

Dr. Ambedkar Institute of technology, Bengaluru-56
Department of Civil Engineering

The enclosed documents are verified & approved.



Prof & Head

Dr. S. Vijaya

Department of Civil engineering


Professor and Head

Department of civil Engineering

Dr. Ambedkar Institute of Technology

Bangalore - 560 056

NAAC CO-ORDINATORS:

MARY BHAGYA SATHI, Asst Professor 

Dr K Hemanth Kumar, Asst Professor 



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU - 560 056

Research and Development Cell

Dr. AIT/R&D/2019-20/24

Date: 16/03/2020

To

Dr. S. Soundeswaran

Assistant Professor

Department of Chemistry/Civil Engineering (Inter Department)

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 "Synthesis of Magnetorheological (MR) Fluid for Engineering Applications" submitted by Dr. S. Soundeswaran, Principal Investigator-Reg.

Ref No: Dr. AIT/R&D/2019-20/24 Dated: 16/03/2020

Sir/Madam,

With reference to the above subject, the project proposal entitled "Synthesis of Magnetorheological(MR) Fluid for Engineering Applications" submitted by Dr. S. Soundeswaran, Principal Investigator, Department of Chemistry/Civil Engineering of Dr. Ambedkar Institute of Technology (Dr. AIT), Bengaluru-560 056 is sanctioned with a grant of Rs 2,40,000/- (Rupees Two Lakh Forty thousand only) for a period of 12 months.

The details of the grant for which the total allocation of Rs 2,40,000/- are as follows:

Expenditure details	6 Months	6 Months	Total
Equipment:	Rs. 1,40,000.00	Rs. 1,40,000.00	Rs. 2,80,000.00
Consumables	Rs. 00.00	Rs. 00.00	Rs. 00.00
Contingency	Rs. 1,00,000.00	Rs. 1,00,000.00	Rs. 2,00,000.00
Total	Rs. 2,40,000.00	Rs. 1,00,000.00	Rs. 2,40,000.00

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.

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

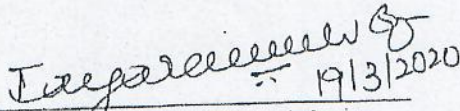
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr. AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

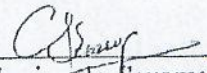
Thanking you,

Yours faithfully

Signature



Dr. G.V. Jayaramaiah
Dean (R & D)

Signature


Dr. C. Nanjunda Swamy
Principal

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.
6. PA-Principal for file


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ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

RPS - Sanction Letter

File No. 8-8/FDC/RPS/SC&ST (POLICY-1)/2019-20

Date: 13th March 2020

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070,

Sub: Release of a sum of Rs.926885/- being the 1st installment of the total grant of Rs.941000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2019-20.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs.926885/- (Rupees Nine Lakh Twenty Six Thousand Eight Hundred Eighty Five Only) as 1st installment out of a total approved grant-in-aid of Rs.941000/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

I.	Name and address of the Beneficiary Institution (University / College / Institution)	:	Registrar / Director / Principal, Dr. Ambedkar Institute of Technology, Outer Ring Road, Near Jnana Bharathi Campus, Mallathahalli, Bangalore Urban, Karnataka -560056
II.	Principal Investigator's Name & Dept./Course	:	Dr. Nanjundaswamy Chikkamadaiah, Civil Engineering
III.	Category of the P.I.	:	SC
IV.	Grant-in-aid Sanctioned	:	Rs.941000 /- (Rs. 799850/- for non-recurring and Rs.141150/- for recurring expenditure)
V.	Amount to be Released during the year 2019-20 (as 1 st installment)	:	Rs.926885/- (Rs.799850 /- Full amount of non-recurring & Rs.127035 /- 90 % of total recurring sanctioned)
VI.	Project Duration	:	3 Years
VII.	Title of the Project	:	ASSESMENT OF INDOOR AIR POLLUTION AND ITS IMPACT ON HUMAN HEALTH


I. Release of funds:

- The amount 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 Dr. Ambedkar Institute of Technology, Outer Ring Road, Near Jnana Bharathi Campus, Mallathahalli, Bangalore Urban, Karnataka - 560056 through RTGS/PMFS.
- The sanctioned grant-in-aid is debitable to the Major Head "601.12.b (RPS Plan)" (SC) and is valid for payment during the financial year 2019-20.
- The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
- The grant-in-aid is being released in conformity with the Terms & Conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

