

ele : 23007323

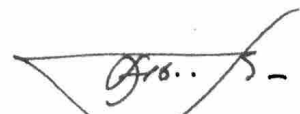
ARDB/08/2031670/M/I
Government of India
Ministry of Defence
Aeronautics R&D Board
DRDO Bhawan, Rajaji Marg
New Delhi-110011

06 Nov 2015

AR&DB SANCTIONED PROJECT NO: 1670
"Studies on Gadolinium Oxide Doped Zirconia thermal barrier coating"

Further to the sanction letter No. DARO/08/2031670M/I dated 28 Feb 2012 under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D (R&D) dated 12th Feb 1971 and DARO/DBFA/83226/M/01/2031/D(R&D) dated 23 Jul 2010 as amended from time to time, I am directed to convey the ex-post sanction for the year 2013-2014 & 2014-2015 and the sanction of the board for continuation of the above subject project during the year 2015-16.

2. Fresh sanction of funds for the project during 2015-16 is Rs. 21.48 lakhs. Permission for reappropriation of Rs 1.50 lakhs from equipment head (Rs 0.25 lakhs), Testing/ Patent Charges head (Rs 0.25 lakhs), Contingency head (Rs 0.50 lakhs) & Over heads (Rs 0.50 lakhs) to Consumable head is accorded by this secretariate. PDC is three years.
3. Unspent balance of 2014-15 may also be utilized during the year 2015-16.
4. A separate account for the grant would be maintained by Dr. Ambedkar Institute of Technology, Bangalore and any interest earned thereon would accrue to AR&DB.
5. So far (till 2014-15) a total sum of Rs 6.10 lacs has been sanctioned to Dr. Ambedkar Institute of Technology, Bangalore for the subject project.
6. The total cost of the subject project is Rs 31.55 Lacs.
7. The expenditure will be debited to Major Head 2080 - Defence Services, R & D, Minor Head 0004-Research / Research & Development and Code Head 852/02 (AR&DB Grant-in-aid) of Defence Services Estimates.
8. PCDA (R&D), West Block V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned.
9. Contingent bill (in triplicate) duly completed and stamped, ECS Mandate certificate along with duly audited statement of accounts and utilisation certificate may please be forwarded to this office for onward transmission to PCDA (R&D), West Block V, RK Puram, New Delhi-110066.
10. Sanction Code is MSRB/TM/ARDB/GIA/15-16/0098.


(Albert Baa)
Gp Capt
O^{vc} AR&DB

Contd. 2...



सत्यमेव जयते

दूरभाष / Tel

फैक्स / Fax

वेबसाइट/website : www.dst.gov.in

26962819, 26567373,
26562134, 26562122 (EPBAX)
26569908, 26515637,
26863847, 26862418

Dr. Akhilesh Mishra
Scientist-D

Technology Development & Transfer,
Phone : (011) 26590254(Direct)
Fax 011 26854416, 2651 7186
E-mail : akhilesh.mishra@nic.in

भारत सरकार

विज्ञान और प्रौद्योगिकी मंत्रालय

विज्ञान और प्रौद्योगिकी विभाग

टेक्नोलॉजी भवन, नया महरौली मार्ग

नई दिल्ली-110 016

GOVERNMENT OF INDIA

MINISTRY OF SCIENCE AND TECHNOLOGY

DEPARTMENT OF SCIENCE AND TECHNOLOGY

TECHNOLOGY BHAVAN, NEW MEHRAULI ROAD
NEW DELHI-110 016

DST/TDT/PAC-02/2017

02.11.2017

Ref: DST/TSG/AF/2012/101

Sub: Review of the project entitled "**Synthesis and Characterization of New Bio-fuels for their use in Automobiles and Diesel Generators**".

Dear **Dr. L Chandrasagar**,

This is regarding your project progress presentation before the Programme Advisory Committee (PAC) of Technology Development Programme (TDP) held on **July 26-27, 2017** at Indian Institute of Technology -Delhi, New Delhi-110067. It is to inform you that the progress of project has accepted by committee and graded as "**Satisfactory**" with following observation.

- The recommendation in terms of outcomes should be given.
- Trans-esterification with use of catalyst.
- Existing Biodiesel may be compared to the developed one, and characteristic may be compared.
- The system should be efficiently designed to minimize the pollution,
- Rubber seeds may be processed for oil extraction at earliest.

You are therefore requested to submit the following documents for further processing of your project.

- Utilisation Certificate (UC) in Latest format
- Statement of Expenditure (SE)
- PFMS Id/ NGO Darpan No.
- Progress Report
- The clarification of the suggestion made by committee.

