

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.htm> || Email: [spp@kscst.iisc.ernet.in](mailto:spp@kscst.iisc.ernet.in) || Phone: 080-23341652, 23348840/42/49

## 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_2655	STUDY ON MOISTURE SUSCEPTIBILITY OF HALF WARM BITUMINOUS WITH DIFFERENT FILLERS AND PATCHING OF POTHOLES	CIVIL ENGINEERING	BE	Mr. ABHINAV	Mr. SANTHOSH KUMAR S R Mr. SANDEEP M Mr. SANJAY T C Ms. PAVITHRA T R	5000.00
48	44S_BE_2657	BRAIN-CONTROLLED ROBOT USING MINDWAVE MOBILE	ELECTRONICS AND COMMUNICATION ENGINEERING	BE	Mrs. NAGAVENI C R	Mr. HEVIANTH C R Mr. ABHINAV GOWDA H S Ms. CHAITRARA PG Ms. INCHARAP	7000.00
49	44S_BE_2657	MOPSO BASED CNN FOR KEYWORD SELECTION ON GOOGLE ADS	INFORMATION SCIENCE AND ENGINEERING	BE	Mrs. ANJALI BV	Ms. PRANAVYA KASHYAP MP Ms. NISHA K GOWDA Ms. NITHYASHREE B L 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. MANASATIM 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mode and participation in the online evaluation process is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.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)

*Dr. C. T. Jayadeva*

**Dr. C. T. JAYADEVA**  
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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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### 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_2549	FAKE NEWS DETECTION USING NATURAL LANGUAGE PROCESSING	INFORMATION SCIENCE AND ENGINEERING	B.E.	STREAM A	Mrs. ANJALI B V Mrs. DEEPASHRI K S	Mrs. AKHILA U Ms. CHANDANA M B Ms. SHREEPAVYA B S Ms. AKSHATA ERAPPA NAIK	4000.00
53.	43S_BE_2550	DYNAMIC TRAFFIC RULE VIOLATION DETECTION AND MONITORING SYSTEM WITH SMS FEEDBACK	COMPUTER SCIENCE AND ENGINEERING	B.E.	STREAM A	Ms. SATYABHAMA R	Ms. SACHA H G Ms. BHOOVIKA K Ms. BINDUSHREE C Ms. JEEVA A S	4000.00
54.	43S_BE_2552	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 AHMED Ms. ALFIYA SHAIK	3500.00
55.	43S_BE_2553	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. NIDHIA R Ms. DEEKSHA K N	4000.00
56.	43S_BE_2562	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 GONDA A H Ms. BINDU K D Mr. VINOOOTH A P Mr. PAVAN KUMAR B K	5000.00
57.	43S_BE_2564	INVESTIGATION OF LANDSLIDE IN WESTERN GHATS OF CHIKKAMAGALURU DISTRICT	CIVIL ENGINEERING	B.E.	STREAM A	Mr. RAKESH G K	Mr. PRAJNAL S NAYAKA Mr. RAKSHITH C Ms. SINDHU E S Mr. SYED NABEEL	5000.00
58.	43S_BE_2566	STUDY ON WARM MIX ASPHALT WITH WASTE MATERIALS AS FILLER AND PATCHING OF POTHOLES	CIVIL ENGINEERING	B.E.	STREAM A	Mr. ABHINAV	Ms. DEEPA C B Mr. DHANUSH S N Mr. SRUJAN DEV M D Mr. ANUROOP M GOWDA	5000.00

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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 IMMERSERD 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	6000.00
60.	43S_BE_2971	RF DUPLEX WEARABLE ANTENNA FOR HEALTH MONITORING	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	STREAM A	Mrs. NAGAVENI C R	Mr. MADHU BHARGAV Ms. SHRAVYA A P Ms. SURABHI 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. MANASAL 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.lisc.ernet.in](mailto:spp@kscst.lisc.ernet.in).

*CT Jayadev*  
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