

RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi

Affiliated to the Visvesvaraya Technological University, Belagavi



Criterion: 3.1.1

Academic Year: 2022



Sl. No	Particulars	Page No.
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3	List of Endowment/Project with the details of grant as reflected in the Inc & Exp. Statement	6-25

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Criterion: 3.1.1

Academic Year: 2022



3.1.1 Statement of Income and expenditure in the institution during the last years(INR in Lakhs)

Sl. No	Name of the awarding Agency	Nature of the award	Grant Received	Grant Expenditure
2021-2022				
1	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.6	0.6
2	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.6	0.6
Total Amount			1.2	1.2


Principal
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



RAJARAJESWARI COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi

Affiliated to the Visvesvaraya Technological University, Belagavi

Criterion: 3.1.1

Academic Year: 2021-2022



3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments in the institution during the last year (INR in Lakhs)

Sl. No	Name of the Project	Name of the awarding Agency	Nature of the award	Amount of grant for research	Date and Duration of the project
2021-22					
1	Bladeless Windmill	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.06	11/05/2022 and 1 Year
2	Flexural and Corrosional behaviour of concrete beams reinforced with Hybrid CFRP wrapped steel bars.	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.06	11/05/2022 and 1 Year
3	Odour Detection in Smart Toilet	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.05	11/05/2022 and 1 Year
4	Detection of Air Pollutants	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.05	11/05/2022 and 1 Year

5	Improvement in heat collection efficiency of a spiral solar water heater by using selective coating	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.1	11/05/2022 and 1Year
6	Experimental investigation of parabolic trough collector with twisted helical receiver tube	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.1	11/05/2022 and 1Year
7	Design and fabrication of automated 360 deg machine with sound wave based fire extinguisher	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.08	11/05/2022 and 1Year
8	Forest Fire and Smoke Detection to avoid air Pollution in the Forest	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.05	11/05/2022 and 1Year
9	Face Recognition System for ATM Transaction	Karnataka State Council for Science and Technology(KSCST), Govt. of Karnataka	Government	0.05	11/05/2022 and 1Year
10	Improvement in effectiveness using wavy shape absorber tubes using helical coils	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
11	Design and fabrication of automated 360 deg machine with sound wave based fire extinguisher	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year

12	Development of low cost water purification by using Nanomaterials	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
13	Study on strength properties of municipal solid waste ash in concrete	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
14	A Novel approach for a Smart Indoor Form	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
15	Women safety video surveillance autonomous security Night patrolling Robot	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
16	Optimization of Battery in Electric Vehicle	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
17	Smart Helmet	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
18	Corona Virus Detection using Machine Learning	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year

19	AI based Assistant for Un sighted,Hearing Impaired and Inarticulate	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
20	Blind Assistance Using Image Classification	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year
21	Real Time Weather Prediction using machine learning and IoT	VTU Financial Assistance for innovative projects for Final Year UG students	Government	0.05	13/07/2022 and 1 Year



Principal

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COLLEGE OF ENGINEERING

Ramohalli Cross, Bengaluru-74

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Criterion: 3.1.1

Academic Year: 2022



3.1.1 Statement of Income and expenditure in the institution during the last years (INR in Lakhs)

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Total Amount			1.2	1.2

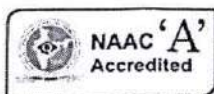

Principal
Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74



RajaRajeswari College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST



Date: 14.7.2022

Congratulations! Congratulations!! Congratulations!!!

We are happy to inform you that the following Innovative Projects are selected from the Departments and recommended for the financial assistance from Visvesvaraya Technological University (VTU), Belagavi.

Sl.No	Branch		Title of the Project	Name/Names of Student	Name of Guide	Remarks
01	Civil	01	Development of low cost water purification by using Nanomaterials	Kavya H S Anusha M Yashaswini S	Prof Gangadhar N	Recommended
		02	Study on strength properties of municipal solid waste ash in concrete	Yashas R K Vinay Kumar S Yashwanth Gowda M Vimal Sanjeev	Prof Shalini G V	Recommended
02	CSE	01	Blind assistance using Machine Learning	Mahesh Akarsh Gagan Abhishek Sachin	Dr Rajesh K.S	Recommended
		02	Real time weather and air pollution prediction using IoT and Machine Learning	Jayadeep Reddy G Jatin V Sahana K Varshini S	Dr Kirubha D	Recommended
03	ECE	01	A novel approach for a Smart Indoor Farm	Varun C Vidya C N Vishwajith V Pai Rahul Sutar Prathusha H Kumar	Dr. L Rangaiah	Recommended
		02	Women safety video surveillance Autonomous security Night Patrolling Robot	Varna V Nadiger ShreyaS Shanbhag Shashank Sakamma N S Supriya K T	Dr Gangadhar Reddy R	Recommended
04	EEE	01	Optimization of Battery in Electric Vehicle	Chetan C K Dilipkumar D Karthick G Prajwal R	Dr Ebby Darney P	Recommended
		02	Smart Helmet	Sai Gnaneshwar C P Rakshith P Somesha K Mahadevaswamy P	Prof.Udhyami M B	Recommended

