

Students Project Grant Summary as on

Sl. No.	Granting Authority	Number of Projects	Amount Sanctioned (Rs)
I	KSCST	171	9,71,000.00
II	VGST	05	54,80,000.00
III	VTU	14	65,000.00
IV	ISTE	02	3,05,000.00
V	MSME	01	6,50,00,000.00
VI	IT & BT	01	1,20,00,000.00
VII	DST	01	9,17,000.00
VIII	AICTE SPICES	Fund	2,00,000.00
TOTAL			8,49,38,000.00

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

57. G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
360.	44S_BE_1082	MOLECULAR CHARACTERISATION OF PLANT GROWTH PROMOTING BACTERIA ISOLATED FROM THE RHIZOSPHERE OF ARECA CATECHU L. PLANTATION	BIOTECHNOLOGY	B.E.	Dr. PAVAN KJ Dr. PRAKASH K K	Ms. MEGHANA M Ms. RANJITHA H Mr. SHUBHAM REVANKAR Mr. SUHAS S V	6000.00
361.	44S_BE_1083	PRODUCTION AND COMMERCIALIZATION OF ETHYL LEVULINATE, A BIO-ADDITIVE FROM SUGARCANE BAGASSE	BIOTECHNOLOGY	B.E.	Dr. GURUMURTHY D M Mr. SACHIN C L	Ms. ASHWINI S Ms. AFIFA ARFINE Ms. PRERANA B G Mr. M S RENUKARADYA	6000.00
362.	44S_BE_1093	PRODUCTION OF DIFFERENT BIODIESEL FUEL AND PERFORMANCE ANALYSIS OF CI ENGINE	MECHANICAL ENGINEERING	B.E.	Dr. BASAVARAJAPPA D N	Mr. SAGAR H G Mr. HARSHA C S Mr. BHARATH T G Mr. VINAYAK S P	5500.00
363.	44S_BE_1097	IMAGE-BASED DIAGNOSIS OF COVID-19	COMPUTER SCIENCE AND ENGINEERING	B.E.	Mr. RUDRESH N C	Ms. APOORVA M R Ms. KAVANA D K Mr. VINAYAK H K Ms. RANJITHA K R	3000.00
364.	44S_BE_1102	SWARM BASED SOCIAL INTERNET OF THINGS	INFORMATION SCIENCE AND ENGINEERING	B.E.	Dr. NEELAMBIKES	Mr. SAI BHARATH L U Mr. CHETHAN D R Ms. HARSHITHA G B Ms. VINANTHI K R	4500.00
365.	44S_BE_1105	SUSTAINABLE IRRIGATION USING SENSORS FOR ARECA CROP TO INCREASE YIELD AND CONSERVE WATER	CIVIL ENGINEERING	B.E.	Dr. MOHAMMAD YASEEN	Mr. DHARSHAN M C Mr. LOHITH H LAKKOL Ms. PALLAVI C P Ms. VARSHA N KULKARNI	7000.00
366.	44S_BE_1106	RECTIFICATION OF ACCIDENTAL BLACK SPOTS AND REMEDIAL MEASURES FOR TRAFFIC SAFETY IN DAVANAGERE SMART CITY	CIVIL ENGINEERING	B.E.	Dr. MOHAMMED YASEEN	Mr. AFNANKHAN A BADAGI Ms. POOJA B.M Ms. POOJA S SOMANAHALLI Mr. VIJAY C B	6000.00
367.	44S_BE_1107	AN EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF FIBROUS FERRO CEMENT	CIVIL ENGINEERING	B.E.	Mr. Y B BHARATHARAJ ETIGI	Mr. ZABIJULLA TUMMINKATTI Ms. RASHMI C Ms. SHWETHA S Mr. IBRAHIM KHALEEL	6000.00
368.	44S_BE_1114	IOT BASED SMART GLOVE FOR THE DIFFERENTLY-ABLED PEOPLE	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Prof. NAGAVENI S A	Ms. NAYANA M C Ms. ANUSHA M S Ms. CHANDANA B M Ms. CHANDANA H	5000.00

