SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



3.1.1 Grants received from Government and non-governmental agencies for research projects endowments in the institution during the academic year 2022-23.

SI. No.	Name of the research project/ endowment	Name of the Principal Investigator/Co -investigator	Department of Principal Investigator	Duration of the project	Amount Sanctioned (INR in Lakhs)
1	Design and Development of Negative Pressure Wound Therapy Device	Mr.Shrvan Venkatesh K, Mrs.Akshatha Rao L	Electronics & Communication Engineering	1 year	0.06
2	Robot Assistance for rhe Visually Impaired	Mr.Chetan R	Electronics & Communication Engineering	1 year	0.06
3	Design And Development Of Leaf Plate Molding Machine For Producing Biodegradable Plates From Waste Leaves (46s_Be_3790)	Dr. Sudarshan Rao K	Mechanical Engineering	1 year	0.08
4	Performance analysis of concentrating type solar cooker with pcm storage for late evening cooking	Mr. Ananthesh Rao K	Mechanical Engineering	1 year	0.08
5	Feasibility of cementless interlock blocks as a green pavement systems: futuristic sustainable construction practices	Mr. Sunil haldankar	Civil Engineering	1 year	0.05
6	Construction of compound wall using demolision waste	Mr. Roshan S Kotian	Civil Engineering	1 year	0.05
7	Spatial Distribution Of Iron Content In The Aquifers Using Gis Interpolation And Treatment Using Low Cost Filter Media: A Case Study In Udupi Taluk	Dr. Deepika B V	Civil Engineering	1 year	0.05
8	Evaluation Of Performance And Energy Saving Potential Of Earth Air Tunnel System Inside The Building As Sustainable Alternative	Mr. Madhusoodhana Rao N & Mr. Roshan S Kotian	Civil Engineering	1 year	0.05
9	Smart Vision for visually challenged people using machine learning algorithms	Ms. Soundarya R	Computer Science Engineering	1 year	0.03
10	ECG based heart abnormality detection and myocardial infarction prediction	Ms. Savitha Shenoy	Computer Science Engineering	1 year	0.035

Principal

SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMEN
Vishwothama Nagar, Udupi Dist.

BANTAKAL - 574 115

(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

The Principal, Shri Madhwa Vadiraja Institute of Technology and Management, Vishwothama Nagar, Bantakal, Udupi - 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_2108

Ref: Project Proposal entitled

DESIGN AND DEVELOPMENT OF NEGATIVE PRESSURE WOUND

THERAPY DEVICE

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. RAKSHITHA R NAYAK	Department	ELECTRONICS AND COMMUNICATION ENGINEERING
	Mr. KARTHIK N		
	Ms. HRISHIKA		
	Mr. ARUN J K	Sanctioned Amount (in Rs.)	6,000.00
Guide(s)	Mr. SHRVAN VENKATESH K		
	Mrs. AKSHATHA RAO L		

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 SHRI MADHWA VADIRAJA JINSTITUTE OF TECHNOLOGY & MANAGEMENT

46S BE 2108

- 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
SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

2) Mr. SHRVAN VENKATESH K Mrs. AKSHATHA RAO L
ELECTRONICS AND COMMUNICATION ENGINEERING
SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

 THE ACCOUNTS OFFICER KSCST, BENGALURU

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL – 574,115

KSCST

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Dr. U T Vijay

Executive Secretary

24th April, 2023

Ref: 7.1.01/SPP/33

The Principal,
Shri Madhwa Vadiraja
Institute of Technology and Management,
Vishwothama Nagar, Bantakal,
Udupi – 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_3021

Ref : Project Proposal entitled ROBOT ASSISTANCE FOR THE VISUALLY IMPAIRED

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. SHREYA UDUPA S		ELECTRONICS AND
	Ms. SNEHA J S	Department	
	Ms. TULASI D J		COMMUNICATION ENGINEERING
	Mr. YASHWANTH NAIK	Sanctioned	32 1879
Guide(s)	Mr. CHETAN R	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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 - 4) Name of the students & Guide(s)
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Principal
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GARGARY & SANGER

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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:

- The HoD
 ELECTRONICS AND COMMUNICATION ENGINEERING
 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- 2) Mr. CHETAN R ELECTRONICS AND COMMUNICATION ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- THE ACCOUNTS OFFICER KSCST, BENGALURU

Frinsipal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMEN
Vishwothama Nagar, Udupi Dist.
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Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

The Principal,
Shri Madhwa Vadiraja
Institute of Technology and Management,
Vishwothama Nagar, Bantakal,
Udupi – 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_3790

Ref: Project Proposal entitled DESIGN AND DEVELOPMENT OF LEAF PLATE MOLDING MACHINE FOR

PRODUCING BIODEGRADABLE PLATES FROM WASTE LEAVES.

