



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

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_0884

Ref : Your Project Proposal entitled "**EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES AND DURABILITY CHARACTERISTICS OF FLYASH-GGBS BLENDED GEO-POLYMER CONCRETE**"

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. Udaya Prasad G R	Budget	
		Particulars	Amount (Rs.)
	Mr. Yeshwanth M K		
	Mr. Zeeshan Haider Ansari	Materials/Consumables	3,000.00
	Mr. Mohammed Hannan	Labour	500.00
Guide/s	Mr. Mandeep G	Travel	500.00
	-	Miscellaneous	-
Department	Civil Engineering	Report	500.00
		Total	4,500.00
Four 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

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
Civil Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 2) Mr. Mandeep G
Department of Civil Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : **43S_BE_0882**

Ref : Your Project Proposal entitled " **STUDY ON SPATIAL AND TEMPORAL VARIATION OF WATER QUALITY IN LAKSHMANTHIRTHA WATERSHED**

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. Anusha A S	Materials/Consumables	3,000.00	
Mr. Prajwal K M			
Ms. Bhagya Jyoti			
Mr. Akash S		Labour	-
Guide/s	Travel	500.00	
	Miscellaneous	500.00	
Department	Report	500.00	
	Total	4,500.00	

Four Thousand Five Hundred Rupees Only

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- 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.
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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 :
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 - Name of the College & Department
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 - 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.)

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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
Civil Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Dr. Akshaya B J
Department of Civil Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_3284**

Ref : Your Project Proposal entitled " **3D PRINTING USING RECYCLED FILAMENT**

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. Mohammed Assim	Budget	
		Particulars	Amount (Rs.)
	Ms. Pooja H	Materials/Consumables	4,000.00
	Mr. Prashanth B	Labour	500.00
	Ms. Srinidhi D S	Travel	500.00
Guide/s	Mr. Sathish K R	Miscellaneous	500.00
	-	Report	500.00
Department	Electrical And Electronics Engineering	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 one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
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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.)

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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
Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Mr. Sathish Kr
Department of Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : 43S_BE_0876

Ref : Your Project Proposal entitled " **AADHAAR ENABLED AUTOMATED RATION DISTRIBUTION FOR REMOTE PLACES**

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. Pallavi K R	Budget	
		Particulars	Amount (Rs.)
Student / s	Ms. Monica R		
	Mr. Amrutesh H K	Materials/Consumables	3,000.00
	Mr Poornachandrasagar N	Labour	500.00
	Mr. Sathish Kr	Travel	500.00
Guide/s	Mr. Shreeshayana R	Miscellaneous	500.00
	Department	Electrical And Electronics Engineering	Report
		Total	5,000.00
Five Thousand 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 :
 - 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.)

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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
Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Mr. Sathish Kr
Department of Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
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office.kscst@iisc.ac.in

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16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : **43S_BE_3282**

Ref : Your Project Proposal entitled " **DEVELOPMENT OF GLASS CLEANING ROBOT**

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. Karthik H R	Budget	
		Particulars	Amount (Rs.)
Student / s	Mr. Jayakumar B	Materials/Consumables	4,000.00
	Ms. Pooja K R	Labour	500.00
	Ms. Shwetha B V	Travel	500.00
	-	Miscellaneous	500.00
Guide/s	Ms. Swapna H	Report	500.00
	-		
Department	Electrical And Electronics Engineering	Total	6,000.00
		Six Thousand Rupees Only	

The following are the guidelines to carryout the project work :

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 - 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.)

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Thanking you and with best regards,

Yours sincerely,


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Copy to:

- 1) The Head of the Department of
Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Ms. Swapna H
Department of Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_3285

Ref : Your Project Proposal entitled " **IOT BASED ELECTRIC TRICYCLE FOR PHYSICALLY DISABLED**

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. Shobhitha Sn Mr. Mohamed Atheeq Mr. Paramesha Hn Mr. Sharanappa	Budget	
		Particulars	Amount (Rs.)
Guide/s	Mr. Praveen Kumar M	Materials/Consumables	4,000.00
	-	Labour	500.00
Department	Electrical And Electronics Engineering	Travel	500.00
		Miscellaneous	500.00
		Report	500.00
		Total	6,000.00
Six Thousand Rupees Only			

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 - Title of the project
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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.)