			SCIENCE AND ENGINEERING			Ms. PRIYANKA M. N Mr. PRADEEP KUMAR B. S	
370.	44S_BE_2553	DEVELOPMENT OF PHOTONIC BASED POINT-OF-CARE DEVICE FOR DETECTION OF BACTERIAL AND VIRAL PATHOGENS	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Dr. RAJASHEKHAR B SOMASAGAR	Mr. VENKATESH G T Mr. RAKESH S G Mr. VIVEK S V Mr. PAKEERESH S R	6000.00
371.	44S_BE_2559	IMPLEMENTATION OF COMPACT MULTIBAND FREQUENCY RECONFIGURABLE PLANAR ANTENNA FOR X BAND APPLICATIONS	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. RAJENDRA S SOLONI	Ms. PREETHI B Ms. UMMERUMANA A BHAIKADAR Ms. POOJA P HEBBER Ms. SOUNDARYYA D H	5000.00
372.	44S_BE_2562	DECIPHERING GROUNDWATER POTENTIAL ZONE IN HARIDRA RIVER OF HARIHARA TALUK, DAVANAGERE DISTRICT USING REMOTE SENSING AND GIS	CIVIL ENGINEERING	B.E.	Dr. ARUN KUMAR S L	Ms. ROOPA G R Mr. AARON JOYSON D Mr. HARSHA G H Ms. TANMAYI M R	6000.00
373.	44S_BE_2564	THE MECHANICAL PROPERTIES OF POLYPROPYLENE FIBER REINFORCED CONCRETE WITH SILICA FUME AS A PARTIAL REPLACEMENT OF CEMENT	CIVIL ENGINEERING	B.E.	Mr. HANUMESH BM	Mr. RAGHAVENDRA G Mr. RAMKUMAR H Mr. AMITH D A Ms. SRIVAMSHI CHOWDARY P	6000.00
374.	44S_BE_2566	BUS RAPID TRANSIT SYSTEM IN DAVANAGERE CITY	CIVIL ENGINEERING	B.E.	Mr. KIRAN KUMAR CM	Mr. PRATHEEK B K Ms. NIVEDITHA KC Ms. VARSHINI K Mr. VEERESH S R	4000.00
375.	44S_BE_2571	ARECA SHEATH: AN INNOVATIVE MATERIAL FOR ACOUSTICS AND NOISE CONTROL	MECHANICAL ENGINEERING	B.E.	Dr. SRINIVASA C V Dr. G H PUJAR	Mr. BHARATH SHARMA Ms. BHOMIKA D Ms. SAHYADRI KALLIMANI Mr. NAVEEN K	6000.00
376.	44S_BE_2573	DESIGN AND FABRICATION OF AUTOMATIC SEPTIC TANK FOR RAILWAY BOGIES	MECHANICAL ENGINEERING	B.E.	Mr. SURESH BABU S U	Mr. SOHAIL AHMED D Mr. SYED SHOYEB K Mr. SRINIDHI V SINGANAMALLI Mr. MOHAMMED MUSTAFEEZ K A	6000.00
377.	44S_BE_3649	STUDENT ATTENDANCE SYSTEM USING FACE DETECTION AND RECOGNITION	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mrs. MANJULA B K Mrs. VENKATA SUMANA C H	Ms. ANUSHA K S Ms. KAVYASHREE M KALAL Ms. ANANYA H DODDAGAUDAR Ms. BINDU S P	5000.00
378.	44S_BE_4048	EXPERIMENTAL INVESTIGATION ON FRACTURE TOUGHNESS OF NATURAL FIBER REINFORCED POLYMER COMPOSITES FOR ORTHOPEDIC APPLICATIONS	MECHANICAL ENGINEERING	B.E.	Mr. MANJUNATHA G B	Mr. YUVARAJ N USN Mr. SACHIN WADDAR Mr. SACHIN MALAGI Mr. THIPPESH S K USN	6000.00
379.	44S_BE_4049	EXTRACTION OF ANTI-ODOUR COMPOUND FROM ARABIDOPSIS THALIANA AND TREATING FOUL SMELL IN RECYCLED SWEAGE WATER	BIOTECHNOLOGY	B.E.	Dr. H GURUMURTHY	Ms. MEGHANA L Ms. PRAMOD BHAVANCOOR	7000.00

Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of above projects will be conducted during May / June 2021 via online mode.
- Participation in the online evaluation process and submission of softcopy of the final project report is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, softcopy (PDF format in a single file) 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.iisc.ernet.in.