Sincerely,

(Dr. Akhilesh Mishra)
Scientist D
Tel: 26590219

Dr. L Chandrasagar

Professor,

Dr. Ambedkar Institute of Technology,

Outer Ring Road, Near Jnanabharathi campus

Bangaluru-560056.

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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
4th Floor, East Tower, N.B.C.C. Place, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110003

August 13, 2015

Ref. No.: 8-190/RIFD/RPS/POLICY-1/2014-15

The Drawing and Disbursing Officer
All India Council for Technical Education
7th Floor, Chandralok Building,
Connaught Place, New Delhi - 110 001.

Sub: Release of Grants under Research Promotion Scheme (RPS) Scheme during the financial year 2015-16.

Sir,



This is to convey the sanction of the Council for payment of Rs.1482353/- (Rupees Fourteen Lakh EightyTwo Thousand Three Hundred FiftyThree Only) for the financial year 2015-16 under the Research Promotion Scheme (RPS) as Grant-in-aid for meeting the expenditure for implementing the Scheme in order to create & update general research capabilities, as per details given below:

1.	Name of the Beneficiary Institution (University / College / Institution)	:	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI, BANGALORE-560056 KARNATAKA.
2.	Principal Investigator's Name & Deptt./Course	:	Dr. ARUN V MACHINE DESIGN
3.	Grant-in-aid Sanctioned	:	1647059/-
4.	Amount to be Released during the year 2015-16 (100% of non-recurring and 1/3 rd of recurring expenditure of year 1 remaining recurring in year 2 and 3)	:	Non Recurring : Rs. 1400000/- Recurring (1 st Year): Rs.82353/- Total : Rs.1482353/-
5.	Approved Duration	:	3 Years (Three Years)
6.	Title of the Project	:	Feasibility studies on development of brush seals

- The sanctioned grant-in-aid is debatable to the major "601.1(a) RPS" (Gen.) and is valid for payment for the financial year 2015-16.
- The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of Principal, DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI, BANGALORE-560056, KARNATAKA through RTGS.
- The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal shall intimate about the receipt of the grant to AICTE. Any Expenditure incurred prior the issuance of the approval letter is not allowed to be adjusted in the grant and if the University/Institution do not take the project work within 6 months of the receipt of the grant, approval shall ipso facto lapse.

Contd...2/-


14.8.15

 	GAS TURBINE RESEARCH ESTABLISHMENT Research & Development Organization Ministry of Defence Post Box No. 9302, C.V. Raman Nagar Bangalore - 560 093, INDIA	
	TEL (OFF): 91-80-2504 0076 FAX : 91 - 080 - 2524 1507	Our Ref: GTRE / GATET / CS36 / 1617 / 116 / 16 / 01 Date: 08 -12 -16

To

Dr. T. N. Raju,
 Dr. Ambedkar Institute of Technology ,
 Bangalore.

Copy to DVP
 C/S
 [Signature]

SANCTION OF A PROJECT UNDER GATET

I am happy to inform you that your project proposed under the Gas Turbine Enabling Technology (GATET) Initiative has been sanctioned by the Executive Board. Many congratulations to you and I highly appreciate your keenness to participate in this initiative.

2. Under the powers vested in the Gas Turbine Enabling Technology (GATET) Initiative vide Govt. of India, Ministry of Defence letter No. DARO/08/1102063/M/1/3078/D (R&D) dated 8th October 2009, as amended from time to time, I am directed to convey the sanction of the Executive Board - GATET during its 23rd Meeting for the following project.

TITLE OF THE PROJECT : "Design of Proof of Concept for Non Contact Power Transmission Device Suitable for a Typical Cyclic Spin Facility"

TOTAL AMOUNT SANCTIONED : 9.20 Lakhs (Nine Lakhs Twenty Thousand Only)

3. Total sanctioned fund for the project is **Rs. 9.2 Lakhs**. However, the same is subject to revision based on performance and review. The head-wise break-up is given below:

Sl. No.	Head	Amount of Fund (in Lakhs)
i)	Manpower	Nil
ii)	Special Equipment	6.60
iii)	Consumables	0.75
iv)	Contingencies	0.35
v)	TA/DA	0.40
vi)	Others (including overheads)	1.10
	Total	9.20

Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-2334 1652, 2334 8848, 2334 8849 ♦ Telefax: 080-2334 8840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

31st March, 2017

Ref: 7.1.03/SPP/1112

The Principal,
Dr. Ambedkar Institute of Technology,
Outer Ring Road, Near Jnana Bharathi Campus,
Mallathahalli,
Bangalore - 560 056

