



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

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

CRITERIA - 3.1.1

AY 2022-23

3.1.1. Statement of income and expenditure in the institution during the year 2022-23 (INR in Lakhs)

SI No.	Name of the Awarding Agency	Nature of the Award	Grant Received	Grant Expenditure
		2022-23		
1	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.425	0.425
	Total Amount		0.425	0.425

Principal RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-77





(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi) Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

CRITERIA – 3.1.1

AY 2022-23

3.1.1. Grants received from Government and non-Government agencies for research projects, endowments in the institution during the year 2022-23 (INR in Lakhs)

SI 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
1	An efficient virtual dressing room of augmentation reality	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.035	24/04/23, 1 Year
2	Enhanced LSB replacement Algorithm in Apatial Domain of Steganography	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.04	24/04/23, 1 Year
3	Implementation of AES-256 Using FPGA	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.05	24/04/23, 1 Year
4	UAV for Ambulance Escort	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.06	24/04/23, 1 Year
5	Thumb Start EV	Karnataka State Council for Science and Technology	Government	0.06	24/04/23, 1 Year

Website JARAJESWAR!





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CRITERIA - 3.1.1

AY 2022-23

		(KSCST), Govt.			
6	Maximized Production of Hot Water Using Novel Absorber Tubes of Flat Plate Collector	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.06	24/04/23, 1 Year
7	Real-Time Anomaly Detection Using Video Surveillance System for Enhancing System	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.04	24/04/23, 1 Year
8	Improvement of Legitimate Mail Server Detection Method Using Sender Authentication	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.04	24/04/23, 1 Year
9	The Implementation and Detection of Keyloggers in a System	Karnataka State Council for Science and Technology (KSCST), Govt. of Karnataka	Government	0.04	24/04/23, 1 Year

Principal
RAJARAJESWAR!
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

Campus: #14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru – 560074

(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

Dr. U T Vijay **Executive Secretary**

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_1970

Ref : Project Proposal entitled

AN EFFICIENT VIRTUAL DRESSING ROOM OF AUGMENTATION

REALITY

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. ADARSH MURTHY T M		roject details are as below:
	Mr. AJAY M S	Department	COMPUTER SCIENCE AND
	Mr. GOUTHAM M		ENGINEERING
	Mr. GOVARDHAN G P	Sanctioned	
Guide(s)	Mr. SASHIDHAR V	Amount	3,500.00
		(in Rs.)	3,500.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - Name of the College & Department
 - 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)

Principal RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-7/

(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

Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_1651

Ref: Project Proposal entitled **ENHANCED LSB REPLACEMENT ALGORITHM IN APATIAL DOMAIN**

OF STEGANOGRAPHY

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. AVINAASI L J		
	Ms. CHAITANYA MAHAPRABHU S M	Department	COMPUTER SCIENCE AND ENGINEERING
	Ms. FARHEEN TAJ	1	ENGINEERING
	Ms. ARSHIYA NAZNEEN	Sanctioned	
Guide(s)	Dr. KAMAL RAJ T	Amount	4,000.00
		(in Rs.)	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)

RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-74



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Indian Institute of Science Campus, Bengaluru – 560 012
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Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.emet.in, www.kscst.org.in

Dr. U T Vijay Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_4171

Ref: Project Proposal entitled IMPLEMENTATION OF AES-256 USING FPGA

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. TRIKALESHWAR S		Project details die as below:
	Ms. SWETHA S	Department	ELECTRONICS AND
	Mr. TEJAS I TELKA	•	COMMUNICATION ENGINEERING
	Mr. THAKSHITH B K	Sanctioned	
Guide(s)	Dr. VIJAYA S M	Amount	5,000.00
		(in Rs.)	1,555.00

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

46S_BE_4171

- 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 studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(U T Vijay)

Copy to:

- 1) The HoD **ELECTRONICS AND COMMUNICATION ENGINEERING** RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. VIJAYA S M **ELECTRONICS AND COMMUNICATION ENGINEERING** RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU

RAJARAJESWARI COLLEGE OF ENGINEERING Camohalli Cross, Bengaluru-74



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Dr. U T Vijay Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_0777

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. SREE HARI K		
	Ms. AKSHATHA D A	Department	ELECTRICAL AND ELECTRONICS ENGINEERING
	Ms. NIVEDHA D		ENGINEERING
	Ms. SUVARNA P U	Sanctioned	
Guide(s)	Dr. P EBBY DARNEY	Amount	6,000.00
		(in Rs.)	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)



