



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय
नवाबगंज, कानपुर - 208002, उ.प्र., भारत
HARCOURT BUTLER TECHNICAL UNIVERSITY
NAWABGANJ, KANPUR - 208002, U.P., INDIA
(Formerly Harcourt Butler Technological Institute, Kanpur)

100 YEARS
1921 - 2021

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in

6/29/22, 4:03 PM

Gmail - Fwd: Revised Proposals



Zeenat Arif <zeenatarif61@gmail.com>

Fwd: Revised Proposals

1 message

Ashwani Rathore <akrathore75@gmail.com>
To: zeenatarif61@gmail.com

Wed, Jun 29, 2022 at 4:01 PM

----- Forwarded message -----
From: **krishna raj** <kraj_biet@yahoo.com>
Date: Tue, Feb 28, 2017 at 12:45 PM
Subject: Revised Proposals
To: Ashwani Rathore <akrathore75@gmail.com>

Dear Prof. A K Rathore,
Greetings!!

We are pleased to inform you that based on project proposals presented before PAAB members on 16 February 2017, your following Proposal has been selected for this phase of DIC activities. This approval will be subjected to revision of Budget (10 Lakh Max.) and revised project proposals as per suggestions given during the presentations.

As per following details, you are requested to PIs submit Revised Proposals soon i.e. latest by 6th March 2017. End date of all these Projects will be End March 2018.

Microwave Extraction of Essential Oils -Prof. A K Rathore & Prof. S K Gupta; Remark: To Consult Prof Anish Upadhyay anishu@iitk.ac.in, (Budget to be Modified) SPOKE Faculty Project

Dr. Krishna Raj
Professor, Electronics Engineering Department
&
Dean of Incubation Hub
Harcourt Butler Technical University
Kanpur-208002, Uttar Pradesh, India.

SERB-Notification

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: serbinfo1@gmail.com

Thu, Dec 2, 2021 at 3:48 PM



Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

SCIENCE & ENGINEERING RESEARCH BOARD (SERB)

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

File Number: TAR/2021/000207

Dated: 02-Dec-2021

Subject: Project titled ""Effect of Nano Fillers for the performance improvement of composites for diverse applications""

Dear Dr. G L Devnani,

We are happy to inform you that your application cited above has been approved by the Science and Engineering Research Board for funding under **Teachers Associateship for Research Excellence (TARE)**. The following are the approved items for a period of three years.

Research Grant ? As per SERB-TARE norms

Fellowship ? As per SERB-TARE norms

Overhead Charges ? As per SERB-TARE norms

1. This approval letter is valid subject to the fulfilment of all the eligibility criteria for the TARE and submission of required documents.
2. You are requested to submit the joining report in the host institute and submit relevant documents within one month from the date of receipt of this letter. Projects requires ethical / biosafety / stem cell / wildlife clearances etc.candidate will be allowed to join the host institute only after acquiring such clearances.
3. The grant will be effective from the date of joining in the host institution.
4. Follow the norms of host and parent institutions while implementing the project. Please visit our website www.serbonline.in for the terms & conditions of the grant.

Kindly quote the reference number in all future correspondence. The reference no. **TAR/2021/000207** should be mentioned in all research outputs(publications/patent etc.) arising from the TARE grant.

Kindly follow the below steps only then you will be able to acknowledge the approval letter:

1. Go to www.serbonline.in through your credentials
2. Go to Menu -> Proposal submission -> View submitted proposals

A certificate stating that any visit abroad for a period more than eight weeks would be undertaken after due permission from SERB, may also be submitted.

Kindly upload RTGS details of the parent as well as host institute to facilitate transfer of the fund as per the template

Yours sincerely,

(Dr. T Thangaradjou)

Scientist F

Dr. G L Devnani

Chemical Engg

Harcourt Butler Technical University , Hbtu East Campus, Nawabgan, Kanpur Nagar, Uttar Pradesh-208002



F. No.: B-19004/WQM-II/CPCB/TPA/2021-22

Dated: 29.12.2021

To

Shri Brajesh Singh,
Head, Bio-Chem Engineering Department,
Harcourt Butler Technical University, Nawabganj,
Kanpur – 208002, Uttar Pradesh
E-mail brajeshskatiyar@gmail.com
Mobile No 7081300520

Subject: Sanction order & other Terms & Conditions regarding inspection of GPIs-2021 by Third Party Agency – reg.