Dear Sir,

Sub : Sanction of Student Project (Biofuel) - 40th Series : Year 2016-2017

Your Project Proposal Reference No. :

Ref : Your Project Proposal entitled "

40S_B_BE_101

**PRODUCTION OF BIOETHANOL BY USING COFFEE HUSKS WASTE
AVAILABLE IN THE COFFEE PRODUCTION REGIONS OF
KARNATAKA**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme (Biofuel) 40th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Vishwajna	Budget	Amount (Rs)
	and others	Materials/Consumables	9,000.00
Guide/s	Mr. Vishwanath M.M.	Labor	-
		Travel	-
		Analysis	-
Department	Mechanical Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	10,000.00
	Rupees Ten Thousand		

The following are the guidelines to carryout the project work :

- The project should be carried out based on the objectives of the proposal sent by you.
- The project should be completed in all respects and **a) One copy** of the hardbound report **b)** Softcopy of the full report (including coverpages, abstract & preliminary pages in a CD (.doc and .pdf format)
- The project report shall mention the name of "**Karnataka State Bioenergy Development Board and Karnataka State Council for Science and Technology**" as sponsored organisations in the title page. Project Title or the objectives can be altered only with prior permission of KSCST. Any change in the project are strictly prohibited and liable for rejection and the amount sanctioned has to be returned back to KSCST. The fund is to be utilised only for the activities to which it has been released.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [biofuelcell.kscst@gmail.com] and should include following :

- Title of the project
- Name of the College & Department



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-2334 1652, 2334 8848, 2334 8849 ♦ Telefax: 080-2334 8840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

07th April 2017

Ref: 7.1.03/Biofuel-SPP/14

The Principal,
Dr. Ambedkar Institute of Technology,
Outer Ring Road, Near Jnana Bharathi
Campus,
Mallathahalli,
Bangalore - 560 056

Dear Sir,

Subject: 40th Series Biofuel Student Project Programme (SPP) Grant.
Reference : Council letter No.7.1.02/SPP/775 dated 09-12-2016.

With reference to the above , please find the enclosed herewith below mentioned cheque in your favour towards amount sanctioned for different projects under 40th Series of Biofuel Student Project Programme(SPP) .

Cheque No	Cheque Date	Cheque Amount Rs.	Cheque Amount Words	No. of Projects Sanctioned
654600	31-03-2017	Rs. 10,000.00	Rupees Ten Thousand	1

You are requested to utilize the sanctioned amount for the referred projects and send us the utilization certificate duly certified by the Chartered Accountant and yourself.(Format Enclosed).

Thanking you & with best regards,
Yours sincerely,

(SGS Swamy)

Prof. Vishwanath -
mm'ler





Karnataka Science and Technology Promotion Society

Dept. of Information Technology, Bio Technology and Science & Technology, GoK
"Vijnana Bhavan", 3rd Floor, #24/2, 21st Main Road, Banashankari 2nd Stage, Bangalore-70
Ph/fax : 080-26711166, E-mail : ksteps.dst@gmail.com

13

Dr. H. Honne Gowda
Special Secretary (Technical),
Dept. of IT, BT and S&T/
Managing Director, KSTePS

No. KSTePS/VGST-RGS-F/2018-19/GRD No.799/315

Date: 17.07.2019

Dear Sir/Madam,

Sub: Intimation of selection of the project under the VGST scheme of RGS/F- reg.

Greetings from the Department of Science and Technology, GoK & KSTePS. We are pleased to inform you that the project titled "**Condition monitoring of Internal Combustion (IC) Engine Using Vibration Analyses and Acoustic Emission Technique**" submitted under the VGST scheme of RGS-F for the financial year 2018-19 has been approved by the Government based on the recommendations of Vision Group on Science and Technology under the Chairmanship of Bharat Ratna Prof. CNR Rao, Honorary President, JNCASR.

You are requested to take an immediate action to initiate the project at the earliest and to be completed within a year after receiving the grant from our office. The total grant allocated for the project is of **Rs. 5.00 lakh.**

The grant will be paid to the Head of the Institution, under whose supervision the Principal Investigator shall be responsible for completion of the stated objectives of the project. The Principal Investigator through the Institution Head shall have to submit the progress report in soft copy once in 3 months without fail. The grants shall be used only for the purposes described in the grant application by following due procedures of KTPP Act. Any deviation from the scheduled plan must have a prior approval from the VGST.

The funding agency has the right to terminate the project, if it is found to be not satisfactorily pursuing and fulfilling the stated project goals and objectives. Any unspent balance must be returned back to the funding agency within 60 days following the conclusion of the project. Any publications or other dissemination arising from research supported by VGST grants should be acknowledged.

