

**3.1.1 GRANTS RECEIVED FROM GOVERNMENT  
AND NON-GOVERNMENTAL AGENCIES FOR  
RESEARCH PROJECTS/ ENDOWMENTS IN THE  
INSTITUTION DURING THE LAST FIVE YEARS  
(INR IN LAKHS)**

**2021-2022**

**DST/WOS-B/AFE-31/2021(G)**  
Government of India  
Ministry of Science & Technology  
Department of Science & Technology  
(WISE-KIRAN Division)

Technology Bhawan,  
New Mehrauli Road  
New Delhi - 110016  
Dated: 07.09.2021

**ORDER**

**Sub:** Financial approval of **WOS-B** project proposal entitled "Synergistic plant-based formulation for the control of Housefly infestation in poultry" for the duration of 24 months.

**PI:** Dr. Priyanka R, Sir M Visvesvaraya Institute of Technology, Bengaluru, Karnataka-562157.

Sanction of the President is hereby accorded to the above-mentioned project at a total cost of Rs. 24,48,832/- (**Rupees Twenty-Four Lakh Forty Eight Thousand Eight Hundred Thirty Two only**) to Sir M Visvesvaraya Institute of Technology, Bengaluru, Karnataka for a duration **24** months. The detailed breakup of the grant towards General Components and Capital Assets are given below:

General Component: Rs. 22,48,832/-  
Capital Component: Rs. 2,00,000/-  
**Total** : Rs. 24,48,832/-

Detailed breakup of the total grant towards above WOS-B project for **24** months duration is given below:

Sl. No.	Heads	1st Year (Rs.)	2nd Year (Rs.)	Total (Rs.)
A.	Non-Recurring (Capital Items)			
	Equipment Cost	2,00,000	-----	2,00,000
B.	Recurring (REC)(General)			
	<b>Recurring -I</b>	4,80,000	4,80,000	9,60,000
	a. Fellowship @ Rs 40,000/- p.m. for 36 months			
	b. HRA @24%	1,15,200	1,15,200	2,30,400
	<b>Recurring -II</b> (Consumables, Other Costs and Travel)	420,000	420,000	840,000
	<b>Recurring -III</b> (Contingencies)	20,000	20,000	40,000
C.	<b>Recurring -IV</b> (Overhead)	1,00,000	78,432	1,78,432
D.	Total of Recurring Grant (B+C)	11,35,200	11,13,632	22,48,832
E.	GRAND TOTAL (A+D)	13,35,200	11,13,632	24,48,832

2. While providing operational flexibility amount various sub-heads under head Recurring-II, it should be ensured that not more than Rs. 75,000/- should be spent for Travel in 3 years.

3. The sanction of the President is also accorded to the release of Rs. 11,35,200/- (**Rupees Eleven Lakh Thirty Five Thousand Two Hundred only**) under 'General component' and Rs.

Dr. CHHAMA AWASTHI  
Scientist 'C'  
Ministry of Science & Technology  
New Delhi

2,00,000/- (**Rupees Two Lakh only**) under Capital Assets as the first installment of grant for implementation of the above-mentioned project.

4. The amount of **Rs. 11,35,200/- (Rupees Eleven Lakh Thirty Five Thousand Two Hundred only)** will be drawn by the Drawing and Disbursing Officer, Department of Science and technology (DST) and will be disbursed to Sir M Visvesvaraya Institute of Technology, Bengaluru, Karnataka-562157 through RTGS for account details as given below:

Institution Account Name	Sir M Visvesvaraya Institute of Technology, Bengaluru, Karnataka-562157.
Saving Bank Account Number	183110000011
Name of Bank	Kotak Mahindra Bank
Branch Name	SMVIT Branch
RTGS/IFSC Code	KKBK0008084

5. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/ accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

6. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal and UC id number should be intimated to us besides sending it in physical form to this Division. The subsequent/ final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE&UC has to be furnished for the released Capital head grant.

8. The grant-in-aid being released is subject to the condition that:

(a) **As per Rule 149 of GFR, 2017, the Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM only.**

(b) While submitting Utilization Certificate & Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

(c) **"Grantee organization is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee organization."**

9. As per General Financial Rules (GFR) 2017, the grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be **remitted to Consolidated Fund of India (CFI)(through Non-Tax Receipt Portal (NTRP)) i.e. www.bharatkosh.gov.in**, immediately after finalization of accounts of each financial year as it shall not be adjusted towards future release of Grant. A

डॉ. शशि कान्त  
वैज्ञानिक  
भाग  
TECHNICAL STAFF  
TAMAMA AWASTHI  
भाग  
TECHNOLOGY

certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of Grant/Closure of project accounts.