46S_BE 0777

- 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 studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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

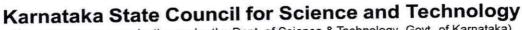
Thanking you and with best regards,

Yours sincerely,

(U T Vijay)

- The HoD
 ELECTRICAL AND ELECTRONICS ENGINEERING
 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. P EBBY DARNEY ELECTRICAL AND ELECTRONICS ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- THE ACCOUNTS OFFICER KSCST, BENGALURU





KSCST

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Dr. U T Vijay Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_4352

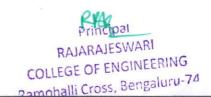
Ref: Project Proposal entitled THUMB START EV

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. NEHA RAJ V G		ELECTRICAL AND ELECTRONICS
	Mr. SANJAY YADAV N	Department	ENGINEERING
	Ms. BHOOMIKA J		
	Mr. VENUGOPAL C	Sanctioned	
Guide(s)	Mrs. PRUTHA G	Amount	6,000.00
		(in Rs.)	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
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 - 3) 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.
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- 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.
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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,

(U T Vijay)

- The HoD
 ELECTRICAL AND ELECTRONICS ENGINEERING
 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Mrs. PRUTHA G ELECTRICAL AND ELECTRONICS ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU





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Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_1160

Ref: Project Proposal entitled

REAL-TIME ANOMALY DETECTION USING VIDEO SURVEILLANCE

SYSTEM FOR ENHANCING SECURITY

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. DHAWALASHREE B K		
	Ms. ARPITHA G	Department	INFORMATION SCIENCE AND
	Mr. SHREYAS M		ENGINEERING
	Mr. VISHRANTH K H	Sanctioned	
Guide(s)	Dr. J AMUTHARAJ	Amount	4,000.00
		(in Rs.)	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
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 - 2) Title of the project
 - 3) Name of the College & Department
 - 4) Name of the students & Guide(s)
 - Keywords
 - 6) Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines
 - 7) Objectives (about 10 lines)

RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-74

- 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.
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- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(UT Vijav)

- 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
- THE ACCOUNTS OFFICER KSCST, BENGALURU





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Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_3447

Ref: Project Proposal entitled

IMPROVEMENT OF LEGITIMATE MAIL SERVER DETECTION

METHOD USING SENDER AUTHENTICATION

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. PRAJWAL H S		INFORMATION SCIENCE AND ENGINEERING
	Mr. PRAJWAL H M	Department	
	Mr. SACHIN R M		
	Mr. SRINIVAS K	Sanctioned	
Guide(s)	Mrs. RATHIDEVI T	Amount	4,000.00
		(in Rs.)	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
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 - 2) Title of the project
 - 3) Name of the College & Department
 - 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)



46S_BE_3447

- 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.
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- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(U T Vijay)

- 1) The HoD INFORMATION SCIENCE AND ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Mrs. RATHIDEVI T INFORMATION SCIENCE AND ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU





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Dr. U T Vijay **Executive Secretary**

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_0899

Ref: Project Proposal entitled

THE IMPLEMENTATION AND DETECTION OF KEYLOGGERS IN A

SYSTEM

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. POORNIMA R		
	Ms. BHAVANA N	Department	INFORMATION SCIENCE AND
	Mr. SACHIN M RATHOD		ENGINEERING
		Sanctioned	
Guide(s)	Mrs. PAVITHRA N	Amount	4,000.00
		(in Rs.)	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)

RAJARAJESWARI

COLLEGE OF ENGINEERING

namohalli Cross, Bergeluru-74

- 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 studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(U T Vijay)

- 1) The HoD
 INFORMATION SCIENCE AND ENGINEERING
 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Mrs. PAVITHRA N INFORMATION SCIENCE AND ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- THE ACCOUNTS OFFICER KSCST, BENGALURU



(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

Dr. U T Vijay **Executive Secretary**

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub : Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_1970

Ref : Project Proposal entitled

AN EFFICIENT VIRTUAL DRESSING ROOM OF AUGMENTATION

REALITY

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. ADARSH MURTHY T M		roject details are as below:
	Mr. AJAY M S	Department	COMPUTER SCIENCE AND
	Mr. GOUTHAM M		ENGINEERING
	Mr. GOVARDHAN G P	Sanctioned	
Guide(s)	Mr. SASHIDHAR V	Amount	3,500.00
		(in Rs.)	3,500.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - Name of the College & Department
 - 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)

Principal RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-7/

(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

Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_1651

Ref: Project Proposal entitled **ENHANCED LSB REPLACEMENT ALGORITHM IN APATIAL DOMAIN**

OF STEGANOGRAPHY

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. AVINAASI L J			
	Ms. CHAITANYA MAHAPRABHU S M	Department	COMPUTER SCIENCE AND ENGINEERING	
	Ms. FARHEEN TAJ	1	ENGINEERING	
	Ms. ARSHIYA NAZNEEN	Sanctioned		
Guide(s)	Dr. KAMAL RAJ T	Amount	4,000.00	
		(in Rs.)		