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. SHESHAGIRI PAI		
	Mr. PRATHIK AMBALPADY	Department	MECHANICAL ENGINEERING
	Mr. CHANDAN NELLI M K		
	Mr. PRATHVIRAJ	Sanctioned	
Guide(s)	Dr. SUDARSHAN RAO K	Amount	8,000.00
	and the second of the second o	(in Rs.)	

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
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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)

SHRIBADIRVA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vibitwothema Negan, Udupi Diot.

46S BE 3790

- 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,

(U T Vijay)

Copy to:

- The HoD
 MECHANICAL ENGINEERING
 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- 2) Dr. SUDARSHAN RAO K MECHANICAL ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- THE ACCOUNTS OFFICER KSCST, BENGALURU

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMEN Vishwothama Nagar, Udupi Dist.

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Dr. U T VijayExecutive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

The Principal,
Shri Madhwa Vadiraja
Institute of Technology and Management,
Vishwothama Nagar, Bantakal,
Udupi – 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_3311

Ref : Project Proposal entitled PERFORMANCE ANALYSIS OF CONCENTRATING TYPE SOLAR COOKER

WITH PCM STORAGE FOR LATE EVENING COOKING

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. RATHAN PATKAR		
	Mr. SHABARISH R POOJARY	Department	MECHANICAL ENGINEERING
	Mr. SUDEEP DHONDYA		
	Mr. VIGHNESH UDUPA	Sanctioned	
Guide(s)	Mr. ANANTHESH RAO K	Amount	8,000.00
		(in Rs.)	

Instructions:

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Frincipal
SHRI MADHWA VADIRAJA
IMSTITUTE OF TECHNOLOGY & MANAGEMENT
Violwothoma Nagar, Udupi Dist.

46S BE 3311

- 8) Methodology (about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
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Thanking you and with best regards,

Yours sincerely,

(U T Vijay)

Copy to:

- 1) The HoD

 MECHANICAL ENGINEERING

 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- 2) Mr. ANANTHESH RAO K MECHANICAL ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

 THE ACCOUNTS OFFICER KSCST, BENGALURU

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMEN*
Vishwothama Nagar, Udupi Dist.
BANTAKAL -574 115

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka) Indian Institute of Science Campus, Bengaluru - 560 012

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Dr. U T Vijay

(SCST

Executive Secretary

24th April, 2023

Ref: 7.1.01/SPP/33

The Principal, Shri Madhwa Vadiraja Institute of Technology and Management, Vishwothama Nagar, Bantakal, Udupi - 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No. :

46S_BE_0351

Ref: Project Proposal entitled

FEASIBILITY OF CEMENTLESS INTERLOCK BLOCKS AS A GREEN

PAVEMENT SYSTEMS: FUTURISTIC SUSTAINABLE CONSTRUCTION

PRACTICES

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. SANDARSH R ACHARYA		
	Ms. CHAITHRA RAMANNAVAR	Department	CIVIL ENGINEERING
	Mr. CHANDAN K R		
		Sanctioned	
Guide(s)	Mr. SUNIL HALDANKAR	Amount	5,000.00
	-	(in Rs.)	t vi komitku sina rizati

Instructions:

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Principal SHRI MADHWA YADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist.

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Thanking you and with best regards,

Yours sincerely,

(U T Vijay)

Copy to:

The HoD
 CIVIL ENGINEERING
 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

2) Mr. SUNIL HALDANKAR CIVIL ENGINEERING
SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

 THE ACCOUNTS OFFICER KSCST, BENGALURU

Frincipal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
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Dr. U T VijayExecutive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

The Principal,
Shri Madhwa Vadiraja
Institute of Technology and Management,
Vishwothama Nagar, Bantakal,
Udupi – 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No. : 46S_BE_0488

Ref : Project Proposal entitled CONSTRUCTION OF COMPOUND WALL USING DEMOLISION WASTE

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. RENUKA M B		
	Ms. SHRIHARSHA KULAKARNI	Department	CIVIL ENGINEERING
	Mr. AKHILESH ACHAR		
		Sanctioned	
Guide(s)	Prof. ROSHAN S KOTIAN	Amount	5,000.00
		(in Rs.)	