Sir,

This is in continuation of CPCB letters dated 28.10.2021 and 25.11.2021 inviting project proposal and your project proposal forwarded vide letter/e-mail dated 30th November, 2021 for inspection of 121 Grossly Polluting Industries (GPIs) located in the states of Uttar Pradesh.

I am hereby directed to convey the sanction of the project "Inspection of GPIs for Compliance Verification" at the project cost of Rs. 69,60,525/- (Rs. 57,525 - per unit) with following terms and conditions:

1. CPCB has allocated 121 GPIs (List enclosed at Annexure-I) located in the regions of Allahabad, Bareilly, Kanpur and Lucknow to HBTU Kanpur for carrying out inspections, which includes visit to the GPIs, collection of samples from ETP (inlet, outlet & aeration tank), spent wash profile in case of Distillery, collection of ground water samples, sample from upstream & downstream of recipient drain, analysis of effluent/wastewater samples as per the industry specific effluent discharge standards notified under the Environmental (Protection) Rules, 1986, preparation of inspection reports and making available these inspection reports and collected data/information/documents to CPCB and State Pollution Control Boards (SPCBs).
2. All the allocated GPIs shall be inspected by your institute during December 2021 - 31st March, 2022 and inspection reports along with effluent/wastewater analysis results shall be made available through web portal and portal/speed-post/e-mail to CPCB and concerned SPCBs within 20 days from the date of inspection.
3. Fifty percent (50%) of the sanctioned amount is being released separately in favour of the institute as advance after receipt of acceptance from your institute and submission of performance invoice. Remaining amount shall be released after completion of the project, submission and acceptance of inspection reports, utilization certificate, comprehensive report etc
4. In case of temporary closed units, charges for the unit shall be reimbursed after deduction of lab charges (Rs 15000/-) and honorarium (Rs 5000/-) and taxes accordingly for that visit. However, while making 2nd visit to same industry, if found operational after intimation from SPCB/CPCB, full charges per industry shall be reimbursed for second visit also. In case of GPIs located in geographical clusters, transportation charges shall be claimed as Rs 3000/- per industry. 2nd instalment of sanctioned amount shall be adjusted accordingly.
5. Inspection reports shall be used for legal purposes which may include issuance of show-cause notices, closure directions and levying of environmental compensation under provisions of Environment (Protection) Act, 1986, Water Act 1974 and Air Act, 1981.

DST/WOS-B/IN-9/2021- Ranjna (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(WISE-KIRAN Division)

Technology Bhavan,
New Delhi-110016
Dated: 22.12.2021

ORDER

Sub:-Financial assistance for the project titled "Simplifying 3D culture for easy adaptation"

PI:- **Dr. Ranjna Dutta**, Harcourt Butler Technology University (HBTU), Kanpur – 208002 U.P.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **Rs.35,06,544/- (Rupees Thirty Five Lac Six Thousand Five Hundred Forty Four Only)** for a duration of **three** years. The detailed break up of the grant for General & Capital Components are given below:-

General Components- Rs.31,06,544/-
Capital Assets- Rs.4,00,000/-
Total- Rs.35,06,544/-