II. Maintenance of account by the Institute/PI:

- Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- The grant is intended to cover items of expenditure/equipment approved by AICTE.
- Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE within 15 days from the receipt of the grant to the following address:

Director (FDC), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070


Professor and Head
Department of civil Engineering
Dr. Ambedkar Institute of Technology
Bangalore - 560 056

Contd...2/-

4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the undermentioned bank account/RTGS/PFMS details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant:-

Institute Pan No.	Bank Name	Bank Branch	Bank Add.	Branch	Account Holder Name	Account Type	Account Number	IFSC Code
AAATP13 25M	Syndicate Bank	Dr. Ambedkar Institute Of Technology Branch	BDA Outer Ring Road, Janana Bharathi Campus, Bangalore		Principal	Saving Account	04862010000 031	SYNE0000486

6. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
7. Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.

III. General Instructions:

- It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned multiple RPS Projects.
- The duration of Project is 03 years and the date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/Director/Registrar shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to be adjusted in the grant and if the University/Institution do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it. The grant has to be refunded to AICTE, by way of a demand draft in favor of 'Member Secretary, AICTE payable at New Delhi.
- As AICTE needs adequate time for depositing the demand draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.
- The Institute may constitute a Project Evaluation Committee (PEC) The composition of the PEC shall be as under:
 - Principal/Director of the institution (Chairperson)
 - Two HODs from institute (Members)
 - In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
 - Coordinator of the project (Member Secretary)
- The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.
- Similarly, the recurring grant shall be used for the items sanctioned by the AICTE. No money be used for going abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant.
- No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
- The institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.

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Department of civil Engineering
T. Ambedkar Institute of Technology
Bangalore - 560 036.

9. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Evaluation Committee.
10. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
11. Each project sanctioned by AICTE is assigned a specific Reference Number which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.
12. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

IV. Submission of documents by the institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:


- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
- v. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.

B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back Form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

Note: Any deviation from the above said time schedule will cause serious action against the institute.

Contd...4/-


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Approved List of Items under Non-recurring grant:


S.No.	Approved Items (As per proposal)	Amount recommended
A	Non-recurring (Equipments)	
i)	Portable Indoor air Quality Monitor	
ii)	VOCs	
B	Recurring (for Contingencies & consumables only)	Rs. 799850/-
	Grand Total (A) + (B)	Rs. 127035/-
		Rs. 926885/-

Copy forwarded for information and necessary action to:

1. Registrar / Director / Principal,
Dr. Ambedkar Institute of Technology,
Outer Ring Road, Near Jnana Bharathi Campus,
Mallathahalli, Bangalore Urban, Karnataka -560056
2. Name of Principal Investigator,
Dr. Nanjundaswamy Chikkamadaiah,
(Civil Engineering),
Dr. Ambedkar Institute of Technology,
Outer Ring Road, Near Jnana Bharathi Campus,
Mallathahalli, Bangalore Urban, Karnataka -560056
3. Office of Director General of Audit
General Revenues, AGCR Building
I.P. Estate, New Delhi-110002.
4. Guard File

Yours sincerely,

(Col. B. Venkat)
Director (FDC)


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Dr. Ambedkar Institute of Technology
Bangalore - 560 056.



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

H. Hemanth Kumar
Executive Secretary

No: 7.1.03/SPP/154

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

Dear Sir/Madam,

Sub: 44th series Student Project Programme (SPP): Status of the sanctioned projects

Greetings from KSCST!

I am pleased to inform you that the projects submitted by your institution under the 44th series of SPP-KSCST have been shortlisted for funding and listed on our website. We do hope that faculty and students have taken note of it. We have also posted the sanction order and sanctioned amount for the projects to your institution.


As per the earlier announcements and due to the prevailing restrictions in the country to contain the COVID-19 pandemic, we are not conducting the midterm evaluations at the nodal centers as done earlier. We plan to organise final evaluation of the projects online and to conduct the online evaluations, we would like to have the status of the sanctioned projects. The following are the instructions to be followed to get the projects evaluated online.

- The project guide and SPP Coordinator shall update the project status to KSCST on or before 26th July 2021 by email to spp@kscst.iisc.ernet.in.
- The evaluation dates will be announced after 26th July 2021.
- The head of the institute shall make sure that all the sanctioned projects get evaluated online.
- Only students (at least one or two) shall present/demonstrate their project.
- The best projects after online evaluation will be awarded with "Best project of the year Award" under 44th Series of SPP.
- The Project Completion Report (Final report) has to be sent in SOFT COPY ONLY (SINGLE PDF FILE) by email to spp@kscst.iisc.ernet.in. The pdf file shall include the completion certificate of the project duly signed by the Project Guide and Head of the institution.