Karnataka State Council for Science and Technology
Indian Institute of Science campus, Bengaluru

44th Student Project Programme
Online Evaluation

Total number of Projects: MECHANICAL ENGINEERING - 29

Date: 2nd August 2021

Time: 10.00 am

Sl. No:	PROJECT REFERENCE No.	PROJECT TITLE	COLLEGE	GUIDE	STUDENTS
1	44S_BE_2728	DESIGN AND FABRICATION OF PIEZOELECTRIC ENERGY HARVESTER FROM PRESSURE FORCES IN AUTOMOTIVE TYRES.	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. NARASIMHE GOWDA	Mr. PREETAM B R Mr. SANJAY V K Mr. SUBRAMANI V Mr. SHASHIKANT RATHOD
2	44S_BE_2798	DEVELOPMENT AND FABRICATION OF BIO COMPOSITE HELMET	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. V R SRINIVASAN	Mr. ANURAG RANJAN Mr. AKSHAY PRIYAM Mr. AMAN ISLAM Mr. VISHRUTH MURALI
3	44S_BE_2804	SYNTHESIS & EVALUATION OF WASTE PET PLASTIC REINFORCED POLYMER COMPOSITES BY 3D PRINTING TECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. R. KESHAVAMURTHY	Mr. CHILAKA SAI SUMANTH Mr. FAISAL RAMZAN Mr. HEET KISHOR SOVASARIA Mr. JAYESH B JADHAV
4	44S_BE_2051	SOLAR POWERED WHEEL CHAIR WITH BLUETOOTH CONTROLLER FOR AGED AND PHYSICALLY CHALLENGED PEOPLE	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. K C ANANTHAPADMANABHAN	Mr. ANIRUDHA M Mr. CHANDAN G Mr. CHIRANJEEVI Mr. CHETHAN HR
5	44S_BE_2052	APPLICATION OF "PNEUMATIC EXO-ARMS" USED IN ROBOTS	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. K C ANANTHAPADMANABHAN	Mr. RACHITH GURU Mr. PAVAN H BHARADWAJ Mr. NIKHIL B Mr. PREETHESH P S
6	44S_BE_3059	FATIGUE TESTING OF HIGH ENTROPY ALLOY SUBJETED TO CORROSION	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. T SRINATH Mr. RAJESH CHANDRA	Mr. RONITH B Mr. M SHRIDUTT Mr. PRASAD S BILAGI Mr. SAGAR H M
7	44S_BE_2209	ALUMINIUM FUEL CELL TECHNOLOGY WITH EFFECTIVE AND EFFICIENT DESIGN FOR MOBILE, STATIONARY AND PORTABLE APPLICATIONS	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. KARTHIK R	Mr. GOBIND KUMAR YADAV Mr. MD ARIYAN Mr. AROOP ASTHANA Mr. YOUNUS MAQBOOL WAGAY
8	44S_BE_4230	DESIGN AND IMPACT ANALYSIS OF AUTOMOTIVE CAR FRONT BUMPER MADE OF COMPOSITE MATERIAL	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. NITHIN S K	Mr. NAVEEN S A Mr. PRASHANTH GOWDA B S Mr. PAVAN G Mr. RANJITH KUMAR K V
9	44S_BE_3197	DESIGN AND FABRICATION OF MULTIPLE GRINDING MACHINE FOR VARIOUS APPLICATIONS (INDUSTRY AND MEDICAL FIELD)	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Dr. CHANDAN B R	Mr. RAKESH M V Mr. NAGARAJU L
10	44S_BE_3199	FABRICATION OF FDM 3D PRINTER	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mr. SUDHIR B S	Mr. PAVANRAJU M S Mr. SARAVANAN G Ms. PRATIBHA N P Mr. AKASH S
11	44S_BE_3201	DESIGN AND FABRICATION OF SOLAR POWERED WATER PURIFIER	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mr. PAVAN C M	Mr. LOKESH P GOWDA Mr. MAHESHA S Mr. SANJAY D Mr. KARTHIK KUMAR K S
12	44S_BE_2571	ARECA SHEATH: AN INNOVATIVE MATERIAL FOR ACOUSTICS AND NOISE CONTROL	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. SRINIVASA C V Dr. G H PUJAR	Mr. BHARATH SHARMA Ms. BHOOMIKA D Ms. SAHYADRI KALLIMANI Mr. NAVEEN K