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)

RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-74



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Indian Institute of Science Campus, Bengaluru – 560 012
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Email: office.kscst@iisc.ac.in, office@kscst.org.in • Website: www.kscst.iisc.emet.in, www.kscst.org.in

Dr. U T Vijay Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_4171

Ref: Project Proposal entitled IMPLEMENTATION OF AES-256 USING FPGA

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. TRIKALESHWAR S		The special control of the dispersion.	
	Ms. SWETHA S Mr. TEJAS I TELKA	Department	ELECTRONICS AND	
		•	COMMUNICATION ENGINEERIN	
Guide(s)	Mr. THAKSHITH B K	Sanctioned		
	Dr. VIJAYA S M	Amount	5,000.00	
		(in Rs.)	1,555.00	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)

Principal
RAJARAJESWARI
COLLEGE OF ENGINEERING
Ramohalli Cross, Bengaluru-74

46S_BE_4171

- 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 studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(U T Vijay)

Copy to:

- 1) The HoD **ELECTRONICS AND COMMUNICATION ENGINEERING** RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. VIJAYA S M **ELECTRONICS AND COMMUNICATION ENGINEERING** RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU

RAJARAJESWARI COLLEGE OF ENGINEERING Camohalli Cross, Bengaluru-74



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Dr. U T Vijay Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_0777

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. SREE HARI K			
	Ms. AKSHATHA D A	Department	ELECTRICAL AND ELECTRONICS	
	Ms. NIVEDHA D		ENGINEERING	
	Ms. SUVARNA P U	Sanctioned		
Guide(s)	Dr. P EBBY DARNEY	Amount	6,000.00	
		(in Rs.)		

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)



46S_BE_0777

- 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).
- 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 studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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

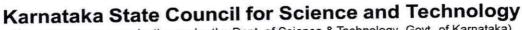
Thanking you and with best regards,

Yours sincerely,

(U T Vijay)

- The HoD
 ELECTRICAL AND ELECTRONICS ENGINEERING
 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. P EBBY DARNEY ELECTRICAL AND ELECTRONICS ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- THE ACCOUNTS OFFICER KSCST, BENGALURU





KSCST

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

Dr. U T Vijay Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_4352

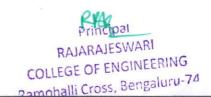
Ref: Project Proposal entitled THUMB START EV

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. NEHA RAJ V G		ELECTRICAL AND ELECTRONICS	
	Mr. SANJAY YADAV N	Department	ENGINEERING	
	Ms. BHOOMIKA J			
	Mr. VENUGOPAL C	Sanctioned		
Guide(s)	Mrs. PRUTHA G	Amount	6,000.00	
		(in Rs.)		

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
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- c) Please quote your project reference number printed above in all your future correspondences.
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 - 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)
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- h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(U T Vijay)

- The HoD
 ELECTRICAL AND ELECTRONICS ENGINEERING
 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- Mrs. PRUTHA G ELECTRICAL AND ELECTRONICS ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU





(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@lisc.ac.in, office@kscst.org.in + Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. U T Vijay **Executive Secretary**

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_1256

Ref : Project Proposal entitled

MAXIMIZED PRODUCTION OF HOT WATER USING NOVEL

ABORBER TUBES OF FALT PLATE COLLECTOR

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. ARPAN KARMAKAR T				
	Mr. KISHAN H	Department	MECHANICAL ENGINEERING		
	Ms. VAISHNAVI N	7			
	Mr. MOHIN KHAN	Sanctioned			
Guide(s)	Dr. N SHREENIVASALU REDDY	Amount	6,000.00		
	Mr. VISHVANATH K C	(in Rs.)	,		

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)

COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-74

- 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.
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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,

(U T Vijay)

Copy to:

