

Bapuji Educational Association (Regd.)
Bapuji Institute of Engineering and Technology, Davangere-04

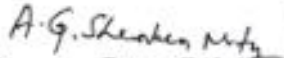
Ref No: BT/office/13/2021-22

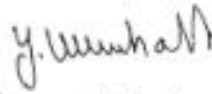
Date: 01-04-2021

CIRCULAR

With reference to the notification displayed in the website of KSCST, IISc, Bangalore on 1st April 2021, a total of **Twenty four** Projects from various departments of our Institute are approved for sponsorship by Karnataka State Council for Science and Technology, Bengaluru under 44th series **Students Projects Programme (SPP) 2020-21**. We congratulate the Project team for the efforts made in getting sponsorship from **KSCST**. List of approved Projects is attached with the circular for information.


Coordinator SPP-BIET


Dean R & D


Director


Principal

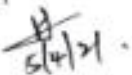
Copy To:

Dear Academic

Dean R & D

Department HODs: CV, MECH, E & E, CS, E&C, IS&E, IT, BT, TX, CHE

TO
V S H


KSCST Indcharge

5/4/21

VSH
..

169.	44S_BE_1657	MONITORING OF BORDER INCRUSIONS FOR NATIONAL SECURITY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Mr. MANJUNATH KG	Mr. BHARAT BELAGAVI Ms. PRIYADARSHINI B Mr. BHARGAVA BP Ms. KUSHALA R S	5500.00
170.	44S_BE_1658	DEVELOPMENT OF PORTABLE NON INVASIVE VENTILATOR	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Ms. VISYA S Ms. RAMYA ANNIGERE	Mr. MOHAMMED YUNUS M Ms. BIBI AYESHA M D Ms. SUNEETHA M M	5500.00
171.	44S_BE_1660	HUMAN ACTION RECOGNITION & TRACKING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Ms. REKHA BH Ms. SUSHMA C	Mr. DHEERAJ KUMAR Ms. NEETHU.HO Mr. RADHE SHANKAR Ms. AMBREEN SADAF MI	4000.00
172.	44S_BE_1666	ROBOTIC BASED COVID 19 PATIENT'S DATA ACQUISITION SYSTEM	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mrs. RANJANA B JADEKAR Ms. ROOPA D E	Ms. SHRILAXMI DIVAKAR BHAT Ms. DHANUSHREE G Y Ms. YASHIKA PARVEEN K Ms. MANDARA B C	3500.00
173.	44S_BE_1670	IOT BASED SMART EQUIPMENT FOR SAFETY	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Dr. M S NAGARAJ	Mr. S M P MAHIR KHADRI Ms. CHANDANA A P Ms. PALLAVI M SHET Mr. PRAMODH C S	5000.00
174.	44S_BE_1672	SMART WASTE MANAGEMENT SYSTEM USING IOT	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Prof. KARIBASAVARAJU T S	Ms. ANUSHA B Ms. LEKHANA G P Ms. B KAVYA Ms. KIRANASHREE M S	5000.00
175.	44S_BE_1680	MOTION BASED MESSAGE CONVEYER AND PRESCRIPTION REMINDER FOR PARALYTIC PATIENTS	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Dr. JAYADEVAPPA B M	Ms. VANITHA J Ms. SWATHI K R Mr. RAHUL A HAVERI Mr. SUJAY K R	7000.00
176.	44S_BE_1682	AUTOMATIC ANESTHESIA USING HEART BEAT SENSOR	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. RANJITH PATIL N	Ms. IMPU D M Mr. ABHISHEK A Ms. SRUSTI M S Ms. CHANDANA H N	7000.00
177.	44S_BE_1689	MACHINE LEARNING APPROACH TO PREDICT ALZHEIMER'S DISEASE BASED ON MMSE METRICS	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. S B MALLIKARJUNA	Ms. BINDU RAVISHANKAR Ms. ANU BAI B Ms. RAMYASHREE G T Mr. PUJAR NAVEEN KUMAR	4000.00
178.	44S_BE_1691	SMART SUPERVISION SYSTEM FOR COVID PREVENTION AND CONTROL	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. NIRMALA C R	Ms. CHANDANA LAXMI H Mr. KARTHIK G M Ms. MANASA S Ms. SHEETAL P	6000.00
179.	44S_BE_1692	MISSING PERSON DETECTION USING AI	COMPUTER SCIENCE AND ENGINEERING	B.E.	Mr. ARUN KUMAR G H	Mr. BASAVARAJ L P Mr. VIJAYKUMAR D DAMODAR Mr. SURENDRA K V Mr. MANOHAR R	3500.00
180.	44S_BE_1697	IOT BASED AUTOMATED DRIP IRRIGATION SYSTEM	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. ANU C S	Mr. ROHAN MAGANAHALLI Ms. SUNAYA MUDEGUDRU Ms. DEEPTI G S Mr. KANNAIYA KUMAR	6000.00

