SOUTH EAST ASIAN EDUCATION TRUST ®
S.E.A. COLLEGE OF ENGINEERING & TECHNOLOGY
(Approved by All India Council for Technical Education (AICTE), New Delhi , Accredited B++ by NAAC
Affiliated to Visvesvaraya Technological University (VTU), Belagavi, Recognised by Government of Karnataka)

KSCST 47th Series Student's Project Program (SPP): 2023-24

1. Consolidated list of project proposals applied for KSCST 2023-24. (20/2/2024)

No	Project Title	Guide(s)	Student(s)	Branch
1.	Influence of Free Transportation Services to The Mass General Public: Study with Special Reference to Whitefield Passengers in Bangalore City	Dr. SB Anil Kumar	**1. Sumanjaneya Reddy N.S.**	MBA
2.	Role of social media on Tourism and Travel Services with Special Reference to Mysore in Karnataka State	Dr. D. Balaji	**1. Suprit N Krishna**	MBA
3.	Comparison of Classical Machine Learning and Quantum Machine Learning Techniques for Breast Cancer Detection	Mr. Jayakumar Co-Guide: Dr. Usha Desai	**1. Vikasa Bheemashank ara Pateela**	MTech/CSE
4.	IoT Enabled Biomedical Smart Waste Bin Monitoring Using Yolo7 and Rasberry Pi	Mrs. Saswati Behera	**1.Ashwini G** 2.Sahana K 3. T R Bhoomika 4.V Madhumithaa	CSE
5.	Uncovering the Internet-based Merchandise using Sentiment Evaluation and Machine Learning algorithms	Dr. Nijaguna G S	**1.Mohammed Azmathulla** 2.Shabaz Pasha 3.Brij Bhushan Kumar 4.Basavaraj Rajur	ISE
6.	BioBallot Nexus: A finger-print based voting protocol	Mrs. Jayashri M Co-Guide: Dr. Usha Desai	**1.Keziah K** 2.Aravind M 3.B Naresh 4.Nusum Nagalakshmi	CSE
7.	Design of voice controlled wireless sensor smart car using Arduino uno	Asha VKR	**1.D N Padmanand** 2.E Rajesh 3.C H Venkata Sudheer Kumar	ECE

*Note: Team Leaders are in Bold text.

2. Project proposals approved for sponsorship. (19/4/2024)

Sl. No.	Proposal Ref. No.	Project Title	Guide(s)	Students	Branch	Amount (Rs.)
1.	47S_MBA_0122	Influence of Free Transportation Services to The Mass General Public: Study with Special Reference to Whitefield Passengers in Bangalore City	Dr. SB Anil Kumar	1.Sumanjaneya Reddy N.S.	MBA	4000
2.	47S_MBA_0187	Role of social media on Tourism and Travel Services with Special Reference to Mysore in Karnataka State	Dr. D. Balaji	1.Suprit N Krishna	MBA	3500
3.	47S_MTech_0077	Comparison of Classical Machine Learning and Quantum Machine Learning Techniques for Breast Cancer Detection	Mr. Jayakumar Co-Guide: Dr. Usha Desai	1.Vikasa Bheemashankara Pateela	MTech/CSE	5000
4.	47S_BE_3585	Uncovering the Internet-based Merchandise using Sentiment Evaluation and Machine Learning algorithms	Dr. Nijaguna G S	1.**Mohammed Azmathulla** 2.Shabaz Pasha 3.Brij Bhushan Kumar 4.Basavaraj Rajur	ISE	5000

Note: Amount sanctioned on 15-05-2024, in total Rs.17.500/-

3. Projects selected for State Level Poster Presentation held at Sharnbasva University, Kalaburagi on 9th & 10th August 2024.

Sl. No.	Proposal Ref. No.	Project Title	Guide(s)	Students	Course/ Branch	Selected for
1.	47S_MBA_0187	Role of social media on Tourism and Travel Services with Special Reference to Mysore in Karnataka State	Dr. D. Balaji	1.Suprit N Krishna	MBA	**Poster Presentation**
2.	47S_BE_3585	Uncovering the Internet-based Merchandise using Sentiment Evaluation and Machine Learning algorithms	Dr. Nijaguna G S	1.**Mohammed Azmathulla** 2.Shabaz Pasha 3.Brij Bhushan Kumar 4.Basavaraj Rajur	BE/ISE	**Poster Presentation**

4. Project selected for prize

Sl. No.	Proposal Ref. No.	Project Title	Guide(s)	Students	Course/ Branch	Selected for
1.	47S_BE_3585	Uncovering the Internet-based Merchandise using Sentiment Evaluation and Machine Learning algorithms	Dr. Nijaguna G S	1.**Mohammed Azmathulla** 2.Shabaz Pasha 3.Brij Bhushan Kumar 4.Basavaraj Rajur	BE/ISE	**First Prize in ISE Branch, Best Project of the Year 2024.** The team awarded Rs. 1500/- each.