- 1) The HoD

 MECHANICAL ENGINEERING

 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Dr. N SHREENIVASALU REDDY Mr. VISHVANATH K C
 MECHANICAL ENGINEERING
 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU

RAJAMALENVARIANG RAMONEERING Ramohalli Cross, Bengaluru-74



(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

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Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_1160

Ref: Project Proposal entitled

REAL-TIME ANOMALY DETECTION USING VIDEO SURVEILLANCE

SYSTEM FOR ENHANCING SECURITY

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. DHAWALASHREE B K			
	Ms. ARPITHA G	Department	INFORMATION SCIENCE AND	
	Mr. SHREYAS M		ENGINEERING	
	Mr. VISHRANTH K H	Sanctioned		
Guide(s)	Dr. J AMUTHARAJ	Amount	4,000.00	
		(in Rs.)		

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
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 - 3) Name of the College & Department
 - 4) Name of the students & Guide(s)
 - Keywords
 - 6) Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines
 - 7) Objectives (about 10 lines)

RAJARAJESWARI COLLEGE OF ENGINEERING Ramohalli Cross, Bengaluru-74

- 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)
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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,

(UT Vijav)

- 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
- THE ACCOUNTS OFFICER KSCST, BENGALURU





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Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_3447

Ref: Project Proposal entitled

IMPROVEMENT OF LEGITIMATE MAIL SERVER DETECTION

METHOD USING SENDER AUTHENTICATION

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Mr. PRAJWAL H S			
	Mr. PRAJWAL H M Department		INFORMATION SCIENCE AND	
	Mr. SACHIN R M		ENGINEERING	
	Mr. SRINIVAS K	Sanctioned		
Guide(s)	Mrs. RATHIDEVI T	Amount	4,000.00	
		(in Rs.)		

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
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 - 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)



46S_BE_3447

- 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 studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(U T Vijay)

- 1) The HoD INFORMATION SCIENCE AND ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Mrs. RATHIDEVI T INFORMATION SCIENCE AND ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 3) THE ACCOUNTS OFFICER KSCST, BENGALURU





(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

Dr. U T Vijay **Executive Secretary**

Ref: 7.1.01/SPP/33

24th April, 2023

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

Dear Sir/Madam,

Sub: Sanction of Student Project - 46th Series: Year 2022-2023

Project Proposal Reference No.: 46S_BE_0899

Ref: Project Proposal entitled

THE IMPLEMENTATION AND DETECTION OF KEYLOGGERS IN A

SYSTEM

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 46th Series". The project details are as below:

Student(s)	Ms. POORNIMA R			
	Ms. BHAVANA N	Department	INFORMATION SCIENCE AND	
	Mr. SACHIN M RATHOD		ENGINEERING	
		Sanctioned		
Guide(s)	Mrs. PAVITHRA N	Amount	4,000.00	
		(in Rs.)		

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
- b) 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.
- c) Please quote your project reference number printed above in all your future correspondences.
- d) 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/nWTaJjvrwzp3Wmvt6. The synopsis should include following:
 - 1) Project Reference Number
 - 2) Title of the project
 - 3) 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)

RAJARAJESWARI

COLLEGE OF ENGINEERING

namohalli Cross, Bergeluru-74

- 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 studetn(s) shall be uploaded in the following Google Forms Link https://forms.gle/YWz56TrGg7fnSQgc7. 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,

(U T Vijay)

- 1) The HoD
 INFORMATION SCIENCE AND ENGINEERING
 RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- 2) Mrs. PAVITHRA N INFORMATION SCIENCE AND ENGINEERING RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU
- THE ACCOUNTS OFFICER KSCST, BENGALURU





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

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST









FORM GFR 19-A

UTILIZATION CERTIFICATE

KSCST: STUDENT PROJECT PROGRAMME - 46th SERIES

(To be printed on college letterhead)

SI. <u>No.</u>	<u>Letter No. and date</u>	Amount (Rs.)	Certified that KSCST has provided partial financial support of Rs. 42,500.00 towards Student Project Programme - 46th Series
1	7.1.01/SPP/33 Date:24-04-2023	42,500.00	A sum of Rs 42,500.00 only has been utilized for the purpose of Student Project Programme for which it was sanctioned.