Bapuji Educational Association (Regd.)
Bapuji Institute of Engineering and Technology, Davangere-04

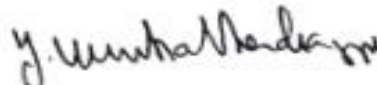
Ref No: *BIET/BT/KSCST/495/2021-22*


Date: 29.06.2021

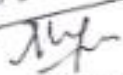
CIRCULAR

In connection with the review on updates of **KSCST sponsored Projects under 44th series of Student Project Programme (SPP)**, a meeting is convened in the Board room on 29th June 2021 at 3.30 PM in the board room. ^{HODs &} Guides from various departments of the sponsored Projects are hereby requested to attend the meeting with updated details of ongoing **KSCST Projects**. Project evaluation schedule for the completed Project will be shared shortly and for regular updates visit the website kscst.org.in/spp.html.

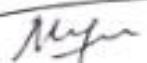

Coordinator
SPP-BIET
(Mob: 8762221973)


Director


Principal

MSASTM


Copy to:
Office
Dean, R & D
Departments: CV, ME, EE, CS, EC, IT, BT, IS, TX

VSH to file


1 of 2

PTO →



Karnataka State Council for Science and Technology

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

Telephone: 080-23341652, 23348848, 23348849, 23348840

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

Mr. H. Hemanth Kumar
Executive Secretary

20th April 2021

Ref: 7.1.01/SPP/10

The Principal
Bapuji Institute of Engineering and Technology P.B.No.325
Shamnanur Road,
Davanagere - 577 004

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : **44S_BE_1670**

Ref : Your Project Proposal entitled " **IOT BASED SMART EQUIPMENT FOR SAFETY**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Mr. S M P Mahir Khadri	Budget	
		Particulars	Amount (Rs.)
	Ms. Chandana A P	Materials/Consumables	3,000.00
	Ms. Pallavi M Shet	Labour	500.00
	Mr. Pramodh C S	Travel	500.00
Guide/s	Dr. M S Nagaraj	Miscellaneous	500.00
		Report	500.00
Department	Electrical And Electronics Engineering	Total	5,000.00
FIVE THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc.) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc.)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).
- (Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)**

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemant Kumar)

Copy to (by email):

- 1) Dr. Manjunath N S
SPP Coordinator
Bapuji Institute Of Engineering And Technology P.B.No.325
Shamnanur Road,
Devaragere - 577 004
- 2) Dr. M S Nagaraj
Department of Electrical And Electronics Engineering
Bapuji Institute Of Engineering And Technology P.B.No.325
Shamnanur Road,
Devaragere - 577 004

- 3) The Finance Officer, KSCST, Bangalore

End: As Above



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: 080-23341882, 23348848, 23348849, 23348840

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

Mr. H. Hemanth Kumar

Executive Secretary

20th April 2021

Ref: 7.1.01/SPP/10

The Principal
Bapuji Institute of Engineering and Technology P.B.No.325
Shamnanur Road,
Davanagere - 577 004

Dear Sir/Madam,

Sub : Sanction of Student Project - 44th Series: Year 2020-2021

Your Project Proposal Reference No. : **44S_BE_1672**

Ref : Your Project Proposal entitled " **SMART WASTE MANAGEMENT SYSTEM USING IOT**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 44th Series" with a budgetary break-up as detailed below:

Student / s	Ms. Anusha.B Ms. Lekhana.G.P Ms. B Kavya Ms. Kiranashree M.S	Budget	
		Particulars	Amount (Rs.)
Guide/s	Prof. Karibasavaraju.T.S	Travel	-
		Miscellaneous	500.00
		Report	500.00
Department	Electrical And Electronics Engineering	Total	5,000.00
FIVE THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and softcopy of the full report in a CD (single file .pdf format only) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).
- (Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)**

The sanctioned amount will be sent to the Principal / Head of the Institute by NEFT details provided by the college/institution.