S. No.	Proposed Budget Head	1 st year	2 nd year	3 rd year	Total
Non-Recurring (Capital Assets)					
1.	ELISA Reader/ LTEK INNO Microplate Spectrophotometer (USD 6,275 @) Rs.74=Rs.4,64,350/-	4,64,350/-	-	-	4,64,350/-
A	TOTAL	4,00,000/- (Restricted)	-	-	4,00,000/- (Restricted)
Recurring (General)					
Recurring-I (Manpower)					
	Fellowship for Ph.D. @ Rs.55,000/PM +HRA 16% for 36 months	7,65,600/-	7,65,600/-	7,65,600/-	22,96,800/-
Recurring-II (Consumables & Travel)					
	-Consumables:Rs.4,00,000/- Cell culture is an expensive and skill intensive technique. It requires strictly aseptic handling conditions and environment. -Travel: Rs.75,000/- (Capping for 3 years)	2,25,000/-	1,25,000/-	1,25,000/-	4,75,000/-
Recurring-III (Contingency)					
	Miscellaneous Expenses	25,000/-	25,000/-	25,000/-	75,000/-
Recurring-IV (Overhead Charges)					
	Overhead Charges	1,13,248/-	73,248/-	73,248/-	2,59,744/-
B	Total	11,28,848/-	9,88,848/-	9,88,848/-	31,06,544/-
Grand Total (A+B)		15,28,848/-	9,88,848/-	9,88,848/-	35,06,544/-

Ranjna Dutta
22/12/2021



राष्ट्रीय परियोजना कार्यान्वयन एकक
(तकनीकी शिक्षा में विश्व बैंक सहायक परियोजना के कार्यान्वयन के लिए भारत सरकार, मानव संसाधन विकास मंत्रालय का एकक)
National Project Implementation Unit
(A UNIT OF MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA FOR
IMPLEMENTATION OF WORLD BANK ASSISTED PROJECTS IN TECHNICAL EDUCATION)

18th June 2019

CERTIFICATE OF SANCTION

This is to certify that a Research Proposal entitled, "CO-CH₄ oxidation catalysts for CNG emissions abatement" has been approved under "TEQIP Collaborative Research Scheme" to the team of following Collaborators:

1	Dr. DEEPAK YADAV	Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
2	Dr. ASHWINI SOOD	Co-Principal Investigator	HBTU, Kanpur
3	Dr. PRADEEP KUMAR	Co-Principal Investigator	IIT(BHU) Varanasi
4	Dr. PARDEEP SINGH	Co-Principal Investigator	PGDAV College, University of Delhi, New Delhi
5	Dr. ANIL KUMAR VARMA	Co-Principal Investigator	HBTU, Kanpur

A grant of ₹1087000 (Rupees Ten Lakhs Eighty Seven Thousand and Paise Zero Only) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	645000
2	Recurring	
	(i) Domestic Travel	90000
	(ii) Contingencies	125000
	(iii) Consumables	193333
	(iv) Miscellaneous	33333
	Total	1087000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.

Prof. (Dr.) P M Khodke
Central Project Advisor

18th June 2019**CERTIFICATE OF SANCTION**

This is to certify that a Research Proposal entitled, “**Value Addition of Waste Plastics for Sustainable Development**” has been approved under “**TEQIP Collaborative Research Scheme**” to the team of following Collaborators:

1	Dr. ANIL KUMAR VARMA	Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
2	Dr. DEEPAK SRIVASTAVA	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur, Uttar Pradesh
3	Mr. ASHWANI RATHORE	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur, Uttar Pradesh
4	Dr. SADHANA SACHAN	Co-Principal Investigator	Motilal Nehru National Institute of Technology, Allahabad,
5	Dr. DEEPAK YADAV	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur, Uttar Pradesh

A grant of ₹1468000 (*Rupees Forteen Lakh Sixty Eight Thousand Only*) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1043333
2	Recurring	
	(i) Domestic Travel	100000
	(ii) Contingencies	120000
	(iii) Consumables	158333
	(iv) Miscellaneous	46667
	Total	1468000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.

Prof. (Dr.) P M Khodke
Central Project Advisor

18th June 2019

CERTIFICATE OF SANCTION

This is to certify that a Research Proposal entitled, “**Design and Development of miniaturized low cost sensor device for metal ions.**” has been approved under “**TEQIP Collaborative Research Scheme**” to the team of following Collaborators:

1	Dr. SHAILENDRA KUMAR PANDEY	Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
2	Dr. SANJIV GUPTA	Co-Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
3	Dr. ANURAG SRIVASTAVA	Co-Principal Investigator	ABV - Indian Institute of Information Technology and Management, Gwalior
4	Dr. IDA TIWARI	Co-Principal Investigator	Institute of Science, Banaras Hindu University, Varanasi
5	Mr. PARTHA SAHA	Co-Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur

A grant of ₹1207000 (*Rupees Twelve Lakh Seven Thousand Only*) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	898667
2	Recurring	
	(i) Domestic Travel	33333
	(ii) Contingencies	66667
	(iii) Consumables	150000
	(iv) Miscellaneous	58333
	Total	1207000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.