Dr. S. G. Sreekanteswara Swamy, Consultant, VGST will be the nodal officer for all future correspondences related to the project. His contact details are given below:

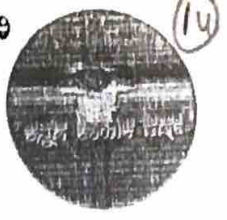
Vision Group on Science and Technology,
Department of IT, BT and S & T,
Room No. 702, 7th Floor, 4th Gate,
M.S. Building, Dr. Ambedkar Veedhi,
Bengaluru - 560 001.
Phone : 080-2203 2013
Email : visiongroup.st@gmail.com
Website : www.vgst.in



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸಂಸ್ಥೆ

ವಿದ್ಯುನ್ಮಾನ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಕೃತೃತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ,
ಕರ್ನಾಟಕ ಸರ್ಕಾರ

'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 2ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬನಶಂಕರಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560070
ದೂರವಾಣಿ: 080-26711166 ಇ-ಮೇಲ್: ksteos.dst@gmail.com



ನಂ. KSTePS/VGST/2020-21/CESEM/GRD-926/04/2021-22/777

ದಿನಾಂಕ: 28.10.2021

ಮಾನ್ಯರೇ,

ವಿಷಯ: ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ CESEM ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಮೊದಲನೇ
ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡಿರುವ ಬಗ್ಗೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S. ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ) ವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಈ ಯೋಜನೆಯಡಿ ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 12 ವರ್ಷಗಳಿಂದ ರಾಜ್ಯಾದ್ಯಂತ ಯಶಸ್ವಿಯಾಗಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ. 2020-21ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Development of Air Fuel Thrust Bearing for Aerospace Applications" ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Centres of Excellence in Science, Engineering and Medicine (CESEM) ಅಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಮೊದಲನೇ ಕಂತಾಗಿ ರೂ. 20,00,000/-ಗಳ ಅನುದಾನವನ್ನು ಕೆನ್ಸೆಪ್ಟಿನಿಂದ Principal, Dr. Ambedkar Institute of Technology ಹೆಸರಿನ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ (UTR No. SBINR52021100545298876) RTGS ಮೂಲಕ ದಿನಾಂಕ: 05.10.2021 ರಂದು ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅನುದಾನವನ್ನು ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆನ್ಸೆಪ್ಟ್ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸುವುದು.

ಮುಂದುವರೆದು, ಪ್ರಸ್ತುತ ಬಿಡುಗಡೆ ಮಾಡುತ್ತಿರುವ 1ನೇ ಕಂತಿನ ಅನುದಾನಕ್ಕೆ ಈ ಕೆಳಕಂಡ ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳನ್ವಯ ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು.

ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳು:

- ನಿಗದಿತ ನಮೂನೆಯಲ್ಲಿರುವಂತೆ ಪ್ರಾಯೋಜಕತ್ವದ ಸಂಸ್ಥೆ/ಇಲಾಖೆಯ ಹೆಸರನ್ನು ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗಳಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾಗಿರುವ ವಿತಂದಾಸದ ಸಂಶೋಧನಾ/ಬೋಧನಾ ಕೇಂದ್ರಗಳಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಬೋರ್ಡ್ (ಕನ್ನಡ ಮತ್ತು ಆಂಗ್ಲ ಭಾಷೆಯಲ್ಲಿ) ಅನ್ನು ಅಳವಡಿಸುವುದು.



Karnataka State Council for Science and Technology

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849, 23348840

Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar

Executive Secretary

21st April 2021

Ref: 7.1.01/SPP/10

The Principal
Dr. Ambedkar Institute of Technology Campus
BDA Outer Ring Road
Bengaluru - 560 056

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : **44S_BE_3059**

Ref : Your Project Proposal entitled " **FATIGUE TESTING OF HIGH ENTROPY ALLOY SUBJECTED TO CORROSION**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. Ronith B	Budget	
	Mr. M Shridutt	Particulars	Amount (Rs.)
	Mr. Prasad S Bilagi	Materials/Consumables	4,000.00
	Mr. Sagar H M	Labour	500.00
Guide/s	Prof. T Srinath	Travel	500.00
	Mr. Rajesh Chandra	Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,000.00
	SIX THOUSAND RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



A (16)

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY
BENGALURU-560 056.
Research and Development Cell

