



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ದ ಬ ಯು ಉ ಅಧಿನಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)  
'ಜ್ಞಾನ ಸಂಗಮ', ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

**Visvesvaraya Technological University**

(State University of Government of Karnataka Established as per the VTU Act, 1994)  
"Jnana Sangama", Belagavi-590 018, Karnataka State, India

Prof. A. S. Deshpande B.E., M.Tech., Ph.D.  
REGISTRAR

Phone : (0831) 2498100

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Ref: VTU/BGM/Aca/A-12/VTU RGS/DIS -CV/2021-22/5860/6

Date : 11 8 FEB 2022

To,  
The Principal,  
Adichunchanagiri Institute of Technology,  
Chikamagaluru.

Sub: Grants for Research Proposal for the year 2021-22  
Ref.: 1. VTU/Aca./2021-22/ PS/2019-20/9707, dated 18-3-2020.  
2. Hon'ble Vice-Chancellor's approval dt:11-02-2022.

*At the outset please accept our congratulations and greetings.*

We are pleased to inform you that, the grant of Rs 15.00 Lakhs (Rupees Fifteen Lakh only) is being sanctioned for the research proposal entitled as "A Study on the Best available Technologies for the treatment of coffee pulp Effluents.." submitted by Dr.Kiran B M (PI) and Dr. C. R. Gnanendra (CoI) under VTU Research Grants Scheme -2021.

The expenditure of the sanctioned amount needs to be planned as under.

Expenditure Particulars		First Year (Rs. in Lakhs)	Second Year (Rs. in Lakhs)	Total (Rs. in Lakhs)
Non - Recurring	Fellowship for Research Scholar	1.92	1.92	3.84
	Equipments/Software/Instruments (Purchase of Desktops/Laptops are not Permitted)	8.00	1.00	9.00
Recurring	Consumables (Glass wares/Chemicals)	0.85	0.85	1.70
	Others (Expenditure towards/ testing / consultancy / publications of research work in terms IPR Registrations (not for paper publications in journals) / TA-DA to present a paper in conferences or workshop or symposia in India .	0.25	0.21	0.46
Total (Rs. in Lakhs)		11.02	3.98	15
VTU Contribution (75% of the Sanctioned Amount) This amount will be released after receiving the acceptance letter and compliance of Point Number 10,11 &12 mentioned in "Terms and Conditions"		8.265	2.985	11.25
Institution Contribution (25% of the Sanctioned Amount) Please Refer Point number 10,11 &12 in the "Terms and Conditions" and comply accordingly		2.755	0.995	3.75

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B.E.,M.Tech.(IT-B),Ph.D.(NITK)  
Professor and Head  
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CHIKKAMAGALURU-577102



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

## 45<sup>th</sup> series of Student Project Programme (SPP): 2021-22

### List of Student Project Proposals Approved for Sponsorship

#### 7. ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
43.	45S_BE_4824	FOOD WASTE MANAGEMENT BY HOUSEHOLD COMPOSTING	B.E.	CIVIL ENGINEERING	Mrs. SHRUTHI C G	Ms. GAGANASHREE K IDARAMANI Mr. CHALUKYA K T Mr. GAGAN H V Mr. BENAK S A	5,000.00
44.	45S_BE_2348	BLOCKCHAINS FOR COVID-19 CONTACT TRACING AND VACCINE SUPPORT	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. SATHYABHAMA R	Ms. PRUTHVISHREE S K Ms. MEGHASHREE B Ms. NAMITHA G D Ms. NISARGA S NAYAK	2,000.00
45.	45S_BE_2378	DEEP LEARNING APPROACH FOR THE PREDICTION OF CARDIAC-ARREST	B.E.	COMPUTER SCIENCE AND ENGINEERING	Ms. ARCHANA P.	Ms. RACHANA H C Ms. DEEKSHA C M GOWDA Ms. NISCHITHA R Ms. SHREYA GIRISH	5,000.00
46.	45S_BE_2035	RANSOMWARE PREDICTION OVER BITCOIN TRANSACTION USING MACHINE LEARNING AND DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Ms. ANJALI B V	Ms. SAMPREETHA V KADAGALNAD Ms. SNEHA S HEGDE Ms. CHINMAYI S	4,000.00
47.	45S_BE_2395	TRUSTWORTHY ELECTRONIC VOTING USING ADJUSTED BLOCKCHAIN TECHNOLOGY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. RAKESH S RAJ	Ms. PRIYANKA K SHETTY Mr. TANWAYA M Mr. VIDHATHRI C V	5,000.00
48.	45S_BE_2423	VIRTUAL DRESSING ROOM USING AUGMENTED REALITY	B.E.	INFORMATION SCIENCE AND ENGINEERING	Prof. NANJESH BENNUR Dr. SAMPATH S	Mr. AVINASH HANUMANTAPPA SANGUR Mr. BHARATH S Mr. KEERTHI S E Mr. PRUTHVI P J	5,000.00
49.	45S_BE_2780	SIMULATION OF SELF DRIVING CARS USING CONVOLUTIONAL NEURAL NETWORK	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mr. KUMAR M V	Ms. SAMPOORNA H S Ms. SAKSHI AD Ms. SOWMYA M Ms. SHARADHI AS	3,000.00
50.	45S_BE_3012	EARLY DETECTION OF ALZHEIMER'S DISEASE USING DEEP LEARNING	B.E.	INFORMATION SCIENCE AND ENGINEERING	Mrs. ASHWINI KAMATH Mr. SUMAN M H	Ms. VACHAN MAYURI H M Ms. BHOOMIKA SR Ms. ESHWARI B V Ms. SUSHMA B H	3,000.00

#### Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at spp@kscst.org.in

*Changanagiri*  
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Indian Institute of Science Campus, Bengaluru – 560 012

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

## 44<sup>th</sup> Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

### 9. ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
47.	44S_BE_2650	STUDY ON MOISTURE SUSCEPTIBILITY OF HALF WARM BITUMINOUS WITH DIFFERENT FILLERS AND PATCHING OF POTHOLES	CIVIL ENGINEERING	B.E.	Mr. ABHINAG	Mr. SANTHOSH KUMAR S R Mr. SANDEEP M Mr. SANJAY T C Ms. PAVITHRA T R	5500.00
48	44S_BE_2651	BRAIN CONTROLLED ROBOT USING MINDWAVE MOBILE	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mrs. NAGAVENI C R	Mr. HEMANTH CR Mr. ABHIN GOWDA H S Ms. CHAITHRA PG Ms. INCHARA P	7000.00
49.	44S_BE_2657	MOPSO BASED CNN FOR KEYWORD SELECTION ON GOOGLE ADS	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mrs. ANJALI BV	Ms. PRANAMYA KASHYAP MP Ms. NISHA K GOWDA Ms. NITHYASHREE BL Ms. NOORUL HUDA	4000.00
50.	44S_BE_2662	WEARABLE SENSING AND TELEHEALTH TECHNOLOGY WITH POTENTIAL APPLICATION IN THE CORONA VIRUS PANDEMIC	COMPUTER SCIENCE AND ENGINEERING	B.E.	Mr. S J PRASHANTHA	Mr. RAHUL PRABHU K Mr. RAKSHITH H D Mr. TEJAS M DEVANG Mr. THEJUS C J	5000.00
51.	44S_BE_2666	EMERGENCY PATIENT ACTIVITY RECOGNITION MODEL USING MACHINE LEARNING TECHNIQUE	COMPUTER SCIENCE AND ENGINEERING	B.E.	Mr. GOPALKRISHNA C	Ms. MANASA I M Ms. KAVANA S Ms. MEGHA M H Ms. SHARFIYA BANU	4000.00

**Note:**

Transaction details of sanctioned amount of Rs. 25500/- credited on 25<sup>th</sup> June 2021 by NEFT DR- P176210114191937- ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY- KARB0000177-BLR IISc.

The evaluation of above projects will be conducted during July / August 2021 via online mode and participation in the online evaluation process is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.

Submit softcopy of Synopsis in pdf (as per the format preferred in the KSCST website) and report (PDF format in a single file) of project by 20<sup>th</sup> July 2021, which will be uploaded in KSCST SPP portal. Synopsis and report must be named with Reference ID provided by KSCST (Eg:44S\_BE\_0001).

  
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Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	PROJECT STREAM	NAME OF THE GUIDE(S)	NAME OF THE STUDENTS	SANCTIONED AMOUNT (in Rs.)
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**KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**  
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Website: <http://www.ksct.iisc.ernet.in/spp.html> || Email: [spp@ksct.iisc.ernet.in](mailto:spp@ksct.iisc.ernet.in) || Phone: 080-23600978

**43<sup>rd</sup> Series of Student Project Programme: 2019-20**  
**LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP**