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book

02. Vouchers

SI No	Project Proposal Ref. No.	Title of the Project	Department/ Guide	Amount Sanctioned by KSCST	Amount Utilized by the College	Balance if any to be refunded to KSCST
1.	46S_BE_1651	ENHANCED LSB REPLACEMENT ALGORITHM IN APATIAL DOMAIN OF STEGANOGRAPHY	COMPUTER SCIENCE AND ENGINEERING / Dr. KAMAL RAJ T	4,000.00	4,000.00	

Professor & Head, Computer Science of Engineering
UNARAJESWARI COLLEGE OF ENGINEERING
BENGALURU - 560 074.

P**VV**ENSI AJARAJESWARI

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2.	46S_BE_1970	AN EFFICIENT VIRTUAL DRESSING ROOM OF AUGMENTATION REALITY	SCIENCE AND	3,500.00	3,500.00	
3.	46S_BE_0777	UAV FOR AMBULANCE ESCORT	ELECTRICAL AND ELECTRONICS ENGINEERING/ Dr. P EBBY DARNEY	6,000.00	6,000.00	
4.	46S_BE_4352	THUMB START EV	ELECTRICAL AND ELECTRONICS ENGINEERING/ Mrs. PRUTHA G	6,000.00	6,000.00	
5.	46S_BE_4171	MPLEMENTATION OF AES-256 USING FPGA	ELECTRONICS AND COMMUNICATION ENGINEERING /Dr. VIJAYA S M	5,000.00	5,000.00	
6.	46S_BE_0899	THE IMPLEMENTATION AND DETECTION OF KEYLOGGERS IN A SYSTEM	INFORMATION SCIENCE AND ENGINEERING/Mrs. PAVITHRA N	4,000.00	4,000.00	
7.	46S_BE_1160	REAL-TIME ANOMALY DETECTION USING VIDEO SURVEILLANCE SYSTEM FOR ENHANCING SECURITY	INFORMATION SCIENCE AND ENGINEERING/ Dr. J AMUTHA RAJ	4,000.00	4,000.00	
I	AJARAJESWARI COLL BENGALURI	ISNSCERCE of Engineering SE OF ENGINEERING	RAJARAJESWARI OLLEGE OF ENGINEERIN	4.		

BENGALURU - 560 074.

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8.	46S_BE_3447	IMPROVEMENT OF LEGITIMATE MAIL SERVER DETECTION METHOD USING SENDER AUTHENTICATION	INFORMATION SCIENCE AND ENGINEERING Mrs. RATHIDEVI T	4,000.00	4,000.00	
9.	46S_BE_1256	MAXIMIZED PRODUCTION OF HOT WATER USING NOVEL ABORBER TUBES OF FALT PLATE COLLECTOR	N SHREENIVASALU	6,000.00	6,000.00	

Principal

Signature of the Principal COLLEGE with ESea NEERING

Ramohalli Cross, Bengaluru-74

Date: 06-10-2023

Place: Bengaluru

Signature of the Finance / Accounts Officer with Seal

ACCOUNTS OFFICER RUJARAJESWARI COLLEGE OF ENGINEERING.

Bengaluru

RAJARAJESWARI

COLLEGE OF ENGINEERING

Page of Engineering Ramohalli Cross, Bengaluru-74



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UTILISATION CERTIFICATE

(To be printed on college letterhead)

KSCST: STUDENT PROJECT PROGRAMME - 46th SERIES

Date: 06.10.2023

This is to certify that RAJARAJESWARI COLLEGE OF ENGINEERING having its office / institution at Ramohalli Cross, kumbalgodu, Mysore Road, bengaluru-560074 Karnataka has been granted a sum of Rs. 42,500.00 (Forty Two Thousand and Five Hundred) has been credited vide NEFT: Dr-P132230240892095 (Transaction Id) dated 12-05-2023 to ICICI Bank . Account No. 263701000032 from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. 7.1.03/SPP/33 dated 24-04-2023 towards 46th Series Student Project Programme (SPP) - 1) Project reference No. 46S_BE_1651 2) Project reference No. 46S_BE_1970 3) Project reference No. 46S_BE_0777 4) Project reference No. 46S_BE_4352 5) Project reference No. 46S_BE_4171 6) Project reference Nos. 46S_BE_0899 7) Project reference No 46S_BE_1160 8) Project reference No 46S_BE_3447 9) Project reference No 46S_BE_1256

The college has incurred the expenditure of Rs 42,500.00 (Forty Two Thousand and Five Hundred) towards the said project/s.

All the expenditure voucher / invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid

Protessor & Head, Computer Science of Engineering RAJARAJESWARI COLLEGE OF ENGINEERING BENGALURU - 500 074.