The sponsored projects evaluation will be held in the Nodal Centre /online platform and the details of the same will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemant Kumar)

Copy to (by email):

- 1) Dr. Manjunath N S
SPP Coordinator
Bapuji Institute Of Engineering And Technology P.B.No.325
Shannanur Road,
Davanagere - 577 004
- 2) Prof. Karibesevaraju.T.S
Department of Electrical And Electronics Engineering
Bapuji Institute Of Engineering And Technology P.B.No.325
Shannanur Road,
Davanagere - 577 004
- 3) The Finance Officer, KSCST, Bangalore

End: As Above

Bapuji Educational Association (Regd.)
Bapuji Institute of Engineering and Technology, Davangere-04

Ref No: *BIET/BT/KSCST/313/2021-22*

Date: 29.04.2021

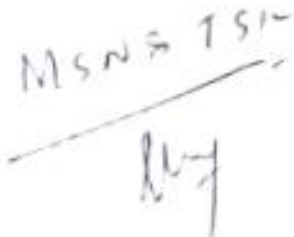
CIRCULAR

With reference to e-mail received from Karnataka State Council for Science and Technology, Bangalore on 28th April 2021, we are pleased to inform that, we have received order copies (soft copies) of sanctioned projects from the office of **KSCST under 44th series of Student Project Programme (SPP)**. It is hereby informed the Guides and Students of the sanctioned Projects to kindly adhere to the guidelines given in the sanctioned order copies provided with this circular. The sponsored projects evaluation will be held in the Nodal Centre /Online platform and the details of the same will be intimated shortly by e-mail /Website announcement (www.kscst.iisc.emet.in, www.kscst.org.in).


Coordinator
SPP-BIET
(Mob: 8762221973)


A. G. Shenkaru
Dean R & D


Principal


MSR TS
by


TJ.



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
Indian Institute of Science campus, Bengaluru

**FORMAT FOR STUDENT PROJECT PROPOSAL FOR THE 44th SERIES OF
STUDENT PROJECT PROGRAMME**

1.	Project Title: "IoT BASED SMART EQUIPMENT FOR SAFETY"	
2.	Name of the College: Bapuji Institute of Engineering and Technology, Davangere-04.	
3.	Branch: Electrical and Electronics Engineering	
4.	Name(s) of project guide(s): Name: Dr.M.S.Nagaraj Email id: msndvg@gmail.com Contact No: 9844484767	
	Name of Team Members Name: S.M.P.Mahir Khadri USN No.: 4BD17EE038 Email id: smaheerkhadri@gmail.com Mobile: 8861517751	
	Name: Pramodh.C.S USN No.: 4BD18EE407 Email id: pramodhpummy54@gmail.com Mobile no: 7411714708	

Name: Chandana.A.P
USN No.:4BD17EE009
Email id: chanduap14907@gmail.com
Mobile No.: 9113634582



Name: Pallavi.M.Shet
USN No.: 4BD17EE030
Email id: mshetpallavi123@gmail.com
Mobile No.: 8105595326



5. **KEYWORDS:**

Rp 3b+ model, Sntp, Mta / Ua, IoT, Tcp/Ip Model, Python Ide

6. **INTRODUCTION:**

The main purpose of building a woman safety device is to act as a rescue and prevent any harm at the time of hazard especially for women. Through the proposed system a smart device for women's safety which automates the emergency alert system is designed. Women are the backbone of any economy primarily shaping future of the country. She who earlier stayed at home to attend her domestic duties is now maintaining work and home simultaneously, participating in the process of economic development on an equal footing with men. The Government of India, meeting a longstanding demand for gender parity in the workforce, has approved an amendment in The Factories Act 1948 to allow women employees to work in nightshifts. The amendment suggests that nightshift for women shall be allowed only if the employer ensures safety, adequate safeguards in the factory as regards occupational safety and health, equal opportunity for women workers, adequate protection of their dignity, honor and transportation from the factory premises to the nearest point of their residence are met.