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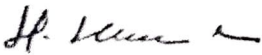
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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 2) Mr. Praveen Kumar M
Department of Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 3) The Finance Officer, KSCST, Bengaluru

End: As Above



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Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

Sub : Sanction of Student Project - 43rd Series: Year 2019-2020
Your Project Proposal Reference No. : 43S_BE_3283

Ref : Your Project Proposal entitled " **SMART WATER CONTROLLER FOR FUTURE WATER CRISES**

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. Mohith R	Budget	
		Particulars	Amount (Rs.)
	Ms. Nikitha M E	Materials/Consumables	3,000.00
	Mr. Shashank S	Labour	500.00
	Mr. Yashwanth Raju R	Travel	500.00
Guide/s	Mr. Vinod Kumar P	Miscellaneous	500.00
	Ms. Shreeshayana	Report	500.00
Department	Electrical And Electronics Engineering	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 one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
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 - Keywords

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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).

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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

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Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 2) Mr. Vinod Kumar P
Department of Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 3) The Finance Officer, KSCST, Bengaluru

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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : **43S_BE_3423**

Ref : Your Project Proposal entitled " **TREADMILL E-BIKE**

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. Shreenidhi M Mr. Mahadevaprasad C K	Budget	
		Particulars	Amount (Rs.)
Mr. Prasad M S Mr. Shashikiran	Materials/Consumables		3,000.00
	Labour		500.00
	Travel		500.00
	Miscellaneous		500.00
Guide/s	Ms. Swapna H -	Report	500.00
Department	Electrical And Electronics Engineering	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 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

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.

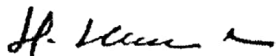
The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

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
Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 2) Ms. Swapna H
Department of Electrical And Electronics Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_0873

Ref : Your Project Proposal entitled " **AGRICULTURAL ROBOT USING IOT**

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. Saima Sadaf Mr. Syed Fazil Ahmed Ms. Ranjini D R Mr. Nithish Athreyas S R	Budget	
		Particulars	Amount (Rs.)
Guide/s	Prof. Anupama Shetter	Travel	500.00
	Prof. Prathibha M K	Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	5,000.00
Five 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.)

- 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
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Prof. Anupama Shetter
Department of Electronics And Communication Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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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,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_3184

Ref : Your Project Proposal entitled " **INTELLIGENT WHEEL CHAIR FOR HANDICAPPED PERSONS**

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. Rupesh Kumar G V	Budget		
		Particulars	Amount (Rs.)	
Student / s	Mr. Prajwal M			
	Ms. Punya M	Materials/Consumables	3,000.00	
	Mr. Yashwanth V	Labour	-	
	Guide/s	Mrs. Pavithra A C	Travel	-
Guide/s	Mr. Dr Prakash Kuravatti C	Miscellaneous	500.00	
	Department	Electronics And Communication Engineering	Report	500.00
			Total	4,000.00
Four 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.
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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.)

- 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
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Mrs. Pavithra A C
Department of Electronics And Communication Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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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,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_3180

Ref : Your Project Proposal entitled " **SOLAR OPERATED VISION CAPTURING SPY ROBOT USING RASPBERRY PI 3**

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.Supriya K Ms. Vidyashree H N Mr. Wahid Pasha Mr. Ravikumar K M	Budget	
		Particulars	Amount (Rs.)
Guide/s	Mrs. Shalini V S	Travel	-
	Mr. Prajwalsimha S N	Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	5,000.00
Five 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.)

- 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
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Mrs. Shalini V S
Department of Electronics And Communication Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_0863

Ref : Your Project Proposal entitled " **VISUAL SURVEILLANCE SYSTEM USING ARDUINO**

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. Anil Kumar B	Budget	
		Particulars	Amount (Rs.)
	Ms. Spandana N		
	Mr. Maheshchandra N M	Materials/Consumables	4,000.00
	Mr. Manoj M E	Labour	-
Guide/s	Mrs. Harshitha N	Travel	-
	Mrs. Keerthi A Kumbar	Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	5,000.00
Five 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.)

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

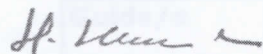
The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

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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
Electronics And Communication Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Mrs. Harshitha N
Department of Electronics And Communication Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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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,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_0860

Ref : Your Project Proposal entitled " **DESIGN AND FABRICATION OF MULCHING MACHINE**

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. Prajwal Kumar M Mr. Nithin Gowda C Mr. Rakesh R Mr. Vinay H S	Budget	
		Particulars	Amount (Rs.)
Guide/s	Prof. Harsha D N	Materials/Consumables	5,000.00
	-	Labour	500.00
Department	Mechanical Engineering	Travel	500.00
		Miscellaneous	500.00
		Report	500.00
		Total	7,000.00
Seven 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.)