Prof. (Dr.) P M Khodke
Central Project Advisor



राष्ट्रीय परियोजना कार्यान्वयन एकक
(तकनीकी शिक्षा में विश्व बैंक सहायक परियोजना के कार्यान्वयन के लिए भारत सरकार, मानव संसाधन विकास मंत्रालय का एकक)
National Project Implementation Unit
(A UNIT OF MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA FOR
IMPLEMENTATION OF WORLD BANK ASSISTED PROJECTS IN TECHNICAL EDUCATION)

18th June 2019

CERTIFICATE OF SANCTION

This is to certify that a Research Proposal entitled, “**Development and Analysis of Miniaturized Heat Transfer Devices**” has been approved under “**TEQIP Collaborative Research Scheme**” to the team of following Collaborators:

1	Dr. RAGHWENDRA SINGH	Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
2	Dr. SHAIENDRA KUMAR PANDEY	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur
3	Dr. M. SIRAJ ALAM	Co-Principal Investigator	Motilal Nehru National Institute of Technology
4	Dr. RAM NARESH	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur

A grant of ₹**1863000** (*Rupees Eighteen Lakh Sixty Three Thousand Only*) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1350000
2	Recurring	
	(i) Domestic Travel	150000
	(ii) Contingencies	175000
	(iii) Consumables	125000
	(iv) Miscellaneous	62500
	Total	1863000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.

Prof. (Dr.) P M Khodke
Central Project Advisor



राष्ट्रीय परियोजना कार्यान्वयन एकांक
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IMPLEMENTATION OF WORLD BANK ASSISTED PROJECTS IN TECHNICAL EDUCATION)

18th June 2019

CERTIFICATE OF SANCTION

This is to certify that a Research Proposal entitled, “**Photonic crystal cavity based optical sensor for the application of gas sensing in mines.**” has been approved under “**TEQIP Collaborative Research Scheme**” to the team of following Collaborators:

1	Mr. PARTHA SAHA	Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
2	Prof. MANOJ KUMAR SHUKLA	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur
3	Dr. MRINAL SEN	Co-Principal Investigator	IIT (ISM) Dhanbad
4	Dr. PRAVEEN CHANDRA PANDEY	Co-Principal Investigator	IIT (BHU), Varanasi
5	Dr. SHAILENDRA KUMAR PANDEY	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur

A grant of ₹1580000 (Rupees Fifteen Lakh Eighty Thousand Only) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1180000
2	Recurring	
	(i) Domestic Travel	100000
	(ii) Contingencies	100000
	(iii) Consumables	100000
	(iv) Miscellaneous	100000
	Total	1580000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.

Prof. (Dr.) P M Khodke
Central Project Advisor

18th June 2019**CERTIFICATE OF SANCTION**

This is to certify that a Research Proposal entitled, “**Synthesis and in-vitro Application of Multifunctional Biotemplated Contrast Agents for MRI**” has been approved under “**TEQIP Collaborative Research Scheme**” to the team of following Collaborators:

1	Dr. SUDHIR KUMAR GUPTA	Principal Investigator	Department of Chemistry, Harcourt Butler Technical University (Formerly HBTI), Kanpur, Uttar Pradesh
2	Dr. CHHAGAN LAL GEHLOT	Co-Principal Investigator	Department of Chemistry, Harcourt Butler Technical University, Kanpur, Uttar Pradesh
3	Dr. CHANCHAL HALDAR	Co-Principal Investigator	Department of Applied Chemistry, Indian Institute of Technology (ISM) Dhanbad, Jharkhand
4	Dr. DINESH KUMAR	Co-Principal Investigator	Centre of Biomedical Research (CBMR), Sanjay Gandhi Post Graduate Institute of Medical Sciences campus (SGPGIMS), Lucknow, Uttar Pradesh
5	Dr. PRAMOD KUMAR GOSWAMI	Co-Principal Investigator	Department of Chemistry, University College of Engineering and Technology Hazaribagh, Jharkhand