10. (a) **DST reserves sole rights on the assets out of grants.** Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

(b) DST reserves rights to close the project activity any time based on the review of progress of the project.

(c) A prior intimation to DST by grantee is must before leaving the country for attending conference/availing any short term fellowship abroad during the project tenure.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C & AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. **Due acknowledgment** of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and condition of the Bond (if applicable) will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

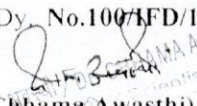
14. **The targeted deliverables along with the timelines as proposed in the project are annexed herewith. The subsequent releases will be made on the basis of "Targets Vs Achievement".**

15. The expenditure involved is dubitable to Demand No.88, Department of Science & Technology for the year 2021-22:

3425 Other Scientific Research (Major Head)  
60 Others (Sub-Major Head)  
60.200 Assistance to other Scientific Bodies (Minor Head)  
68 Science and Technology Institutional and Human Capacity Building (Sub Head)  
01 Disha Programme for Women in Science  
68.01.31 **Grants-in-aid General** for the year 2021-22 (Voted)  
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

16. As per rule 234 of GFR, this sanction has been entered in the register maintained by the WISE-KIRAN Division (Disha Programme for Women in Science) for the Grant-in-aid sanctions and a serial no assigned in the register for this sanction is **284**.

17. This issues with the concurrence of IFD of DST vide the concurrence Dy. No.100/IFD/1810 /2021-22 dated 07.09.2021.

  
डॉ. चहमा अवास्थी  
वेज्ञानिक  
विज्ञान और SCIL  
DEPTT. OF SCIL  
भारत सरकार / Govt. of India  
नई दिल्ली-110016 / New Delhi-110016  
Scientist 'C'  
TECHNOLOGY

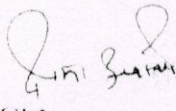
To

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The Pay and Accounts Officer  
Department of Science & Technology  
New Delhi.

Copy forwarded for information and necessary action to:

1. Cash Section (Three copies including original one).
2. PAO, DST, New Delhi.
3. Director of Audit (CW&M-II), Indraprastha Estate, AGCR Building, New Delhi - 110002.
4. Director, Sir M Visvesvaraya Institute of Technology, Bengaluru, Karnataka-562157.
5. Dr. H.G. Nagendra, Prof & Head, Department of Biotechnology, Sir M Visvesvaraya Institute of Technology, Bengaluru, Karnataka-562157. (Mentor)
6. Dr. Priyanka R, Sir M Visvesvaraya Institute of Technology, Bengaluru, Karnataka-562157.
7. Sanction Folder
8. WISE-KIRAN Secretariat/Head, WISE-KIRAN Division.

  
(Chhama Awasthi)  
Scientist (C)  
जि. वन अवेस्टी  
वैज्ञानिक  
विज्ञान और  
DEPT OF SCI  
भारत सरकार  
नई दिल्ली-110016



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(“ವಿ ಬ ಯು ಟಿ ಅಧಿನಿಯಮ ೧೯೯೪” ರ ಅಧಿಯನ್ವಯ ಭಾರತ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)  
‘ಜ್ಞಾನ ಸಂಗಮ’, ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ರಸಾಯನ 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.

Phone : (0831) 2498100

REGISTRAR

Fax : (0831) 2405467

Ref: VTU/BGM/Aca/A-12/ VTU RGS /DIS -CSE/2021-22/ 6665/12

Date : 2 MAR 2022

To,  
The Principal,  
Sir M Visvesvaraya Institute of Technology, Bengaluru.

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

Ref.: 1. VTU/Aca./2021-22/ PS/2019-20/9707, dated 18-3-2020.

2. Hon'ble Vice-Chancellor's approval dt:11-02-2022.

*At the outset please accept our congratulations and greetings.*

We are pleased to inform you that, the grant of Rs. 9.00 Lakhs (Rupees Nine Lakh only) is being sanctioned for the research proposal entitled as “Automated Monitoring and Control of Sustainable Hydroponic System..” submitted by Dr.Vanipriya C.H. (PI), Dr.Rashmi K.V. (CoI-1) and Mrs. Mayuri K P (CoI-2) under VTU Research Grants Scheme -2021.