Dr. U. T. Vijay
Executive Secretary

19th April, 2024

Ref: 7.1.01/SPP/37

To,
The Principal
S.E.A. College of Engineering and Technology
Ekta Nagar Basavanapura Virgonagar P.O K.R. Puram
Bengaluru – 560 049

Dear Sir/Madam,

Sub : Sanction of Student Project - 47th Series: Year 2023-2024

Project Proposal Reference No. :	**47S_MTech_0077**
Ref : Project Proposal entitled	**COMPARISON OF CLASSICAL MACHINE LEARNING AND QUANTUM MACHINE LEARNING TECHNIQUES FOR BREAST CANCER DETECTION**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 47th Series". The project details are as below:

Student(s)	Mr. VIKASA BHEEMASHANKARA PATEELA		Department	COMPUTER SCIENCE AND ENGINEERING
Guide(s)	Mr. JAYAKUMAR B L		Sanctioned Amount (in Rs.)	5,000.00
	Dr. USHA DESAI			

Comments / Suggestions of the Experts

USEFUL BUT COLLABORATION WITH MEDICAL EXPERTS IS NECESSARY

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/6s8hq5XbScsBMv3G9. 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)

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 **third week of May 2024** onwards through 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/Mi446v1U5fdFcMD99. The report should be prepared in the format prescribed by the university.

i) The **Utilization Certificate and Statement of Expenditure duly signed by competent authority** of consolidated sanctioned projects from your institution need to be submitted **20 August 2024** without fail.

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
   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

2) Mr. JAYAKUMAR B L   Dr. USHA DESAI
   COMPUTER SCIENCE AND ENGINEERING
   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

3) THE ACCOUNTS OFFICER
   KSCST, BENGALURU

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

Dr. U. T. Vijay
Executive Secretary

19th April, 2024

Ref: 7.1.01/SPP/37

To,
The Principal
S.E.A. College of Engineering and Technology
Ekta Nagar Basavanapura Virgonagar P.O K.R. Puram
Bengaluru – 560 049

Dear Sir/Madam,

Sub : Sanction of Student Project - 47th Series: Year 2023-2024

Project Proposal Reference No. :   **47S_MBA_0187**

Ref : Project Proposal entitled   **ROLE OF SOCIAL MEDIA ON TOURISM AND TRAVEL SERVICES WITH SPECIAL REFERENCE TO MYSORE IN KARNATAKA STATE**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 47th Series". The project details are as below:

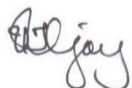| Student(s)	Mr. SUPRIT N. KRISHNA	Department	MBA
Guide(s)	Dr. D. BALAJI	Sanctioned Amount (in Rs.)	3,500.00

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/6s8hq5XbScsBMv3G9. 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)

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 **third week of May 2024** onwards through Online Mode and the details of the same will be intimated shortly by email / Website

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/Mi446v1U5fdFcMD99. The report should be prepared in the format prescribed by the university.

i) The **Utilization Certificate and Statement of Expenditure duly signed by competent authority** of consolidated sanctioned projects from your institution need to be submitted **20 August 2024** without fail.

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

   MBA

   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

2) Dr. D. BALAJI

   MBA

   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

3) THE ACCOUNTS OFFICER

   KSCST, BENGALURU

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

Dr. U. T. Vijay
Executive Secretary

19th April, 2024

Ref: 7.1.01/SPP/37

To,
The Principal
S.E.A. College of Engineering and Technology
Ekta Nagar Basavanapura Virgonagar P.O K.R. Puram
Bengaluru – 560 049

Dear Sir/Madam,

Sub : Sanction of Student Project - 47th Series: Year 2023-2024

Project Proposal Reference No. :   47S_MBA_0122

Ref : Project Proposal entitled   **INFLUENCE OF FREE TRANSPORTATION SERVICES TO THE MASS GENERAL PUBLIC: STUDY WITH SPECIAL REFERENCE TO WHITEFIELD PASSENGERS IN BANGALORE CITY**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 47th Series". The project details are as below:

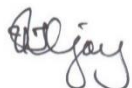| Student(s)	Mr. SUMANJANEYA REDDY N. S.	Department	MBA
Guide(s)	Dr. S. B. ANIL KUMAR	Sanctioned Amount (in Rs.)	4,000.00

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/6s8hq5XbScsBMv3G9. 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

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).