A grant of ₹1490000 (*Rupees Forteen Lakh Ninety Thousand Only*) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1106667
2	Recurring	
	(i) Domestic Travel	83333
	(ii) Contingencies	100000
	(iii) Consumables	133333
	(iv) Miscellaneous	66667
	Total	1490000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.

Prof. (Dr.) P M Khodke
Central Project Advisor



राष्ट्रीय परियोजना कार्यान्वयन एकक
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IMPLEMENTATION OF WORLD BANK ASSISTED PROJECTS IN TECHNICAL EDUCATION)

18th June 2019

CERTIFICATE OF SANCTION

This is to certify that a Research Proposal entitled, "Development of Synbiotic Beverage from Underutilized Indian Fruits to Alleviate Oxidative Stress" has been approved under "TEQIP Collaborative Research Scheme" to the team of following Collaborators:

- | | | | |
|---|----------------------|---------------------------|--|
| 1 | Mr. AJIT KUMAR SINGH | Principal Investigator | Harcourt Butler Technical University (Formerly HBTI), Kanpur |
| 2 | Dr. ALAK KUMAR SINGH | Co-Principal Investigator | Harcourt Butler Technical University (Formerly HBTI), Kanpur |
| 3 | Dr. VASUDHA SHARMA | Co-Principal Investigator | Jamia Hamdard (Hamdard Univ., New Delhi) |
| 4 | Dr. SHANTONU ROY | Co-Principal Investigator | NIT Arunachal Pradesh |
| 5 | Dr. VIVEK KUMAR | Co-Principal Investigator | HBTU, Kanpur |

A grant of ₹1896000 (Rupees Eighteen Lakh Ninety Six Thousand Only) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1345667
2	Recurring	
	(i) Domestic Travel	200000
	(ii) Contingencies	216667
	(iii) Consumables	83333
	(iv) Miscellaneous	50000
	Total	1896000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.

Prof. (Dr.) P M Khodke
Central Project Advisor

18th June 2019**CERTIFICATE OF SANCTION**

This is to certify that a Research Proposal entitled, "Development of oleogel based functional fat spread to reduce the risk of cardiovascular disease" has been approved under "TEQIP Collaborative Research Scheme" to the team of following Collaborators:

1	Mr. ASHWANI KUMAR	Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
2	Dr. ALAK KUMAR SINGH	Co-Principal Investigator	HBTU, Kanpur, UP
3	Dr. REKHA S SINGHAL	Co-Principal Investigator	Institute of Chemical Technology, Matunga, Mumbai
4	Dr. VIVEK KUMAR	Co-Principal Investigator	HBTU, Kanpur
5	Dr. HARINDER SINGH	Co-Principal Investigator	MNNIT, PRAYAGRAJ 211004

A grant of ₹1803000 (Rupees Eighteen Lakh Three Thousand Only) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1302500
2	Recurring	
	(i) Domestic Travel	100000
	(ii) Contingencies	175000
	(iii) Consumables	200000
	(iv) Miscellaneous	25000
	Total	1803000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.