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

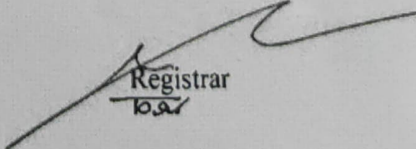
Expenditure Particulars		First Year (Rs. in Lakhs)	Second Year (Rs. in Lakhs)	Total (Rs. in Lakhs)
Non - Recurring	Fellowship for Research Scholar	1.20	1.20	2.40
	Equipments/Software/Instruments	4.00	1.00	5.00
Recurring	Consumables (Glass wares/Chemicals)	0.85	0.25	1.10
	Others (Expenditure towards/ 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 .	0.25	0.25	0.50
Total (Rs. in Lakhs)		6.30	2.70	9.00
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”		4.725	2.025	6.75
Institution Contribution (25% of the Sanctioned Amount) Please Refer Point number 10,11 &12 in the “Terms and Conditions” and comply accordingly		1.575	0.675	2.25

*Applicable Terms and Conditions:*

1. The grant will be released in the name of the Principal of the Institute and Principal Investigator of the project.
2. The grant shall be utilized for the purpose for which it has been sanctioned.
3. The research activities of the sanctioned projects will be evaluated at the end of each year by committee constituted by VTU. Also, the LIC team of VTU may review the progress.
4. Change in heads of expenditure mentioned in the table on the previous page is not permitted.
5. The grantee institute has to abide by the guidelines of VTU Research Grant Scheme.
6. VTU reserves all the rights to change/modify rules/guidelines in this regard.
7. The Principal of the institute shall submit year wise Utilization Certificate (UC) and in the prescribed format and Audit Report (Duly signed by CA) to the undersigned. The subsequent grant will be released only after submission of UC for the grant released earlier along with details of expenditure and satisfactory work progress report.
8. The project will last for two years from the day that the Grantee Institute receives the amount of first Installment.
9. Any correspondence by the Investigators to the Registrar of VTU shall be routed through the Principal of the Grantee Institute
10. VTU shall release the amount of first installment, after an exclusive Joint Bank Account for the sanctioned project is opened and remitted the Institute share of 25% of the First Year Installment as mentioned in the above table and same shall be intimated to VTU by submitting copy of account statement.
11. The exclusive Bank Account must be Join Account in the name of Principal of the Institute and Principal Investigator with the title of the project mentioned as purpose.
12. Grantee Institute shall submit account details in the *mandate form (enclosed)* along with duly signed *acceptance letter (Format Enclosed)*. These are required for issuing the order and release of fund from our end.

Thanking you,

Yours faithfully,,

  
Registrar  
10.9.17

Encl:

- 1) Format of Mandate Form
- 2) Format of Acceptance letter





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಬಿ ಯುಟಿ ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)  
"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

## Visvesvaraya Technological University

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"Jnana Sangama", Belagavi-590 018, Karnataka State, India

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

Phone : (0831) 2498100

REGISTRAR

Fax : (0831) 2405467

Ref: VTU/BGM/Aca/A-12/ VTU RGS/DIS -EEE/2021-22/ 6666/20

Date : - 2 MAR 2022

To,  
The Principal,  
Sir M Visvesvaraya Institute of Technology, Bengaluru.

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

Ref.: 1. VTU/Aca./2021-22/ PS/2019-20/9707, dated 18-3-2020.

2. Hon'ble Vice-Chancellor's approval dt:11-02-2022.

*At the outset please accept our congratulations and greetings.*

We are pleased to inform you that, the grant of Rs. 10.00 Lakhs (Rupees Ten Lakh only) is being sanctioned for the research proposal entitled as "Design and Fabricate Low Profile Ultrawide Band Multibeam Array Antennas for UAV and RADAR Applications..." submitted by Dr.Sasmita Mohapatra (PI) and Dr. R Sundaraguru (CoI) 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 )	5.00	1.00	6.00
Recurring	Consumables (Glass wares/Chemicals)	0.75	0.50	1.25
	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 .	0.25	0.10	0.35
Total (Rs. in Lakhs)		7.20	2.80	10.00
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"		5.40	2.10	7.50
Institution Contribution (25% of the Sanctioned Amount) Please Refer Point number 10,11 &12 in the "Terms and Conditions" and comply accordingly		1.80	0.70	2.50

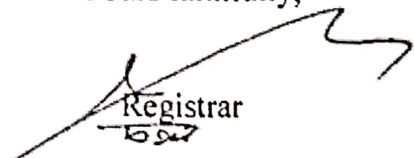
Dr. Sasmita, ECE  
to discuss  
[Signature]