Page 1 of 20

05	ISE	01	Corona virus detection using Machine Learning	Deepashree S Rannore Chandana P Maheshwari B	Dr R Balakrishna	Recommended
		02	AI based Assistant for Unsighted, Hearing Impaired and Inarticulate	Nandini R Jayashree N Nikhila S	Dr Neha Singhal	Recommended
06	Mech	01	Improvement in effectiveness using Wavy shape absorber tubes using helical coils.	Narasimha Kamalanath M Danush V Sachin Navi	Dr N Sreenivasalu Reddy	Recommended
		02	Design and Fabrication of automated 360 Degree machine with sound wave based fire extinguisher	Jayanth Kumar D Pavankumar M Akshayraj S Naik Shilpa G	Dr Vishwanath K C	Recommended

J. Amutharaj
14/7/2022

Dr.J.Amutharaj, M.E., Ph.D

Vice Principal & Professor & HoD – ISE

Co-ordinator - VTU Innovative Projects 2022

RRCE, Bangalore – 560074.

T. Chandrashekar
14/7/22

Dr.T.Chandrashekar

Principal

Principai

RAJARAJESWARI

COLLEGE OF ENGINEERING

Ramohalli Cross, Bengaluru-74

page (2) of (2)



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

Ref: 7.1.01/SPP/91

11th May, 2022

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_1689

Ref : Project Proposal entitled **FACE-RECOGNITION SYSTEM FOR ATM TRANSACTION**

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:

Student(s)	Mr. SHABARISH M AITHAL	Department	INFORMATION SCIENCE AND ENGINEERING
	Mr. PAVAN G		
	Mr. KARTHIK SREEKANTESHWAR		
Guide(s)	Ms. PRIYANKA S	Sanctioned Amount (in Rs.)	5,000.00
	Dr. J. AMUTHARAJ		

Comments / Suggestions of the Experts

Real time face detection algorithm to be explained

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
INFORMATION SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Ms. PRIYANKA S Dr. J. AMUTHARAJ
INFORMATION SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



Karnataka State Council for Science and Technology

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Mr. H. Hemanth Kumar

Executive Secretary

Ref: 7.1.01/SPP/91

11th May, 2022

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_0630

Ref : Project Proposal entitled **ODOUR DETECTION IN SMART TOILET**

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:

Student(s)	Mr. RAVI KUMAR H	Department	COMPUTER SCIENCE AND ENGINEERING
	Mr. NISHCHAL NARAYAN S		
	Mr. MANJUNATH H L		
	Mr. ROOPTEJ A		
Guide(s)	Prof. PRABAHARAN J	Sanctioned Amount (in Rs.)	5,000.00

Comments / Suggestions of the Experts

Sensor data and decision is to be explained

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 incompleted 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
COMPUTER SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Prof. PRABAHARAN J.
COMPUTER SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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Mr. H. Hemanth Kumar

Executive Secretary

11th May, 2022

Ref: 7.1.01/SPP/91

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_0706

Ref : Project Proposal entitled **DETECTION OF AIR POLLUTANTS**

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:

Student(s)	Ms. LIKITHA K.S	Department	COMPUTER SCIENCE AND ENGINEERING
	Ms. AISHWARYA S		
	Ms. CHETHANA K.R		
	Ms. GANAVID		
Guide(s)	Ms. CHAITRA S	Sanctioned Amount (in Rs.)	5,000.00

Comments / Suggestions of the Experts

Compare the data with standard web data of the area

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 incompleted 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
COMPUTER SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Ms. CHAITRA S
COMPUTER SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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Mr. H. Hemanth Kumar

Executive Secretary

Ref: 7.1.01/SPP/91

11th May, 2022

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_2256

Ref : Project Proposal entitled **IMPROVEMENT IN HEAT COLLECTION EFFICIENCY OF A SPIRAL SOLAR WATER HEATER BY USING SELECTIVE COATING**

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:

Student(s)	Mr. RANGANATH.S.R	Department	MECHANICAL ENGINEERING
	Ms. TEENU .ANAND.B		
	Mr. DINESH KUMAR.B.R		
	Mr. DHANANJAY.N		
Guide(s)	Dr. VISHWANATH.K.C	Sanctioned Amount (in Rs.)	10,000.00
	Dr. N. SREENIVASALU REDDY		