Instructions:

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Principat
SHRI MADHWA VADIRAIA
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Violen of Inchiology & Judicy Dist

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Yours sincerely,

(U T Vijay)

Copy to:

The HoD
 CIVIL ENGINEERING
 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

2) Prof. ROSHAN S KOTIAN CIVIL ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

 THE ACCOUNTS OFFICER KSCST, BENGALURU

Principal
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Dr. U T VijayExecutive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

The Principal,
Shri Madhwa Vadiraja
Institute of Technology and Management,
Vishwothama Nagar, Bantakal,
Udupi – 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_0287

Ref: Project Proposal entitled

SPATIAL DISTRIBUTION OF IRON CONTENT IN THE AQUIFERS

USING GIS INTERPOLATION AND TREATMENT USING LOW COST

FILTER MEDIA: A CASE STUDY IN UDUPI TALUK

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. PRIYANKA DSOUZA		
	Mr. ADARSH	Department	CIVIL ENGINEERING
	Mr. ADITHYA KRISHNA BHAT		
		Sanctioned	
Guide(s)	Dr. DEEPIKA B V	Amount	5,000.00
9		(in Rs.)	SWARTARA TO WOR

Instructions:

- a) The project should be performed based on the objectives of the proposal submitted.
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- 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)
 - Keywords
 - 6) Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines
 - 7) Objectives (about 10 lines)

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nager Udupi Dist.

- 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

CIVIL ENGINEERING

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

- 2) Dr. DEEPIKA B V CIVIL ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- THE ACCOUNTS OFFICER KSCST, BENGALURU

Principal
SHRI MADHWA VADIRA IA
INSTITUTEOF TECHNOLOGY & MANAGEM "IX
Viehweihama Nagar Udepi Dist

(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**

24th April, 2023

Ref: 7.1.01/SPP/33

The Principal, Shri Madhwa Vadiraja Institute of Technology and Management, Vishwothama Nagar, Bantakal, Udupi - 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_0328

Ref: Project Proposal entitled

EVALUATION OF PERFORMANCE AND ENERGY SAVING POTENTIAL

OF EARTH AIR TUNNEL SYSTEM INSIDE THE BUILDING AS

SUSTAINABLE ALTERNATIVE

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. SINCHANA		
	Mr. VINUTH C S	Department	CIVIL ENGINEERING
	Mr. VYBHAV S KOTIAN		
		Sanctioned	
Guide(s)	Prof. MADHUSOODHANA RAO N	Amount	5,000.00
	Prof. ROSHAN S KOTIAN	(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)
 - 5) Keywords
 - Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines 000
 - 7) Objectives (about 10 lines)

SHRI MADRIMA VABIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT Vishwothama Nagar, Udupi Dist. BANTAKAL-574 115

46S BE 0328

- 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
 CIVIL ENGINEERING
 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- 2) Prof. MADHUSOODHANA RAO Prof. ROSHAN S KOTIAN CIVIL ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

 THE ACCOUNTS OFFICER KSCST, BENGALURU

SHRI MADHWA VADIRAIA

RISTITUTE OF TEGINOLOGY & MANAGEMEN
Vishviolitama Nagar, Udupi Diet.

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)
Indian Institute of Science Campus, Bengaluru – 560 012

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Dr. U T Vijay

Executive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

The Principal,
Shri Madhwa Vadiraja
Institute of Technology and Management,
Vishwothama Nagar, Bantakal,
Udupi – 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_3497

Ref : Project Proposal entitled SMART VISION FOR VISUALLY CHALLENGED PEOPLE USING

MACHINE LEARNING ALGORITHMS

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. B T ANVIT	Department	COMPUTER SCIENCE AND ENGINEERING
	Ms. ANJALI		
	Ms. ANUSHA		
	Ms. AYESHA SADIYA	Sanctioned	
Guide(s)	Mrs. R.SOUNDHARYA	Amount	3,000.00
		(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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 - 5) Keywords
 - 6) Introduction / background (with specific reference to the project, work done earlier, etc) about 20 lines
 - 7) Objectives (about 10 lines)

Principal
SHIM MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MAHAGEMENT
Vishwofhama Nagar, Udupi Diak

- 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)

