



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

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

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
K.S. Institute of Technology,
Bengaluru - 560 062.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_1305**

Ref : Your Project Proposal entitled " **RAKSHAK - A BORED WELL RESCUE BOT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. Kadri Srinidhi Rao Ms. Jeevitha Kalaashilpa N C Ms. Ashwini S Ms. Bhagya Shree S J	Budget	
		Particulars	Amount (Rs.)
Guide/s	Dr. P N Sudha	Travel	-
	-	Miscellaneous	-
Department	Electronics And Communication Engineering	Report	500.00
		Total	5,500.00
Five Thousand Five Hundred 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 one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) 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

43S_BE_1305

- 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.)

- e) Projects selected for Seminar / Exhibition will be awarded.

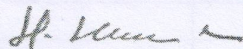
The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre 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:

- 1) The Head of the Department of
Electronics And Communication Engineering
K.S. Institute Of Technology,
Bengaluru - 560 062.
- 2) Dr. P N Sudha
Department of Electronics And Communication Engineering
K.S. Institute Of Technology,
Bengaluru - 560 062.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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The Principal,
K.S. Institute of Technology,
Bengaluru - 560 062.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_1303**

Ref : Your Project Proposal entitled " **AUTOMATIC SEGREGATION OF WASTE USING ROBOTIC ARM**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. Bhoomika P M Ms. Sonika V Ms. Suma B S Ms. Vismitha Sonna	Budget	
		Particulars	Amount (Rs.)
Guide/s	Mrs. V Sangeetha	Travel	-
	-	Miscellaneous	-
Department	Electronics And Communication Engineering	Report	500.00
		Total	4,500.00
Four Thousand Five Hundred Rupees Only			

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(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.)

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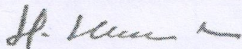
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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

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Electronics And Communication Engineering
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Bengaluru - 560 062.
- 2) Mrs. V Sangeetha
Department of Electronics And Communication Engineering
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Bengaluru - 560 062.
- 3) The Finance Officer, KSCST, Bengaluru

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The Principal,
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Bengaluru - 560 062.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_1306**

Ref : Your Project Proposal entitled " **PROPULSION OF TURBOJET ENGINE USING HHO GAS GENERATED FROM WATER BY HHO GENERATOR**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Sreekara K B	Budget	
		Particulars	Amount (Rs.)
-	Mr. Shiva Shankar B M	Materials/Consumables	4,500,00
	Mr. Sumesh R	Labour	"
	Mr. Supreeth K R	Travel	"
Guide/s	Mr. Anil Kumar A	Miscellaneous	500,00
	-	Report	500,00
Department	Mechanical Engineering	Total	5,500,00

Five Thousand Five Hundred Rupees Only

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 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

H. H. Hemanth Kumar
18.5.2020

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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.)**

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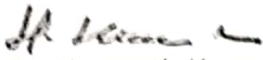
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Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,


(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
K.S. Institute Of Technology,
Bengaluru - 560 062.
- 2) Mr. Anil Kumar A
Department of Mechanical Engineering
K.S. Institute Of Technology,
Bengaluru - 560 062.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Executive Secretary

16th March 2020

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The Principal,
K.S. Institute of Technology,
Bengaluru - 560 062,

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series; Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_1310**

Ref : Your Project Proposal entitled " **DESIGN AND AUTOMATION OF NUTRIENT FEED SYSTEM TO ENHANCE GROWTH RATE IN HYDROPONICS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Particulars	Budget	
		Amount (Rs.)	
Ms. S Pechu Muthu	Materials/Consumables	4,000.00	
Mr. Pramod Raj K	Labour	-	
Mr. Sagar N	Travel	-	
Mr. Sharath S Yadav	Miscellaneous	500.00	
Guide/s	Report	500.00	
Mr. Gautham S			
-			
Department			
Mechanical Engineering			
	Total	5,000.00	

Five Thousand Rupees Only

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 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
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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.)

e) Projects selected for Seminar / Exhibition will be awarded,

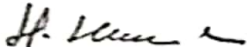
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Bengaluru - 560 062.

- 2) Mr. Gautham S
Department of Mechanical Engineering
K.S. Institute Of Technology,
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KSCST

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Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
K.S. Institute of Technology,
Bengaluru - 560 062.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_1307**

Ref : Your Project Proposal entitled " **DESIGN AND FABRICATION OF SOLID WASTE COLLECTOR AND WATER DE-FROTHING DEVICE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. M Venkatesh Kashyap Mr. Ashwin Maiya M Mr. Harshith S Mr. Manoj R	Budget	
		Particulars	Amount (Rs.)
Guide/s	Prof. Umashankar M	Travel	-
	-	Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	5,500.00

Five Thousand Five Hundred Rupees Only

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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

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Mechanical Engineering
K.S. Institute Of Technology,
Bengaluru - 560 062.

2) Prof. Umashankar M
Department of Mechanical Engineering
K.S. Institute Of Technology,
Bengaluru - 560 062.

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/053

The Principal,
K.S. Institute of Technology,
Bengaluru - 560 062.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. 1 **43S_BE_1306**

Ref : Your Project Proposal entitled " **PROPULSION OF TURBOJET ENGINE USING HHO GAS GENERATED FROM WATER BY HHO GENERATOR**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Sreekar K B	Budget	
		Particulars	Amount (Rs.)
	Mr. Shiva Shankar B M	Materials/Consumables	4,500.00
	Mr. Sumesh R	Labour	-
	Mr. Supreeth K R	Travel	-
Guide/s	Mr. Anil Kumar A	Miscellaneous	500.00
	"	Report	500.00
Department	Mechanical Engineering	Total	5,500.00
Five Thousand Five Hundred Rupees Only			

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H. H. Hemanth Kumar
18.5.2020

- a) Introduction / Background
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- c) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- d) Results and Conclusions
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K.S. Institute Of Technology,
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Department of Mechanical Engineering
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Encl: As Above



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The Principal,
K.S. Institute of Technology,
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Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020

Your Project Proposal Reference No. : **43S_BE_3588**

Ref : Your Project Proposal entitled " **SMART WRIST BAND FOR ALZHEIMER'S AND SLEEP APNEA VICTIMS**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Ms. R K Aishwarya	Budget	
		Particulars	Amount (Rs.)
	Ms. Pallavi. C		
	Ms. Rekha. K. S	Materials/Consumables	4,000.00
	-	Labour	-
Guide/s	Ms. Rekha. N	Travel	-
	-	Miscellaneous	500.00
Department	Telecommunication Engineering	Report	500.00
		Total	5,000.00
Five Thousand Rupees Only			

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Telecommunication Engineering
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Bengaluru - 560 062.
- 2) Ms. Rekha. N
Department of Telecommunication Engineering
K.S. Institute Of Technology,
Bengaluru - 560 062.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above