**9) ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU**

52.	43S_BE_2949	FAKE NEWS DETECTION USING NATURAL LANGUAGE PROCESSING	INFORMATION SCIENCE AND ENGINEERING	B.E.	STREAM A	Mrs. ANJALI B V Mrs. DEEPASHRI K S	Ms. AKHILA U Ms. CHANDANA M B Ms. SHREERAVYA B S Ms. AKSHATA ERAPPA NAIK	4000.00
53.	43S_BE_2950	DYNAMIC TRAFFIC RULE VIOLATION DETECTION AND MONITORING SYSTEM WITH SMS FEEDBACK	COMPUTER SCIENCE AND ENGINEERING	B.E.	STREAM A	Ms. SATHYABHAMA R	Mr. SACHIN H G Ms. BHOOMIKA K Ms. BINDUSHREE C Mr. JEEVAN A S	4000.00
54.	43S_BE_2952	REAL TIME AUTOMATIC HELMET DETECTION OF BIKE RIDERS USING IMAGE PROCESSING	COMPUTER SCIENCE AND ENGINEERING	B.E.	STREAM A	Mr. CHETHAN P J	Mr. MOHAMMED NIHAL KHAN Ms. ALFIYA BANU Mr. KHALEEL AHAMED Mr. ALFIYA SHAIK	3500.00
55.	43S_BE_2953	CHILD RESCUE SYSTEM IN OPEN BORE-WELLS AT AGRICULTURAL FIELDS IN INDIA	COMPUTER SCIENCE AND ENGINEERING	B.E.	STREAM A	Mrs. ARCHANA .P	Ms. APOORVA S R Ms. CHANDANA P.H Ms. NIDHI A.R Ms. DEEKSHA K.N	4000.00
56.	43S_BE_2962	A STUDY ON BEST AVAILABLE TECHNOLOGIES FOR WATER USE AND WASTE WATER TREATMENT IN COFFEE PROCESSING INDUSTRY	CIVIL ENGINEERING	B.E.	STREAM B	Mr. KIRAN B M	Mr. BHUVAN GOWDA A H Ms. BINDU K D Mr. VINOOTH A P Mr. PAVAN KUMAR B K	5000.00
57.	43S_BE_2964	INVESTIGATION OF LANDSLIDE IN WESTERN GHATS OF CHIKKAMAGALURU DISTRICT	CIVIL ENGINEERING	B.E.	STREAM A	Mr. RAKESH G K	Mr. PRAJWAL S NAYAKA Mr. RAKSHITH C Ms. SINDHU E S Mr. SYED NABEEL	5000.00
58.	43S_BE_2966	STUDY ON WARM MIX ASPHALT WITH WASTE MATERIALS AS FILLER AND PATCHING OF POTHOLES	CIVIL ENGINEERING	B.E.	STREAM A	Mr. ABHINAG	Ms. DEEPA C B Mr. DHANUSH S N Mr. SRUJAN DEV M D Mr. ANUROOP M GOWDA	5000.00

KSCST : 43<sup>rd</sup> Series of Student Project Programme : Sanctioned Projects

*(Signature)*  
**Dr. C. T. JAYADEVA**  
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*(Signature)*  
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Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	BRANCH	DEGREE	PROJECT STREAM	NAME OF THE GUIDE(S)	NAME OF THE STUDENTS	SANCTIONED AMOUNT (IN RS.)
59.	43S_BE_2970	STUDY OF ELECTRICAL , PHYSICAL AND CHEMICAL CHARACTERISTICS OF NATURAL ESTER IMMERSSED IN TRANSFORMER	MECHANICAL ENGINEERING	B.E.	STREAM B	Mr. SUCHITH KUMAR M.T	Mr. YOGISH S Mr. SANJAY V Mr. YASHVANTH C Y Mr. DARSHAN GARJE G	5000.00
60.	43S_BE_2971	RF DUPLEX WEARABLE ANTENNA FOR HEALTH MONITERING	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	STREAM A	Mrs. NAGAVENI C R	Mr. MADHU BHARGAV Ms. SHRAYYA A P Ms. SURASHI KOULAGI Mr. ULLAS C N	5000.00
61.	43S_BE_4116	AN EVALUATION OF MACHINE LEARNING CLASSIFIERS AND ENSEMBLES FO EARLY PREDICTION OF LUNG CANCER	INFORMATION SCIENCE AND ENGINEERING	B.E.	STREAM A	Mr. KUMAR M V Mrs. DEEPASHRI K S	Ms. MANASA L T Ms. KRUTHIKA S GOWDA Ms. RACHANA H S Ms. RACHANA L R	4000.00

**Note:**

- The sanctioned amount will be sent separately by KSCST to the College in the name of the principal by NEFT transfer. The details of transaction no. and date will be intimated.
- The evaluation of above projects will be conducted at the nodal centres in the month of May / June 2020. Participation in the evaluation process at the nodal centres is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- Further projects will be shortlisted for state level seminar & exhibition which will be conducted during July / August 2020.
- After completion of the projects, the hard copy and soft copy (PDF format only) of the report needs to be sent to KSCST without fail.
- Any corrections with respect to the names of the guide and students should be requested at [spp@kscst.isc.ernet.in](mailto:spp@kscst.isc.ernet.in).

  
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