Bapuji Educational Association (Regd.)
Bapuji Institute of Engineering and Technology, Davangere-04

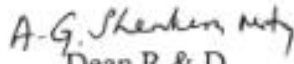
Ref No: BIET/Office/KSCST/1168/2021

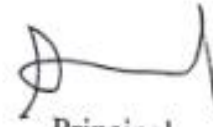
Date: 20.09.2021

CIRCULAR

With reference to the virtual award function **"44th series of Student Project Programme"** organised by Karnataka State Council for Science and Technology, IISc, Bangalore on 15.9.21, we are pleased to inform that, the list enclosed with total three, one each from the department of Mechanical Engineering, **Electrical & Electronics** and Computer science Engineering of our college are awarded for **"Best Projects of the Year"** with cash Prize and the certificates. In this regard, we congratulate the students and Guides of the awarded projects of various departments.


Coordinator
SPP-BIET


A.G. Shenkaru, mtg
Dean R & D


Principal

Copy to:
Dean (Academic)
Dean (R&D)


VSH

E4E

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Awarded with Best Project of the Year

15.09-2021

BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE

Sl. No.	PROJECT REF.No.	PROJECT TITLE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
1	44S_BE_1612	SYNTHESIS OF LIQUID FERTILIZER FOR AGRICULTURE USING COLD PLASMA TECHNOLOGY.	MECHANICAL ENGINEERING	Mr. ANAND K J Dr. SHARAN A S	Mr. ASHISH V DANDIN Mr. ABHISHEK R P Mr. ALOK K S Ms. MANJULA S E	9000.00
2	44S_BE_1670	IOT BASED SMART EQUIPMENT FOR SAFETY	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. M S NAGARAJ	Mr. S M P MAHIR KHADRI Ms. CHANDANA A P Ms. PALLAVI M SHET Mr. PRAMODH C S	5000.00
3	44S_BE_1689	MACHINE LEARNING APPROACH TO PREDICT ALZHEIMER'S DISEASE BASED ON MMSE METRICS	COMPUTER SCIENCE AND ENGINEERING	Prof. S B MALLIKARJUNA	Ms. BINDU RAVISHANKAR Ms. ANU BAI B Ms. RAMYASHREE G T Mr. PUJAR NAVEEN KUMAR	4000.00

Bapuji Educational Association (Regd.)
Bapuji Institute of Engineering and Technology, Davangere-04

Ref No: /BIET/BT/327/2020-2021

Date: 10.07.2020

CIRCULAR

As per the guidelines of KSCST received through e mail on 9th July 2020, this is to inform mentors and students of various projects sponsored under **KSCST** that online evaluation (Google meet) of projects selected under **43rd series of Student Project Programme (SPP)** is expected to start on 20th July 2020. In this connection, detailed guidelines given from KSCST is attached with this circular to be followed for the preparation and presentation of project work. Mentors are also informed to convey the message to the concerned students and do the needful. Reports of Project work (hard and soft copies) and bills to be submitted to the office before 15.7.2020.


Coordinator SPP-BIET


Dean R & D


Director


Principal



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

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

Mr. H. Hemanth Kumar
Executive Secretary

16th March 2020

Ref: 7.1.01/SPP/953

The Principal,
Bapuji Institute of Engineering and Technology,
Davanagere - 577 004.



Dear Sir/Madam,

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

Your Project Proposal Reference No. : **43S_BE_1470**

Ref : Your Project Proposal entitled * **GENERATION OF FREE ELECTRICITY FROM EARTH**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 43rd Series" with a budgetary break-up as detailed below:

Student / s	Mr. Pavankumar B M	Budget	
		Particulars	Amount (Rs.)
	Mr. Mohammed Saleem Attar	Materials/Consumables	3,000.00
	Mr. Gundegouda	Labour	-
	Mr. Manish A R	Travel	-
Guide/s	Dr. M S Nagaraj	Miscellaneous	500.00
	Ms. Vidya G H	Report	500.00
Department	Electrical And Electronics Engineering	Total	4,000.00
Four Thousand Rupees Only			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
 - 6) Objectives (about 10 lines)
 - 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
 - 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
 - 9) Scope for future work (about 20 lines).
- (Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)**

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

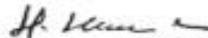
The sanctioned amount will be sent through crossed cheque to the Principal. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Electrical And Electronics Engineering
Bapuji Institute Of Engineering And Technology,
Davanagere - 577 004.

- 2) Dr. M S Nagaraj
Department of Electrical And Electronics Engineering
Bapuji Institute Of Engineering And Technology,
Davanagere - 577 004.

- 3) The Finance Officer, KSCST, Bengaluru

End: As Above