



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

24th April 2021

Ref: 7.1.01/SPP/10

The Principal
K.S. Institute of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru - 560 062

Dear Sir/Madam,

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

Your Project Proposal Reference No. : **44S_BE_2133**

Ref : Your Project Proposal entitled "**FABRICATION OF PORTABLE SHREDDING AND COMPOSTING DEVICE FOR KITCHEN AND GARDEN WASTE.**"

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:

Detailed below:			
Students	Mr. Anirudh Bharadhwaj K	Budget	
	Mr. Bharath Kumar G	Particulars	Amount (Rs)
	Mr. Ganapati Manjunath Hegde	Materials/Consumables	4,000.00
	Mr. Ganeshkumar Narayan Hegde	Labour	500.00
Guide/s	Prof. K Prasad	Travel	500.00
		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 points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

A COMPLETE UNIT SHOULD BE MADE AND DEMONSTRATE

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. B Sudarshan
SPP Coordinator
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru - 560 062
- 2) Prof. K Prasad
Department of Mechanical Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
Kanakapura Main Road
Bengaluru - 560 062
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Bengaluru - 560 062

Dear Sir/Madam,

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

Your Project Proposal Reference No. : **44S_BE_2206**

Ref : Your Project Proposal entitled "**FABRICATION AND PERFORMANCE TESTING OF PORTABLE ARCHIMEDES SCREW MICRO-HYDRO GENERATOR**"

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	Particulars	Budget	
		Amount (Rs.)	
Mr. R Gokul Mr. Rajath N R Mr. Satwik Shivaram Bhat Mr. Shashank L	Materials/Consumables	4,000.00	
	Labour	500.00	
	Travel	500.00	
	Miscellaneous	500.00	
Guide/s	Report	500.00	
	Total	6,000.00	
Department	Mechanical Engineering		
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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- 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

6) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

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Kanakapura Main Road
Bengaluru - 560 062
- 2) Mr. K Prasad
Department of Mechanical Engineering
K.S. Institute Of Technology
No.14 Raghuvanahalli
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- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Dear Sir/Madam,

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

Your Project Proposal Reference No. : **44S_BE_2134**

Ref : Your Project Proposal entitled " **DESIGN AND DEVELOPMENT OF ZERO LAG TURBOCHARGER TO INCREASE ENGINE EFFICIENCY AND TO REDUCE AIR POLLUTION**

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:

Students	Mr. Darshan B S	Budget	
	Mr. Asif K	Particulars	Amount (Rs)
	Mr. Abhilash K S	Materials/Consumables	5,000.00
	Mr. Prakash Y	Labour	500.00
Guide/s	Prof. Anilkumar A	Travel	-
		Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,500.00
	SIX THOUSAND FIVE HUNDRED RUPEES ONLY		

The following are the guidelines to carryout the project work :

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- 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 points:
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6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

MUST DEMONSTRATE, PREFERABLY TORQUE VS SPEED

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- 2) Prof. Anilkumar A
Department of Mechanical Engineering
K.S. Institute Of Technology
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Your Project Proposal Reference No. : **44S_BE_2136**

Ref : Your Project Proposal entitled " **AUTOMATIC DISINFECTANT SYSTEM**

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:

Detailed Below:			
Student / s	Mr. Puneeth Gowda.N	Budget	
	Mr. Sowrav A	Particulars	Amount (Rs.)
	Mr. Skanda S	Materials/Consumables	4,000.00
	Mr. Shashikiran S	Labour	500.00
Guide/s	Mr. Gautham S	Travel	500.00
		Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,000.00
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Department of Mechanical Engineering
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No.14 Raghuvanahalli
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