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
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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
 - Objectives (about 10 lines)

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 - 10) Scope for future work (about 20 lines).
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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. VISHWANATH.K.C Dr. N. SREENIVASALU REDDY
MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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Mr. H. Hemanth Kumar

Executive Secretary

Ref: 7.1.01/SPP/91

11th May, 2022

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_3594

Ref : Project Proposal entitled **DESIGN AND FABRICATION OF AUTOMATED 360° MACHINE WITH SOUND WAVE BASED FIRE EXTINGUISHER**

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:

Student(s)	Mr. JAYANTH KUMAR D	Department	MECHANICAL ENGINEERING
	Ms. SHILPA G		
	Mr. PAVAN KUMAR M		
	Mr. AKSHAYRAJ S NAIK		
Guide(s)	Dr. N SREENIVASALU REDDY	Sanctioned Amount (in Rs.)	8,000.00
	Dr. VISHWANTH K C		

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
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 - Name of the students & Guide(s)
 - Keywords
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 - 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).
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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The HoD
MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. N SREENIVASALU REDDY Dr. VISHWANATH K C
MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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(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,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_2843

Ref : Project Proposal entitled **EXPERIMENTAL INVESTIGATION OF PARABOLIC TROUGH COLLECTOR WITH TWISTED HELICAL RECEIVER TUBE**

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:

Student(s)	Mr. SANJAY N D	Department	MECHANICAL ENGINEERING
	Mr. PUNITH B S		
	Mr. HARSHA K P		
	Mr. NITHISH S		
Guide(s)	Dr. N SREENIVASALU REDDY	Sanctioned Amount (in Rs.)	10,000.00

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)


45S_BE_2843

- 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
MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. N SREENIVASALU REDDY
MECHANICAL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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Mr. H. Hemanth Kumar

Executive Secretary

11th May, 2022

Ref: 7.1.01/SPP/91

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_0352

Ref : Project Proposal entitled **BLADELESS WINDMILL**

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:

Student(s)	Mr. SWASTHIK S K	Department	ELECTRICAL AND ELECTRONICS ENGINEERING
	Mr. SANDEEP M L		
	Mr. ANAND GUNNAPUR		
	Mr. JAIDEV L		
Guide(s)	Ms. BHARATHI V	Sanctioned Amount (in Rs.)	6,000.00

Comments / Suggestions of the Experts

Please give exact technical specs of your wind mill with power output, integration to grid, safety,, application etc

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 incompleted 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
ELECTRICAL AND ELECTRONICS ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Ms. BHARATHI V
ELECTRICAL AND ELECTRONICS ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU



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Mr. H. Hemanth Kumar

Executive Secretary

11th May, 2022

Ref: 7.1.01/SPP/91

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_1701

Ref : Project Proposal entitled **FLEXURAL AND CORROSIONAL BEHAVIOUR OF CONCRETE BEAMS REINFORCED WITH HYBRID CFRP WRAPPED STEEL BARS**

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:

Student(s)	Mr. SURESHKUMAR B	Department	CIVIL ENGINEERING
	Mr. ARAVIND GOWDA C		
	Ms. HEMASHREE R		
	Ms. BHOOMIKA V ADAGI		
Guide(s)	Ms. SHALINI G V	Sanctioned Amount (in Rs.)	6,000.00

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 incompleted 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
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Ms. SHALINI G V
CIVIL ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU

- 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)
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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)

Copy to:

- 1) The HoD
INFORMATION SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. J AMUTHARAJ
INFORMATION SCIENCE AND ENGINEERING
RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER
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Mr. H. Hemanth Kumar

Executive Secretary

Ref: 7.1.01/SPP/91

11th May, 2022

The Principal,
Rajarajeshwari College of Engineering,
#14, Ramohalli Cross,
Kumbalgodu,
Mysuru Road,
Bengaluru - 560 074.

Dear Sir/Madam,

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

Project Proposal Reference No. : 45S_BE_2417

Ref : Project Proposal entitled **FOREST FIRE AND SMOKE DETECTION TO AVOID AIR POLLUTION IN THE FOREST**

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:

Student(s)	Ms. DIVYA V	Department	INFORMATION SCIENCE AND ENGINEERING
	Ms. HARSHITHA M		
	Ms. CHANDANA B P		
Guide(s)	Dr. J AMUTHARAJ	Sanctioned Amount (in Rs.)	5,000.00

Comments / Suggestions of the Experts

Instead of CCTV(damaged by fire) satellite image can be used !

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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 - Title of the project
 - Name of the College & Department