महोत्सव, लोकप्रिया व्याख्यान का आयोजन, विज्ञान प्रतियोगिता जैसे: वाद-विवाद प्रतियोगिता, ड्रामा, पोस्टर प्रतियोगिता, मॉडल आदि, उद्यमिता विकास कार्यक्रम, 28-29 जनवरी -बौद्धिक सम्पदा अधिकार पर कार्यशाला	700
11	सचिव, डोर, 196-बी० खारी बाजार, रानीखेत, अल्मोड़ा	युवा महोत्सव, लोकप्रिया व्याख्यान का आयोजन, विज्ञान प्रतियोगिता जैसे: वाद-विवाद प्रतियोगिता, ड्रामा, पोस्टर प्रतियोगिता, मॉडल आदि, उद्यमिता विकास कार्यक्रम राष्ट्रीय विज्ञान दिवस।	555

12	भौतिकी विज्ञान विभाग, एच0एन0बी0 गढ़वाल विश्वविद्यालय, बादशाही थौल, नयी टिहरी	11 जुलाई –विश्व जनसंख्या दिवस, 16 जुलाई– हरेला के शुभ अवसर पर जिले के कई विद्यालयों में संगोष्ठी, वृक्षारोपण तथा चेतना रैली का आयोजन, थत्युड़ विकासखण्ड के विद्यालयों में भाषण प्रतियोगिता, वृक्षारोपण तथा चेतना रैली। 6 अगस्त – हिरोशिमा व नागासी में परमाणु/अणु के दुःप्रभाव पर सामुहिक परिचर्चा का आयोजन, 9 अगस्त–नाभीकीय निःशस्त्रीकरण, 16 सितम्बर विश्व ओजोन दिवस, 16 अक्टूबर–विश्व खाद्य दिवस, 1 से 3 मार्च तक पापुलर व्याख्यानों का अयोजन, 11 मई – राष्ट्रीय तकनीकी दिवस, 31 मई को वर्ल्ड नो टोमेको दिवस, 3से 8 फरवरी –केन्द्र मानव एवं पर्यावरण विकास समिति द्वारा दिगांस	500
13	रसायन विज्ञान विभाग, डी0ए0वी0 स्नातकोत्तर महाविद्यालय, देहरादून।	28 फरवरी, 2008 अन्तर्राष्ट्रीय विज्ञान दिवस, 2 मार्च, 2008 विज्ञान एवं प्रौद्योगिकी यूवा महोत्सव, 5 जून, 2008–लोकप्रिय विज्ञान व्याख्यान, 20 जून, 2008–पर्यावरण दिवस, 2 फरवरी, 2008– वेट लैन्ड डे (जिला स्तरीय), 16 सितम्बर, 2008– विश्व ओजोन दिवस, उद्यामिता विकास कार्यक्रम (फिनाइल, चौक निर्माण आदि)	1075

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क्रमांक	प्रौद्योगिक संसाधन केन्द्र	गतिविधियां	उपकरण/सुविधाओं की सूची	लाभार्थी
1.	नौगांव, उत्तरकाशी	<ol style="list-style-type: none"> व्यवसायिक कृषि में उन्नत तकनीकी का परिचय एवं प्रचार। प्रौद्योगिकी के उचित उपयोग पर दिशा निर्देश विकसित करना। व्यवहार्यता तथा आर्थिकी के आधार पर पॉली हाऊस तकनीकी का उचित प्रदर्शन। 	<ol style="list-style-type: none"> पॉली हाऊस डेमोन्स्ट्रेशन पावर टिलर पोरस पाईप बरी उत्पादन संयंत्र हथेड़ा संयंत्र माल्टा जूसर संयंत्र वैक्यूम फिलिंग हैड चुल्लू डेकोर्टिकेटर का नवीन परिवर्तन अर्थ और वैक्यूम फिलर 	3249
2.	कालेश्वर, चमोली	<ol style="list-style-type: none"> स्वयं सहायता के द्वारा आजीविका को प्रोत्साहन। स्थानीय लोगों द्वारा स्थानीय पारिस्थितिक तंत्र को अलग कर पर्यावरण संतुलन को कायम रखना। जनता को विपणन तथा अन्य आर्थिक गतिविधियों में प्रशिक्षित करना जिससे वह अपने संसाधनों से अधिक से अधिक लाभ प्राप्त कर सके। 	<ol style="list-style-type: none"> कोलेइदल मिल विद टैंक 25 कि.ग्रा. कैपेसिटी मिक्सिंग मशीन हाईड्रो मशीन पोटेटो पीलर पोटेटो स्लाईसर नमकीन पाउच पैकिंग मशीन भुजिया मैकिंग मशीन प्रेसराईजद डीजल स्टोव नाईट्रोजन गैस सिलेंडर आर.टी.एम. कप सीलिंग, फिलिंग मशीन स्टेनलैस स्टील पैन्स हाई प्रेशर सीलिंग मशीन मैजरमेंट लाईटर 	4251
3.	जखोली शाखा, रुद्रप्रयाग	<ol style="list-style-type: none"> स्थानीय प्राप्य प्राकृतिक संसाधनों और वर्तमान प्रौद्योगिकी में नवीन परिवर्तन पर आधारित कृषि और बागवानी उपयोगी विज्ञान का प्रदर्शन। समुदाय के लिये सर्वनिष्ठ शिक्षा और ज्ञान/सूचना आदान-प्रदान केन्द्रों का विकास। स्थानीय लोगों को पर्यावरण क्षय से होने वाली हानि तथा इसके प्रबंधन की विधियाँ बताना। उच्च गुणवत्ता के बीजों, जड़ी-बुटियों, अंकुरों का उत्पादन और बचाव। 	<ol style="list-style-type: none"> कैप सीलिंग मशीन जूस फिल्टर मशीन बोटल लैमिनेशन मशीन स्टीम बॉयलर होमोलायसर एक्वा गार्ड फिल्टर माईक्रोस्कोप PH मीटर सोईल टेस्टिंग किट ह्यूकिडिटी टेस्टिंग मशीन हैन्ड रिफ्रैक्टा मीटर पौर मेजरिंग कोनसैंट्रेशन सीड एनोलिसिस किट एनीमोमीटर 	1589