Prof. (Dr.) P M Khodke
Central Project Advisor

18th June 2019

CERTIFICATE OF SANCTION

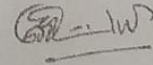
This is to certify that a Research Proposal entitled, "Preparation of bioplastics from potato industry waste reinforced with ESP and CSP" has been approved under "TEQIP Collaborative Research Scheme" to the team of following Collaborators:

1	Miss ANJALI SRIVASTAVA	Principal Investigator	Institute of Engineering & Technology, Bundelkhand University, Kanpur Road, Jhansi
2	Mr. SHIV KATIYAR	Co-Principal Investigator	IET, BU, Jhansi
3	Mr. VIVEK KUMAR	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur
4	Mr. VIMAL KATIYAR	Co-Principal Investigator	IIT Guwahati
5	Mr. BRAJENDRA SHUKLA	Co-Principal Investigator	IET, BU, Jhansi

A grant of ₹1942000 (Rupees Nineteen Lakh Forty Two Thousand Only) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1383333
2	Recurring	
	(i) Domestic Travel	200000
	(ii) Contingencies	166667
	(iii) Consumables	100000
	(iv) Miscellaneous	91667
	Total	1942000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.



Prof. (Dr.) P M Khodke
Central Project Advisor

18th June 2019

CERTIFICATE OF SANCTION

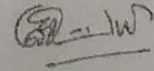
This is to certify that a Research Proposal entitled, "Development and characterization of nano emulsion based sparkling wine in hard-shots pellets" has been approved under "TEQIP Collaborative Research Scheme" to the team of following Collaborators:

1	Mr. ANIT KUMAR	Principal Investigator	Harcourt Butler Technical University (Formerly HBTI), Kanpur
2	Dr. ALAK KUMAR SINGH	Co-Principal Investigator	Harcourt Butler Technical University, Kanpur
3	Dr. ASHWANI KUMAR THAKUR	Co-Principal Investigator	IIT Kanpur
4	Dr. ASHUTOSH UPADHYAY	Co-Principal Investigator	NIFTEM, Haryana
5	Dr. NEELA EMANUEL	Co-Principal Investigator	NIFTEM, Haryana

A grant of ₹1729000 (Rupees Seventeen Lakh TwentyNine Thousand Only) has been sanctioned for the project, as per following details:

S.No.	Expenditure Head	Sanctioned Amount (₹)
1	Non-recurring	1107381
2	Recurring	
	(i) Domestic Travel	146667
	(ii) Contingencies	183333
	(iii) Consumables	233333
	(iv) Miscellaneous	58333
	Total	1729000

The project is to be completed with expected outcomes achieved on or before 30th Sept 2020.



Prof. (Dr.) P M Khodke
Central Project Advisor



Council of Science & Technology, U.P.

(Department of Science & Technology, Govt. of U.P.)
Vigyan Bhawan, 9 Nablullah Road, Suraj Kund Park, Lucknow-226 018, Uttar Pradesh
Phone: 0522-2202446, 2611773 Fax: 0522-2611703



Number: CST/D.....4069.....

Date.....9/11..... 2017

To

Dr Anand Kumar

Professor & Head

Department of Mechanical Engineering,

Harcourt Butler Technological University

Nawabganj, Kanpur-208002

Subject: - Regarding your research project entitled "Design and development of utility products using recycled waste rubber"

Dear Sir,

This is with reference to above mentioned research project submitted to the council for financial assistance. It is to inform you that above research project has been sanctioned by the council with financial support of Rs 11,94,000/- under the following heads for the period of three years.

Rs in Lakh

S.No	Heads	I Year	II Year	III Year	Grand Total
1	Staff (Research Assistant @ Rs 20,000/- per month for 2 years & Rs 22,000/- per month for 3rd year	2.40	2.40	2.64	7.44
2	Contingencies	1.50	1.50	1.50	4.50
	Grand Total	3.90	3.90	4.14	11.94

The necessary action may kindly be taken for the appointment of research staff sanctioned in the above project strictly following the guidelines given in the booklet "**General Information and Guidelines for Award of Research Assistantship & Grant-in-aid Regulations-1988**", a copy of which is enclosed herewith. The duration of the project will be counted from the date of commencement of the project i.e. the date of joining of the staff under the project. The recommendation of selection committee regarding the appointment of research staff approved in the project with their academics details and relevant experience and age may be forwarded to the Council for approval. The process regarding the appointment of research staff may please be initiated at the earliest and all formalities must be completed at your earliest preferably within a month, so that the work proposed in the project may be started soon and the grant of 1st year of the project may be released by the Council.