13	44S_BE_2573	DESIGN AND FABRICATION OF AUTOMATIC SEPTIC TANK FOR RAILWAY BOGIES	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. SURESH BABU S U	Mr. SOHAIL AHMED D Mr. SYED SHOYEB K Mr. SRINIDHI V SINGANAMALLI Mr. MOHAMMED MUSTAFEEZ K A
14	44S_BE_4048	EXPERIMENTAL INVESTIGATION ON FRACTURE TOUGHNESS OF NATURAL FIBER REINFORCED POLYMER COMPOSITES FOR ORTHOPEDIC APPLICATIONS	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. MANJUNATHA G B	Mr. YUVARAJ N USN Mr. SACHIN WADDAR Mr. SACHIN MALAGI Mr. THIPPESH S K USN
15	44S_BE_1711	SEMI-AUTOMATED PREPARATION OF PADDY SEEDLING MATS	GOVERNMENT ENGINEERING COLLEGE, K.R. PET, MANDYA	Mrs. SOWJANYA N SMr. MANIL RA	Mr. SHASHANK G Mr. VIDHYA SAGAR R Mr. SACHINDEV J Mr. SHIVKUMAR
16	44S_BE_0956	DESIGN AND DEVELOPMENT OF SOLAR WATER PURIFIER	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. PARMESHWAR PATIL	Mr. RAKESH PATIL Mr. RAVITEJA BORALKAR Mr. SANDEEP HILALPURE Mr. RITESH BASHETTY
17	44S_BE_3159	DESIGN AND FABRICATION OF BATTERY OPERATED PADDY TRANSPLANTING MACHINE	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. SANGAMESH SIRSGI	Mr. GANESH Mr. ARUN MANTHALE Mr. BIRADAR SHRINIVAS
18	44S_BE_0557	INVESTIGATION OF MECHANICAL PROPERTIES OF NATURAL AND HYBRID COMPOSITE MATERIAL USING GP RESIN	HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAIVI	Prof. M M SHIVASHIMPI	Mr. SURESH NAGANURI Mr. PRATEEK SHETTI Mr. SHUSHIL VARUTE Mr. AKSHAY ARALIMATTI
19	44S_BE_0296	INERTIA INTERMITTENT TRIGGERING SYSTEM IN E-VEHICLE TO BOOST BATTERY BACKUP	V.S.M. INSTITUTE OF TECHNOLOGY, NIPPANI	Prof. BASAVARAJ K. KAROSHI	Mr. SHARVIL RAJESH SHAH Mr. SHUBHAM SUBHASH GHADI Mr. PRANAY PURUSHOTTAM MALIK
20	44S_BE_0299	DESIGN AND DEVELOPMENT OF CONTACTLESS DISPOSAL MACHINE FOR MASK AND SAP(SUPER ABSORBENT POLYMER) MATERIALS	V.S.M. INSTITUTE OF TECHNOLOGY, NIPPANI	Prof. MAHADEV N. HARKUDE	Mr. SHUBHAM SHREEKANT KUTTE Mr. NITIN BAPUSAB JAGATAP Mr. SURAJ ISHWAR SULEBHAVI Mr. SACHIN RAJENDRA KUMBHOJE
21	44S_BE_0302	SMART BIKE WITH ACCIDENTAL SAFETY SYSTEM	V.S.M. INSTITUTE OF TECHNOLOGY, NIPPANI	Prof. MAHADEV N HARKUDE	Ms. RAIYAN M SATARE Ms. SHREYA S SANGAONKAR Mr. VINAYAK MAGADUM Mr. SHIVARAJ DHAKE
22	44S_BE_0303	DESIGN AND DEVELOPMENT OF SMART ROBO FOR SOP OF COVID-19	V.S.M. INSTITUTE OF TECHNOLOGY, NIPPANI	Prof. MAHADEV N HARKUDE	Mr. MALIKHAN R PEERAJADE Mr. SAHIL RANADIVE Mr. DODDABASAYYA Mr. PRASHANT PATIL
23	44S_BE_0305	ADVANCED PNEUMATIC FOR LIFTING AND GROUND CLEARANCE TECHNIQUE IN CAR	V.S.M. INSTITUTE OF TECHNOLOGY, NIPPANI	Mr. IRAGOUDA D. PATIL	Mr. NISARG AJAYKUMAR MEHTA Mr. BHAGYESH RAJU PATIL Mr. ARIF NURMAHAMAD MULLA
24	44S_BE_2848	DESIGN, FABRICATION & TESTING OF VERTICAL AXIS WIND TURBINE INSPIRED BY YIN AND YANG DESIGN	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Prof. AMRUTH E	Mr. DHANUSH KUMAR K K Mr. H B NISHANTH Ms. FAIZAN ANJUM Mr. PRASANNA KUMAR S
25	44S_BE_2849	DESIGN AND FABRICATION OF WATER HYACINTH REMOVAL MACHINE	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Prof. RAKSHITH GOWDA D S	Mr. VISHWAS MEHTA Mr. ADITYA SINGH Mr. SONU PRAJWAL V Mr. DEEKSHITH GOWDA J
26	44S_BE_2853	DESIGN AND FABRICATION OF HYBRID VERTICAL TAKEOFF AND LANDING (VTOL) AIRCRAFT TO AID MEDICAL TRANSPORT DURING EMERGENCIES	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. RISHI J P	Mr. BHARATH S Mr. RAHUL N Mr. SHAMANTH K Ms. VAISHNAVI SRIVATSA V
27	44S_BE_3254	OPTIMUM CAPACITY UTILISATION OF SOLAR PUMP BY CONJUGATE AND ALTERNATIVE APPLICATIONS	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. S A MOHANKRISHNA Mr. ANIL KUMAR NADIGER	Mr. C P KARAN SOMAIAH Mr. SOMANNA C K Mr. SOMANNA K K Mr. VARUN C