क्रमांक	प्रौद्योगिक संसाधन केन्द्र	गतिविधियां	उपकरण/सुविधाओं की सूची	लाभार्थी
4.	सहसपुर, देहरादून	<ol style="list-style-type: none"> उत्तराखण्ड के ग्रामीण बागवानी प्रसंस्करण उद्यमियों के निपुण प्रशिक्षकों के साल भर के प्रशिक्षण कार्यक्रमों को चलाने के लिये वर्तमान प्रशिक्षण एवं उत्पादन केन्द्र का उच्चीकरण। बागवानी प्रसंस्करण और ग्रामीण उद्यमियों का बी.ओ./सी.बी.ओ./एस.एच.जी. प्रशिक्षण अभियान एफ.पी.ओ. स्तर के उत्पादों के द्वारा बागवानी प्रबन्धन और उद्यमिता पर आधारित काल्पनिक और व्यावहारिक प्रशिक्षण। राज्य और देश के सभी एजेंसियों का एक पूर्ण प्रशिक्षण केन्द्र के द्वारा संयोजन और विकास संभव हुआ है। 	<ol style="list-style-type: none"> पलपर जूसर मशीन मसाला गाईडर रफ़ैक्टोमीटर डिसपेंसर रूम हायग्रोमीटर श्रीक, रैपिंग मश्रीन फूड ग्रेड कन्टेनर मिक्सिंग वाशिंग टैक्स एस सेसल वैईंग मशीनी स्टेरिलाइजेशन टै।क हायड्रौलिक प्रैस सोलर सिस्टम 	150 निगुण प्रशिक्षक
5.	कानाताल, टिहरी गढ़वाल	<ol style="list-style-type: none"> वैल्यू एडिशन की सहायता से लघु उत्पादकों की आय में वृद्धि। स्वरोजगारी समूहों विशेषतः महिलाओं, बेरोजगार युवाओं आदि को सहायता से बागवानी उत्पादों का बचाव एवं प्रसंस्करण का प्रशिक्षण। अविकेन्द्रित प्रकार्यों से युक्त अनुचर ईकाईयों और केन्द्रीय उत्पादन सुविधा की स्थापना करना। जैव खाद्य पदार्थों का प्रसंस्करण। 	<ol style="list-style-type: none"> रोफ़ेक्टोमीटर स्टैनलैस स्टील टॉप टेबल इलैक्ट्रिक हीट सीलर्स वैईंग मशीन स्टोरेज ड्रम टैंक एण्ड बकेट्स नाईफ कटर एण्ड पीलिंग टूल्स लेब इक्विपमेंट एण्ड प्रिसरवेटिवस हैण्ड ओपरेटेड स्लाईसर एण्ड ग्रेटर डीजल भट्टी मैकेनिकल ड्रायर ग्राइंडर क्राउन कोर्किंग मशीन पल्पर जूसर मिक्सिंग मशीन फ्रूट मिल 	160 परिवार
6.	रानीखेत, अल्मोड़ा	<ol style="list-style-type: none"> ग्रामीण समुदायों के लिये समान शिक्षा और सूचना आदान-प्रदान केन्द्रों को विकसित करना। अनेक वैज्ञानिक कार्यक्रमों के द्वारा ग्रामीण लोगों में खास तौर पर बच्चों में वैज्ञानिक स्वभाव को उजागर करना अनेक उचित प्रौद्योगिकी प्रणालियों को अपनाकर ग्रामीण लोगों को आजीविका सुधाने में मदद प्रदान करना। अनुपूरक सहयोग के साथ आई.जी.पी. कार्यक्रमों का विकास करना जिसकी मदद से लोग अपनी आय को बेहतर बना सके। 	<ol style="list-style-type: none"> इलैक्ट्रिक जूसर हैण्ड जूसर पाउच सीलिंग मशीन डिजिटल बैलेन्स पी.पी. कैप सीलिंग लग कैप सीलिंग डेट एण्ड रेट प्रिंटिंग मशीन स्मॉल साईज बेकरी यूनिट्स हनी एक्सट्रेशन यूनिट रिफ़ैक्टोमीटर 	729