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

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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
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Prof. Harsha D N
Department of Mechanical Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_0840

Ref : Your Project Proposal entitled " **DESIGN AND FABRICATION OF ORGANIC FERTILIZER MAKING MACHINE BY COMPOSTING METHOD**

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. Manoj J	Budget	
		Particulars	Amount (Rs.)
	Mr. Prajwal Pr	Materials/Consumables	3,000.00
	Mr. Punith N	Labour	-
	Mr. Krishna Prasad Bhat G	Travel	-
Guide/s	Mr. Yashwanth N	Miscellaneous	500.00
	-	Report	500.00
Department	Mechanical Engineering	Total	4,000.00
Four 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 one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
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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 :
 - Title of the project
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 - Name of the students & Guide(s)
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- 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
Mechanical Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Mr. Yashwanth N
Department of Mechanical Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



Karnataka State Council for Science and Technology

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office.kscst@iisc.ac.in

Mr. H. Hemanth Kumar
Executive Secretary

16th March, 2020

Ref: 7.1.01/SPP/953

The Principal,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_0855

Ref : Your Project Proposal entitled " **IOT BASED AIR POLLUTION MONITORING SYSTEM USING UNMANNED AERIAL VEHICLE (UAV - DRONE)**

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:

Students	Mr. Manjunath M N Mr. Ali Abbas Mr. Atith N Mr. Gopinath U	Budget	
		Particulars	Amount (Rs)
Guide/s	Mr. Karthik Kumar M	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 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.
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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:
 - Title of the project
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 - 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.)

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

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.

COULD BE USEFULL PROJECT IF COMPLETED SUCCESSFULLY.

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 email / 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. Hemant Kumar)

Copy to:

- 1) The Head of the Department of
Mechanical Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 2) Mr. Karthik Kumar M
Department of Mechanical Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.
- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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,
A.T.M.E. College of Engineering,
Mysuru - 570 028.

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 43S_BE_0859

Ref : Your Project Proposal entitled " **MULTI AXES SOLAR TRACKING SYSTEM**

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. Manoj S	Budget	
		Particulars	Amount (Rs.)
	Ms. Swetha B N		
	Mr. Madhuvadhan G	Materials/Consumables	4,000.00
	Mr. Rakshith	Labour	500.00
Guide/s	Prof. Mohanakumara K C	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 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

- 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
Mechanical Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 2) Prof. Mohanakumara K C
Department of Mechanical Engineering
A.T.M.E. College Of Engineering,
Mysuru - 570 028.

- 3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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

Phone : (0831) 2405468
Fax : (0831) 2405467
Email : registrar@vtu.ac.in
website : www.vtu.ac.in

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D
Registrar
Ref: VTU/TEQIP 3/2019/04

Date: - 7 MAY 2020

Approval Letter

Sub: COVID 19 related Innovative Ideas and Research Project approved for Financial Assistance.

Ref: Hon'ble Vice Chancellor approval dated: 30/04/2020

We are pleased to inform you that the proposal entitled "IoT based Ambu bag Compressing Machine" has been selected for the TEQIP Innovative Ideas and Research Grant. The details are as given below.

Title of the Proposal	Name of the Proposer	Maximum Amount Approved (Rs.)
IoT based Ambu bag Compressing Machine	MD. ShuaibKhan	5500

The investigators are informed to follow the enclosed guidelines. The vendor format and undertaking is to be submitted on or before 09.05.2020. Only after submission of undertaking letter the grant will be transferred to the lead institution Principal's Account.

Also it is desirable that the additional financial support need for this project could be extended by the Management and the Institute.

For any clarifications mail to teqip@vtu.ac.in


REGISTRAR

To,
The Management and Principal
ATME College of Engineering, Mysuru.

Enclosed:

1. Guidelines
2. Vendor Format
3. Undertaking Format

Copy for information to:

1. The Secretary to Hon'ble Vice Chancellor, VTU, Belagavi.
2. The PS to Registrar, VTU Belagavi.
3. The Finance Officer, VTU Belagavi.
4. The TEQIP Cell, VTU Belagavi.