28	44S_BE_3954	DESIGN AND FABRICATION OF ENDURANCE ENHANCEMENT EXOSKELETON	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Mr. MUTHURAJU N P	Mr. SRIKANTH M S Mr. M. PRADYUT RAO Mr. SUHAN V Mr. VISHAL P BHARADWAJ
29	44S_BE_3499	ALUMINUM AIR PLUG IN HYBRID MOTORCYCLE	VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. RAKESH B S	Mr. PRADEEP E P Mr. PREETHAM B Mr. VATAN SINGH



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

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1082

Ref : Your Project Proposal entitled " **MOLECULAR CHARACTERISATION OF PLANT GROWTH PROMOTING BACTERIA ISOLATED FROM THE RHIZOSPHERE OF ARECA CATECHU L. PLANTATION**

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. Meghana M	Budget	
		Particulars	Amount (Rs.)
	Ms. Ranjitha H		
	Mr. Shubham Revankar	Materials/Consumables	4,000.00
	Mr. Suhas S V	Labour	500.00
Guide/s	Dr. Pavan Kj	Travel	500.00
	Dr. Prakash K K	Miscellaneous	500.00
Department	Biotechnology	Report	500.00
		Total	6,000.00
SIX 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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Pavan Kj
Department of Biotechnology
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: 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

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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

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1083

Ref : Your Project Proposal entitled " **PRODUCTION AND COMMERCIALIZATION OF ETHYL LEVULINATE, A BIO-ADDITIVE FROM SUGARCANE BAGASSE**

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. Ashwini S	Budget	
		Particulars	Amount (Rs.)
	Ms. Afifa Arfine		
	Ms. Prerana B G	Materials/Consumables	4,000.00
	Mr. M S Renukaradya	Labour	500.00
Guide/s	Dr. Gurumurthy D M	Travel	500.00
	Mr. Sachin C L	Miscellaneous	500.00
Department	Biotechnology	Report	500.00
		Total	6,000.00
SIX 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.
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- 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)
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- 6) Introduction / background
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- 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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Gurumurthy D M
Department of Biotechnology
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1093

Ref : Your Project Proposal entitled " **PRODUCTION OF DIFFERENT BIODIESEL FUEL AND PERFORMANCE ANALYSIS OF CI ENGINE**

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. Sagar H G	Budget	
		Particulars	Amount (Rs.)
Student / s	Mr. Harsha C S		
	Mr. Bharath T G	Materials/Consumables	3,500.00
	Mr. Vinayak S P	Labour	500.00
	Dr. Basavarajappa D N	Travel	500.00
Guide/s		Miscellaneous	500.00
	Mechanical Engineering	Report	500.00
Department		Total	5,500.00
FIVE THOUSAND FIVE HUNDRED 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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Basavarajappa D N
Department of Mechanical Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: 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: 080-23341652, 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

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1097

Ref : Your Project Proposal entitled " **IMAGE-BASED DIAGNOSIS OF COVID-19** "

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:

Students	Ms. Apoorva M R Ms. Kavana D K Mr. Vinayak H K Ms. Ranjitha K R	Budget	
		Particulars	Amount (Rs)
Guide/s	Mr. Rudresh N C	Travel	-
		Miscellaneous	500.00
Department	Computer Science And Engineering	Report	500.00
		Total	3,000.00
THREE 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 points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

44S_BE_1097

(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 following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