**Applicable Terms and Conditions:**

1. The grant will be released in the name of the Principal of the Institute and Principal Investigator of the project.
2. The grant shall be utilized for the purpose for which it has been sanctioned.
3. The research activities of the sanctioned projects will be evaluated at the end of each year by committee constituted by VTU. Also, the LIC team of VTU may review the progress.
4. Change in heads of expenditure mentioned in the table on the previous page is not permitted.
5. The grantee institute has to abide by the guidelines of VTU Research Grant Scheme.
6. VTU reserves all the rights to change/modify rules/guidelines in this regard.
7. The Principal of the institute shall submit year wise Utilization Certificate (UC) and in the prescribed format and Audit Report (Duly signed by CA) to the undersigned. The subsequent grant will be released only after submission of UC for the grant released earlier along with details of expenditure and satisfactory work progress report.
8. The project will last for two years from the day that the Grantee Institute receives the amount of first Installment.
9. Any correspondence by the Investigators to the Registrar of VTU shall be routed through the Principal of the Grantee Institute
10. VTU shall release the amount of first installment, after an exclusive Joint Bank Account for the sanctioned project is opened and remitted the Institute share of 25% of the First Year Installment as mentioned in the above table and same shall be intimated to VTU by submitting copy of account statement.
11. The exclusive Bank Account must be Join Account in the name of Principal of the Institute and Principal Investigator with the title of the project mentioned as purpose.
12. Grantee Institute shall submit account details in the mandate form (enclosed) along with duly signed acceptance letter (Format Enclosed). These are required for issuing the order and release of fund from our end.

Thanking you,

Yours faithfully,

  
Registrar  
15/07

Encl:

- 1) Format of Mandate Form
- 2) Format of Acceptance letter



# 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

11th May, 2022

Ref: 7.1.01/SPP/91

The Principal,  
Sir M. Visvesvaraya Institute of Technology,  
Krishnadevarayanagar,  
Hunasamaranahalli,  
Bengaluru - 562 157

Dear Sir/Madam,

**Sub :** Sanction of Student Project - 45th Series: Year 2021-2022

**Project Proposal Reference No. :** 45S\_BE\_1335

Ref : Project Proposal entitled **PROCESSING AND NUTRITIONAL EVALUATION OF PROTEINACEOUS PRODUCT FROM UNDERUTILIZED LEGUME AND MILLETS .**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

<b>Student(s)</b>	Ms. DARSHINI B M	<b>Department</b>	BIOTECHNOLOGY
	Ms. PACHAVA VIVEK		
	Ms. POOJITHA M		
<b>Guide(s)</b>	Dr. RASHMI K V	<b>Sanctioned Amount (in Rs.)</b>	9,000.00

## Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
  - Project Reference Number
  - Title of the project
  - Name of the College & Department
  - Name of the students & Guide(s)
  - Keywords
  - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  - Objectives (about 10 lines)

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
  - 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
  - 10) Scope for future work (about 20 lines).
- e) In case of incometed projects, the sanctioned amount shall be returned to KSCST.
  - f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
  - g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
  - h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/PciAaAVisn6bn8AM7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The HoD  
BIOTECHNOLOGY  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. RASHMI K V  
BIOTECHNOLOGY  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER  
KSCST, BENGALURU



# 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

11th May, 2022

Ref: 7.1.01/SPP/91

The Principal,  
Sir M. Visvesvaraya Institute of Technology,  
Krishnadevarayanagar,  
Hunasamaranahalli,  
Bengaluru - 562 157

Dear Sir/Madam,

**Sub :** Sanction of Student Project - 45th Series: Year 2021-2022

**Project Proposal Reference No. :** 45S\_BE\_1146

Ref : Project Proposal entitled **BACTERIAL BASED SELF HEALING CONCRETE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

<b>Student(s)</b>	Mr. ROHAN BABU S B	<b>Department</b>	CIVIL ENGINEERING
	Mr. PUNEETH GOWDA N		
	Mr. ABHIRAM S R		
	Mr. NAVEEN P D		
<b>Guide(s)</b>	Dr. RAVI KUMAR H	<b>Sanctioned Amount (in Rs.)</b>	6,000.00
Dr. PRIYA NARAYAN			

## Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
  - Project Reference Number
  - Title of the project
  - Name of the College & Department
  - Name of the students & Guide(s)
  - Keywords
  - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  - Objectives (about 10 lines)

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
  - 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
  - 10) Scope for future work (about 20 lines).
- e) In case of incometed projects, the sanctioned amount shall be returned to KSCST.
  - f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
  - g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
  - h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/PciAaAVisn6bn8AM7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The HoD  
CIVIL ENGINEERING  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. RAVI KUMAR H                      Dr. PRIYA NARAYAN  
CIVIL ENGINEERING  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER  
KSCST, BENGALURU



# 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

11th May, 2022

Ref: 7.1.01/SPP/91

The Principal,  
Sir M. Visvesvaraya Institute of Technology,  
Krishnadevarayanagar,  
Hunasamaranahalli,  
Bengaluru - 562 157