मैनुअल संख्या –13

रियायतों, अनुज्ञा-पत्रों तथा प्राधिकारों के
प्राप्तिकर्ताओं के सम्बन्ध में विवरण

[धारा 4(1) (ख) (xiii)]

रियायतों, अनुज्ञा-पत्रों तथा प्राधिकारों के प्राप्तिकर्ताओं के सम्बन्ध में विवरण

लागू नहीं।

मैनुअल संख्या –14

कृत्यों के निर्वहन के लिये स्थापित
मानक / नियम

[धारा 4(1) (ख) (xiv)]

कृत्यों के निर्वहन के लिये स्थापित मानक/नियम

सामान्यतः उत्तराखण्ड सरकार के नियमानुसार।

मैनुअल संख्या –15

किसी इलेक्ट्रॉनिक रूप में उपलब्ध सूचना
के सम्बन्ध में ब्यौरे

[धारा 4(1) (ख) (xv)]

किसी इलेक्ट्रॉनिक रूप में उपलब्ध सूचना के सम्बन्ध में ब्यौरे

<http://ucost.in> पर उपलब्ध।

मैनुअल संख्या –16

सूचना प्राप्त करने के लिये नागरिकों को उपलब्ध सुविधाओं का विवरण। किसी पुस्तकालय या वाचनालय की यदि लोक उपयोग के लिये व्यवस्था की गई हो, तो उसका भी विवरण

[धारा 4(1) (ख) (xvi)]

सूचना प्राप्त करने के लिये नागरिकों को उपलब्ध सुविधाओं का विवरण। किसी पुस्तकालय या वाचनालय की यदि लोक उपयोग के लिये व्यवस्था की गई हो, तो उसका भी विवरण

विज्ञान एवं प्रौद्योगिकी परिषद उत्तराखण्ड शासन द्वारा संचालित विभिन्न विज्ञान प्रसार केन्द्रों एवं न्यूज लेटर, ब्रोचर, साइंस किट व विज्ञान सम्बंधी पुस्तकों द्वारा नागरिकों को विज्ञान विषय से सम्बन्धित सूचनाएं एवं जानकारी उपलब्ध करायी जाती है।

विज्ञान प्रसार केंद्र :

विज्ञान को जन-जन तक पहुंचाने हेतु उत्तराखण्ड राज्य विज्ञान तथा प्रौद्योगिकी परिषद द्वारा राज्य के 22 स्थानों पर विज्ञान प्रसार केंद्र स्थापित किये गये जिनका विवरण निम्नवत है:

1. स्पीड, दियूली, यमकेश्वर, पौड़ी गढ़वाल
2. कार्ड, झूलाघाट, पिथौरागढ़
3. ग्रामीण विकास समिति, धौलादेवी, अल्मोड़ा
4. जनाधार, लाता, जोशीमठ, चमोली
5. सी.डी. आई, रूद्रप्रयाग
6. हिमाद, गोपेश्वर, चमोली
7. सरल, तल्लीताल, नैनीताल
8. बालप्रहरी, तकूला, अल्मोड़ा
9. हरितिमा बाल विकास केंद्र, सकलाना, टिहरी
10. उमा हिमालयन शोध संस्थान, जोशीयाड़ा, उत्तरकाशी
11. स्वर्णिम सोशल वेलफेयर सोसायटी, रामनगर, नैनीताल
12. पहल, पिथौरागढ़
13. मां गर्जिया विज्ञान प्रसार केंद्र, काशीपुर, उधमसिंहनगर
14. सीडैस्ट, हरिद्वार
15. युवक संघ, खाड़ी, टिहरी गढ़वाल
16. हिमालय ग्राम विकास समिति, पिथौरागढ़
17. स्पैक्स, कारबारी, देहरादून
18. हिमालयन पर्यावरण जल स्रोत एवं पर्वतीय शिक्षा संस्थान, रीठाड, बागेश्वर
19. एन-नेट डेवलपमेंट सोसायटी, देहरादून
20. हिमालयन ग्राम विकास समिति, गंगोलीहाट, पिथौरागढ़
21. लोकसंचार एवं विकास समिति, टकनारोड, पिथौरागढ़
22. पर्वतीय लोक शिक्षण समिति पोखाल, टिहरी गढ़वाल

मैनुअल संख्या –17

ऐसी अन्य सूचना जो विहित की जाए

[धारा 4(1) (ख) (xvii)]

ऐसी अन्य सूचना जो विहित की जाए

शून्य