Copy to:

- The HoD
 COMPUTER SCIENCE AND ENGINEERING
 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- 2) Mrs. R.SOUNDHARYA COMPUTER SCIENCE AND ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

 THE ACCOUNTS OFFICER KSCST, BENGALURU

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

BOOP

(An autonomous organisation under the Dept. of Science & Technology, Govt. of Karnataka)
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.ernet.in, www.kscst.org.in

Dr. U T VijayExecutive Secretary

Ref: 7.1.01/SPP/33

24th April, 2023

The Principal,
Shri Madhwa Vadiraja
Institute of Technology and Management,
Vishwothama Nagar, Bantakal,
Udupi – 574 115.

Dear Sir/Madam,

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

Project Proposal Reference No.: 46S_BE_1359

Ref : Project Proposal entitled ECG BASED HEART ABNORMALITY DETECTION AND MYOCARDIAL

INFARCTION PREDICTION

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. SHREERAKSHA		
	Ms. SHRUTHA V BHAT	Department	COMPUTER SCIENCE AND
	Mr. THEJAS S S		ENGINEERING
	Mr. VIKRAM GIRISH THUNGA	Sanctioned	
Guide(s)	Mrs. SAVITHA A SHENOY	Amount	3,500.00
	Telleda estas als 12 - 116 - 1 co	(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)

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMEN*
Vishwothama Nagar, Udupi Dist.

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- 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,

(U T Vijay)

Copy to:

- 1) The HoD
 COMPUTER SCIENCE AND ENGINEERING
 SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI
- 2) Mrs. SAVITHA A SHENOY COMPUTER SCIENCE AND ENGINEERING SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI

 THE ACCOUNTS OFFICER KSCST, BENGALURU

Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMEN'
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574 115

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi)

Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka

Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



Prof. Dr. Thirumaleshwara Bhat BE, M.Tech., Ph.D., MISTE

PRINCIPAL

17 November 2023

Ref. No.: SMVITM/2022-23/590

Secretary

Karnataka State Council for Science and Technology Indian Institute of Science Campus, Bengaluru - 560012 Karnataka State, INDIA

Dear Sir

Sub: Submission of KSCST 46th series student project Programme (SPP) final project report – Regarding

Ref: 7.1.01/SPP/33 dated 24th April 2023

At the outset, we thank KSCST for extending financial support to our student projects. The KSCST has funded Ten student projects of our college during the AY 2022-23. I am submitting the hard copies of the utilization certificate of sponsored projects for your kind perusal. Kindly acknowledge the same and oblige.

Thanking You

Yours Faithfully

Thirumaleshwara Bhat

Principal

Enclosure : Otilization Certificate-46th SPP

Vishwothama Nagar, Udupi Dist. BANTAKAL - 574 115 Principal
SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.

BANTAKAL - 574 115

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

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Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



FORM GFR 19-A

UTILIZATION CERTIFICATE

KSCST: STUDENT PROJECT PROGRAMME – 46th SERIES

SI. No.	Letter No. and date	Amount (Rs.)	Certified that KSCST has provided partial financial support of Rs. 54,500/- (Fifty
1	Ref: 7.1.01/SPP/33	Rs. 54,500/	four thousand five hundred only) towards Student Project Programme - 46 th Series A sum of Rs 54500/- (Fifty four thousand five hundred) 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 N o	Project Proposal Ref. No.	Title of the Project	Department/ Guide	Amount Sanctio ned by KSCST	Amount Utilized by the College	Balance if any to be refunded to KSCST
1.	46S_BE_028 7	SPATIAL DISTRIBUTION OF IRON CONTENT IN THE AQUIFERS USING GIS INTERPOLATION AND TREATMENT USING LOW COST FILTER MEDIA: A CASE STUDY IN UDUPI TALUK	CIVIL ENGINEERING/ Dr. DEEPIKA B V	5,000.00	5,000.00	0.00
2.	46S_BE_048 8	CONSTRUCTION OF COMPOUND WALL USING DEMOLISION WASTE	CIVIL ENGINEERING/Prof. ROSHAN S KOTIAN	5,000.00	5,000.00	0.00