Dear Sir/Madam,

**Sub :** Sanction of Student Project - 45th Series: Year 2021-2022

**Project Proposal Reference No. :** 45S\_BE\_1308

Ref : Project Proposal entitled **A STUDY ON TREATMENT OF GREY WATER USING CEMENT KILN DUST AND CHEMICAL COAGULANTS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

<b>Student(s)</b>	Ms. ASHWINI A	<b>Department</b>	CIVIL ENGINEERING
	Mr. ARUN KUMAR K R		
	Mr. CHETHAN B		
	Mr. K N CHINAKA DARSHAN		
<b>Guide(s)</b>	Ms. VYSHNAVI D R	<b>Sanctioned Amount (in Rs.)</b>	5,500.00
	Mr. SHIVANNA S		

### Comments / Suggestions of the Experts

*Experiments should be done in 2-5Liter containers and mass balance determined along with changes in water quality. Cement dust should be characterized for its properties including its calcium, magnesium and related alkaline earth metal conten.*

### Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
  - Project Reference Number
  - Title of the project
  - Name of the College & Department

- 4) Name of the students & Guide(s)
  - 5) Keywords
  - 6) Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  - 7) Objectives (about 10 lines)
  - 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
  - 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
  - 10) Scope for future work (about 20 lines).
- e) In case of incompeted projects, the sanctioned amount shall be returned to KSCST.
  - f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
  - g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
  - h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and student(s) shall be uploaded in the following Google Forms Link <https://forms.gle/PciAaAVisn6bn8AM7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The HoD  
CIVIL ENGINEERING  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Ms. VYSHNAVI D R                      Mr. SHIVANNA S  
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Sir M. Visvesvaraya Institute of Technology,  
Krishnadevarayanagar,  
Hunasamaranahalli,  
Bengaluru - 562 157

Dear Sir/Madam,

**Sub :** Sanction of Student Project - 45th Series: Year 2021-2022

**Project Proposal Reference No. :** 45S\_BE\_1328

Ref : Project Proposal entitled **GREEN AUDIT A NEW APPROACH FOR SUSTAINABILITY**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

<b>Student(s)</b>	Mr. DAIVEEK PRASAD	<b>Department</b>	CIVIL ENGINEERING
	Mr. RITHIK M		
	Ms. M MANISHA		
	Ms. DEESHA V		
<b>Guide(s)</b>	Dr. SHIVANNA.S	<b>Sanctioned Amount (in Rs.)</b>	6,000.00
	Ms. VYSHNAVI		

## Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
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  - Project Reference Number
  - Title of the project
  - Name of the College & Department
  - Name of the students & Guide(s)
  - Keywords
  - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
  - Objectives (about 10 lines)

- 8) Methodology ( about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
  - 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
  - 10) Scope for future work (about 20 lines).
- e) In case of incometed projects, the sanctioned amount shall be returned to KSCST.
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  - h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/PciAaAVisn6bn8AM7>. The report should be prepared in the format prescribed by the university.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

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CIVIL ENGINEERING  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. SHIVANNA.S                      Ms. VYSHNAVI  
CIVIL ENGINEERING  
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Executive Secretary

11th May, 2022

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Sir M. Visvesvaraya Institute of Technology,  
Krishnadevarayanagar,  
Hunasamaranahalli,  
Bengaluru - 562 157

Dear Sir/Madam,

**Sub :** Sanction of Student Project - 45th Series: Year 2021-2022

**Project Proposal Reference No. :** 45S\_BE\_3005

Ref : Project Proposal entitled **SURFACE PROPERTIES MODIFICATION TO ENHANCE MECHANICAL PROPERTIES,WEAR AND CORROSION BEHAVIOUR OF MATERIALS BY FRICTION STIR PROCESSING.**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

<b>Student(s)</b>	Mr. PUNITH C H	<b>Department</b>	MECHANICAL ENGINEERING
	Mr. SHASHANK		
	Mr. PAPPU		
	Mr. ABHISHEK		
<b>Guide(s)</b>	Dr. PRASHAANT S HUMNABAD	<b>Sanctioned Amount (in Rs.)</b>	7,000.00

## Instructions:

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  - Name of the College & Department
  - Name of the students & Guide(s)
  - Keywords
  - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
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  - 10) Scope for future work (about 20 lines).
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Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.org.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

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MECHANICAL ENGINEERING  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 2) Dr. PRASHAANT S HUMNABAD  
MECHANICAL ENGINEERING  
Sir M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU
- 3) THE ACCOUNTS OFFICER  
KSCST, BENGALURU