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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 **third week of May 2024** onwards through Online Mode and the details of the same will be intimated shortly by email / Website

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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
   MBA
   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

2) Dr. S. B. ANIL KUMAR
   MBA
   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

3) THE ACCOUNTS OFFICER
   KSCST, BENGALURU

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

KSCST

Dr. U. T. Vijay
Executive Secretary

19th April, 2024

Ref: 7.1.01/SPP/37

To,
The Principal
S.E.A. College of Engineering and Technology
Ekta Nagar Basavanapura Virgonagar P.O K.R. Puram
Bengaluru – 560 049

Dear Sir/Madam,

Sub : Sanction of Student Project - 47th Series: Year 2023-2024

Project Proposal Reference No. : **47S_BE_3585**

Ref : Project Proposal entitled **UNCOVERING THE INTERNET-BASED MERCHANDISE USING SENTIMENT EVALUATION AND 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 - 47th Series". The project details are as below:

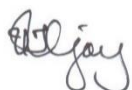| Student(s)	Mr. MOHAMMED AZMATHULLA	Department	INFORMATION SCIENCE AND ENGINEERING
	Mr. SHABAZ PASHA		
	Mr. BRIJ BHUSHAN KUMAR		
	Mr. BASAVARAJ RAJUR	Sanctioned Amount (in Rs.)	5,000.00
Guide(s)	Dr. NIJAGUNA G. S.		

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/6s8hq5XbScsBMv3G9. 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)

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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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
   INFORMATION SCIENCE AND ENGINEERING
   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

2) Dr. NIJAGUNA G. S.
   INFORMATION SCIENCE AND ENGINEERING
   S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

3) THE ACCOUNTS OFFICER
   KSCST, BENGALURU

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Treasurer

Authorised Signatory(ies)
Please sign above

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Certificate

This is to certify that Mr. SUPRIT N. KRISHNA student of S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU participated in the 47th series of Student Project Programme (SPP) State-level Poster Presentation and Exhibition held during 9th-10th August, 2024 at Sharnbasva University, Kalaburagi. The project titled ROLE OF SOCIAL MEDIA ON TOURISM AND TRAVEL SERVICES WITH SPECIAL REFERENCE TO MYSORE IN KARNATAKA STATE under the guidance of Dr. D. BALAJI was selected for the Poster Presentation.

The SPP is supported by Department of Science and Technology, Government of Karnataka and Government of India.

(Dr. U.T.Vijay)
Executive Secretary
KSCST

(Prof. Ashok M. Raichur)
Secretary, KSCST and
Professor, Department of Materials Engineering, IISc

Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 019

Telephone: 080-23341652, 23348848, 23348849 | E-mail: office.kscst@iisc.ac.in | Website: www.ksc... ...//kscst.karnataka.gov.in

KSCST

Government of Karnataka

DST - GOI

Certificate

This is to certify that **Mr. MOHAMMED AZMATHULLA, Mr. SHABAZ PASHA, Mr. BRIJ BHUSHAN KUMAR**

AND Mr. BASAVARAJ RAJUR _____ students of

S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

participated in the 47ᵗʰ Series of (2023-24) Student Project Programme (SPP)

and completed the project titled   UNCOVERING THE INTERNET-BASED MERCHANDISE USING

SENTIMENT EVALUATION AND MACHINE LEARNING ALGORITHMS

_____ under

the guidance of   **Dr. NIJAGUNA G. S** _____ This project was adjudged as

State level "Best Project of the Year" during the state level Poster Presentation and Exhibition held at

Sharnbasva University, Kalaburagi on 9ᵗʰ and 10ᵗʰ August 2024.

This program is supported by Department of Science and Technology, Government of Karnataka and

Government of India.

(Dr. U.T. Vijay)
Executive Secretary
KSCST

(Prof. ...nok ... Raichur)
Secret... ...ST and
Professor, D... ...aterials Engineering, IISc

Karnataka State Council for Science and Technology

KSCST

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 | E-mail: office.kscst@iisc.ac.in | Website: www.kscst.org.in / https://kscst.karnataka.gov.in

Government of Karnataka   DST - GOI

Certificate

This is to certify that   **Dr. NIJAGUNA G. S**   *faculty of*

S.E.A. COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU

participated in the 47ᵗʰ Series of (2023-24)

Student Project Programme (SPP) as guide for the project titled   UNCOVERING THE INTERNET-BASED

MERCHANDISE USING SENTIMENT EVALUATION AND MACHINE LEARNING ALGORITHMS

This project was adjudged as "Best Project of the Year" during the State-level Poster Presentation and Exhibition held at Sharnbasva University, Kalaburagi on 9ᵗʰ and 10ᵗʰ August 2024.
This program is supported by Department of Science and Technology, Government of Karnataka and Government of India.

(Dr. U.T. Vijay)
Executive Secretary
KSCST

(Prof. Ashok M. Raichur)
Secretary, KSCST and
Professor, Department of Materials Engineering, IISc

State Level Poster Presentation & Exibition

@sharnbasva_university_suk

@__fellaz__

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
47TH SERIES OF STUDENT PROJECT PROGRAMME
Awarded for "Best Project of the Year 2023 – 2024"
ANNUAL STATE-LEVEL PROJECT POSTER PRESENTATION AND EXHIBITION HELD AT
SHARNBASVA UNIVERSITY, KALABURAGI
9 – 10 AUGUST 2024
SUPPORTED BY:
DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF KARNATAKA
DEPARTMENT OF SCIENCE AND TECHNOLOGY, GOVERNMENT OF INDIA