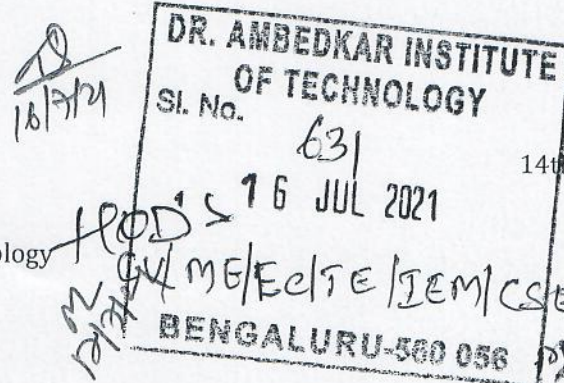
The evaluation dates, time-slots and other information regarding the online evaluation will be shared by email / website announcement, once we receive the information from your end.


Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Encl : List of sanctioned projects and NEFT details of released amount.




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Dr. Ambedkar Institute of Technology
Bangalore - 560 056

Subject: 44th Series of Student Project Program – Guidelines for online evaluation of projects

Dear Students and Faculty members,


Greetings from Karnataka State Council for Science and Technology!

This is to inform you that the evaluation of projects sponsored under 44th Series of Student Project Program is scheduled be held **online** this year. **The evaluation of the projects is expected to start on 30th July 2021** and complete latest by 16th August 2021.

The best projects from each branch of engineering will be selected by experts for awarding **"Best project of the year award"**. The best projects will be honored with cash prize and certificate from KSCST.

The guidelines for online presentation is printed below for your reference. Please read these carefully and follow all rules to diligently.

1. The online projects evaluation is on Google Meet web platform. The web link will be sent to the Team leader and project guide for online participation one / two days before the evaluation. Please check your emails regularly to note the date and time of evaluation (check in spam box also).
2. The Project teams shall be ready with the short PowerPoint presentation and demo of working model / project outcome. We inform you to intimate the status well in advance to process at our end.
3. The project team members shall login using their actual name and not nick name / short name to enable us to identify the student in the online meeting room.
4. Project team are invited to present through the power point presentation and demo. Please stick on to the time. All the participants except the presenter shall mute the mike and not to initiate / share the presentation. After presentation and evaluation, the team can exit from the presentation group.
5. Each project group is **allotted 10 minutes for presentation and demo**. (date and time will be intimated to you in advance).
6. Please stick to your contributions and project deliverables, taking only 2-3 minutes for introduction/ background and literature. Spend more time on your work – implementation, experiments and results and 2 minutes for special efforts done by you in the project. We expect maximum of two students to present the project.
7. Prepare the presentation in advance and check for lab availability, computers, network etc. Last minute preparation may lead to problems in interacting with experts. Check for adequate internet bandwidth and sufficient lighting for demonstration of your project.
8. Students shall not use mobile for presentation; they need to use laptops or desktops for presentation.
9. The project team shall keep all demo items on a table near the presentation place visible to the experts.


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Bangalore - 560 001



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, 23341640-23341649, 23341650

Email: office.kscst@isc.ac.in, office@kscst.org In: Web: www.kscst.kscst.org, www.kscst.org

Mr. H. Hemant Kumar
Executive Secretary

Ref: 7.J.01/SPP/10

21st April 2021

The Principal
Dr. Ambedkar Institute of Technology Campus
BOA 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_2230**


Ref: Your Project Proposal entitled " **STUDIES ON GEOTECHNICAL PROPERTIES OF CONTAMINATED SOIL ALONG THE VRISHABHAVATHI RIVER STRETCH AND ITS IMPLICATIONS ON**

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. Vinod Kumar	Budget	
	Mr. Shivaraj M Mulu Gund	Particulars	Amount (Rs.)
	Ms. Pallavi N	Materials/Consumables	3,000.00
	Ms. Sudharani S Reddy	Labour	500.00
Guide/s	Dr. S D Venkatarama Mohan	Travel	500.00
	Dr. A.A. Jahagirdar	Miscellaneous	500.00
Department	Civil Engineering	Report	500.00
		Total	5,000.00
FIVE 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.iscernet.in] and should include following:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords


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