Dr.AIT/R&D/2021-22/66 / 21-22

Date: 18-01-2022

To
Dr. Bhanupratap.R
Assistant Professor
Department of Mechanical Engineering
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Evaluation and Analysis of the Silane Treated Basalt/Kevlar Fibers Epoxy Hybrid Composites" submitted by Dr.Bhanupratap R, Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Evaluation and Analysis of the Silane Treated Basalt/Kevlar Fibers Epoxy Hybrid Composites" submitted by Dr. Bhanupratap.R, Principal Investigator, Department of Mechanical Engineering of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 1,90,000/- (Rupees One Lakhs and Ninety Thousands only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs.1, 90,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	Rs 90,000.00	Rs 90,000.00	Rs 1,80,000.00
Consumables			
Contingency	Rs 5,000.00	Rs 5,000.00	Rs 10,000.00
Total	Rs 95,000.00	Rs 95,000.00	Rs 1,90,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.



Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.

Research and Development Cell

Dr.AIT /R&D/2019-20/63 / 21-22

Date:18-01-2022

To

Dr. Vishwanath.M.M

Assistant Professor

Department of Mechanical Engineering

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Design and Development of agriculture processing products and Test rigs for the college product and Testing" submitted by Dr, Vishwanath.M.M, Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Design and Development of agriculture processing products and Test rigs for the college product and Testing" submitted by **Dr. Vishwanath.M.M, Principal Investigator**, Department of Mechanical Engineering of Dr. Ambedkar Institute of Technology(Dr.AIT), Bengaluru-560 056 is sanctioned with a grant of **Rs 3,00,000/ (Rupees Three Lakhs only)** for a period of **24 months**.

The details of the grant for which the total allocation of Rs 3,00,000/- are as follows

Expenditure details	Year I	Year II	Total
Equipment:	Rs 1,25,000.00	Rs 1,25,000.00	Rs 2,00,000.00
Consumables	Rs 5,000.00	Rs 45,000.00	Rs 50,000.00
Contingency			
Total	Rs 1,30,000.00	Rs 1,70,000.00	Rs 3,00,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಬಿ ಯುಟಿಎಂ ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ, ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)
 'ಜ್ಞಾನ ಸಂಗಮ', ಬೆಂಗಳೂರು - ೫೬೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)
 "Jnana Sangama", Belagavi-590 018, Karnataka State, India

Prof. A. S. Deshpande B.E., M.Tech., Ph.D.

REGISTRAR

Ref: VTU/BGM/Aca/A-12/ VTU RGS/DIS -ME/2021-22/ 5862/5
 To,
 The Principal,
 Dr.Ambedkar Institute of Technology, Bengaluru .

Phone : (0831) 2498100
 Fax : (0831) 2405467

Date : 18 FEB 2022

Sub: Grants for Research Proposal for the year 2021-22

Ref: 1. VTU/Aca./2021-22/ PS/2019-20/9707, dated 18-05-2021
 2. Hon'ble Vice-Chancellor's approval dt: 18-05-2022

At the outset please accept our congratulations and greetings.

We are pleased to inform you that, the grant of Rs. 6.00 Lakhs (Rupees Six Lakhs) is sanctioned to the research proposal entitled as "Designing and building a solar-based autonomous robot for intra-row weed elimination to aid small and mid-sized farmers." submitted by Dr.T N Raju (PI), Dr.Indumathi S K (CoI-1) and Dr. Manjunath Rao L (CoI-2) under VTU Research Grants Scheme -2021.

The expenditure of the sanctioned amount needs to be planned as under.

Expenditure Particulars		First Year (Rs. in Lakhs)	Second Year (Rs. in Lakhs)	Total (Rs. in Lakhs)
Non - Recurring	Fellowship for Research Scholar	1.20	1.20	2.40
	Equipments/Software/Instruments (Purchase of Desktops/Laptops are not permitted)	3.00	0.00	3.00
Recurring	Consumables (Glass wares/Chemicals)	0.20	0.20	0.40
	Others (Expenditure towards/ testing / consultancy / publications of research work in terms IPR Registrations (not for paper publications in journals) / TA - DA to present a paper in conferences or workshop or symposia in India .	0.10	0.10	0.20
Total (Rs. in Lakhs)		4.50	1.50	6.00
VTU Contribution (75% of the Sanctioned Amount) This amount will be released after receiving the acceptance letter and compliance of Point Number 10,11 & 12 mentioned in "Terms and Conditions"		3.375	1.125	4.50
Institute Contribution (25% of the Sanctioned Amount) Please Refer Point Number 10,11 & 12 in the "Terms and Conditions" and comply accordingly		1.125	0.375	1.50