Principal

SHRI MADHWA VADIRAJA

3	. 46S_BE_135	ECG BASED HEART ABNORMALITY DETECTION AND MYOCARDIAL INFARCTION PREDICTION	COMPUTER SCIENCE AND ENGINEERING/ Mrs.SAVITHA A SHNEOY		3,500.00	0.00
4.	46S_BE_032 8	EVALUATION OF PERFORMANCE AND ENERGY SAVING POTENTIAL OF EARTH AIR TUNNEL SYSTEM INSIDE THE BUILDING AS SUSTAINABLE ALTERNATIVE	ENGINEERING/		5,000.00	0.00
5.	46S_BE_035	FEASIBILITY OF CEMENTLESS INTERLOCK BLOCKS AS A GREEN PAVEMENT SYSTEMS : FUTURISTIC SUSTAINABLE CONSTRUCTION PRACTICES	CIVIL ENGINEERING/ Mr.SUNIL HALDANKAR	5,000.00	5,000.00	0.00
6.	46S_BE_210 8	DESIGN AND DEVELOPMENT OF NEGATIVE PRESSURE WOUND THERAPY DEVICE	ELECTRONICS AND COMMUNICATION ENGINEERING/ Mr. SHRVAN VENKATESH K Mrs. AKSHATHA	6,000.00	6,000.00	0.00
7.	46S_BE_302 1	ROBOT ASSISTANCE FOR THE VISUALLY IMPAIRED	ELECTRONICS AND COMMUNICATION ENGINEERING/ Mr. CHETAN R	6,000.00	6,000.00	0.00
S.	46S_BE_349 7	SMART VISION FOR VISUALLY CHALLENGED PEOPLE USING MACHINE LEARNING ALGORITHMS	COMPUTER SCIENCE AND ENGINEERING/ Mrs. R.SOUNDHARYA	3,000.00	3,000.00	0.00
	46S_BE_331	COOKER TYPE SOLAR COOKER	MECHANICAL ENGINEERING/ Mr. ANANTHESH RAO K	8,000.00	8,000.00	0.00
	46S_BE_379 0	PRODUCING BIODEGRADABLE PLATES	MECHANICAL ENGINEERING/ Dr. SUDARSHAN RAO K	8,000.00	8,000.00	0.00

meor

Signature of the Principalai with Seal SHRIMADHWA VAI

LUSTITUTE OF TECHNOLOGY & MANAGEMENT

Date: 18/11/2023 SANTAKAL - 5/4 115

Place: Bantakal

Signature of the Finance / Accounts Officer

with Seal Finance Executive SMVITM, Bantakal

Principal

SHRI MADHWA VADIRA IA
*NSTITUTE OF TECHNOLOGY & MANAGEMENT
Vishwothama Nagar, Udupi Dist.
BANTAKAL - 574115

SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust®, Udupi) Accredited by NBA | Accredited by NAAC with 'A' grade | Affiliated to VTU, Belagavi Approved by AICTE, New Delhi & Recognized by Govt. of Karnataka Vishwothama Nagar, Bantakal - 574115, Udupi District, Karnataka.



UTILISATION CERTIFICATE

KSCST: STUDENT PROJECT PROGRAMME - 46th SERIES

Date: 18/11/2023

This is to certify that Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal having its office / institution at Vishwothama Nagar, Bantakal, Udupi 574115, Karnataka has been granted a sum of Rs.54500/-(Fifty four thousand five hundred only) has been credited vide NEFT: Ref No P157230245924671 dated 06/06/2023 to Bank of Baroda Account No. 16580200000081 from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. Ref: 7.1.01/SPP/33 dated 24th April 2023 towards 46th Series Student Project Programme (SPP) - 46S BE 0287, 46S BE 0488, 46S BE 1359, 46S BE 0328, 46S BE 0351, 46S BE 2108, 46S BE 3021, 46S BE 3497, 46S BE 3311 and 46S BE 3790. The college has incurred the expenditure of Rs.54,500/-(Fifty four thousand five hundred only) 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 down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 24th April 2023.

Signature of the Principal

with Seal with Seal

SHRI MADHWA YADMAMPal Date: 18.11.2023 HISTITUTE OF TECHNOLOGY & MANAGEMENT A

Place: Bantakal vishwomama nagar United St. MANAGEMENT BANYakupti 574 145 agar, Udupi Dist.

Signature of the Finance / Accounts Officer

SMVITM, Bantakal

Principal CHRIMADHWA VADIRAJA

Tel: 7483031199, 7483031200 | WhatsApp: 9611615001 | E-mail: info@sode-edu.in | Websirte: www.sode-edu.in

Vishwothama Nagar