COMPARE THE RESULTS WITH CLINICAL DATA

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. Hemanth Kumar)

Copy to (by email):

1) Dr. Srinivas C V
SPP Coordinator

G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006

2) Mr. Rudresh N C
Department of Computer Science And Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006

3) The Finance Officer, KSCST, Bengaluru

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1102

Ref : Your Project Proposal entitled " **SWARM BASED SOCIAL INTERNET OF THINGS**

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. Sai Bharath L U Mr. Chethan D R Ms. Harshitha G B Ms. Vinanthi K R	Budget	
		Particulars	Amount (Rs.)
Guide/s	Dr, Neelambikes	Travel	500.00
		Miscellaneous	500.00
Department	Information Science And Engineering	Report	500.00
		Total	4,500.00
FOUR THOUSAND FIVE HUNDRED 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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr, Neelambikes
Department of Information Science And Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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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

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1105

Ref : Your Project Proposal entitled " **SUSTAINABLE IRRIGATION USING SENSORS FOR ARECA CROP TO INCREASE YIELD AND CONSERVE WATER**

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. Dharshan M C	Budget	
		Particulars	Amount (Rs.)
Student / s	Mr. Lohith H Lakkol		
	Ms. Pallavi C P	Materials/Consumables	5,000.00
	Ms. Varsha N Kulkarni	Labour	500.00
	Dr. Mohammad Yaseen	Travel	500.00
Guide/s		Miscellaneous	500.00
		Report	500.00
Department	Civil Engineering	Total	7,000.00
SEVEN 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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Mohammad Yaseen
Department of Civil Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1106

Ref : Your Project Proposal entitled " **RECTIFICATION OF ACCIDENTAL BLACK SPOTS AND
REMEDIAL MEASURES FOR TRAFFIC SAFETY IN
DAVANAGERE SMART CITY**

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. Afnankhan.A.Badagi	Budget	
		Particulars	Amount (Rs.)
	Ms. Pooja.B.M		
	Ms. Pooja S Somanahalli	Materials/Consumables	4,000.00
	Mr. Vijay.C.B	Labour	500.00
Guide/s	Dr. Mohammed Yaseen	Travel	500.00
		Miscellaneous	500.00
Department	Civil Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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- 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.

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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 (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Mohammed Yaseen
Department of Civil Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1107

Ref : Your Project Proposal entitled " **AN EXPERIMENTAL INVESTIGATION ON STRENGTH PROPERTIES OF FIBROUS FERRO CEMENT**

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. Zabiulla Tumminatti	Budget	
		Particulars	Amount (Rs.)
	Ms. Rashmi C		
	Ms. Shwetha S	Materials/Consumables	4,000.00
	Mr. Ibrahim Khaleel	Labour	500.00
Guide/s	Mr. Y B Bharatharaj Etigi	Travel	500.00
		Miscellaneous	500.00
Department	Civil Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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- 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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Mr. Y B Bharatharaj Etigi
Department of Civil Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1114

Ref : Your Project Proposal entitled " **IOT BASED SMART GLOVE FOR THE DIFFERENTLY-ABLED PEOPLE**

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. Nayana M C	Budget	
		Particulars	Amount (Rs.)
	Ms. Anusha M S		
	Ms. Chandana B M	Materials/Consumables	3,000.00
	Ms. Chandana H	Labour	500.00
Guide/s	Prof. Nagaveni S A	Travel	500.00
		Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Prof. Nagaveni S A
Department of Electronics And Communication Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

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Mr. H. Hemanth Kumar
Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2545

Ref : Your Project Proposal entitled " **FACE MASK DETECTION AND THERMAL SCANNER FOR COVID CARE**

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:

Students	Particulars	Budget	
		Amount (Rs)	
Ms. Rithika Reddy V. B	Materials/Consumables	3,000.00	
Mr. Karthik M Hadagali	Labour	-	
Ms. Priyanka M. N	Travel	-	
Mr. Pradeep Kumar B. S	Miscellaneous	500.00	
Guide/s	Report	500.00	
	Total	4,000.00	
Department	Computer Science And Engineering		
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.
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- 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 points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

44S_BE_2545

(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 following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

DEMO OF THE PROJECT WITH LIVE CAMERA WITH MASK DETECTION

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. Hemanth Kumar)

Copy to (by email):

1) Dr. Srinivas C V

SPP Coordinator

G.M. Institute Of Technology

Post Box No. 4

P. B. Road

Davanagere – 577 006

2) Mr. Sandeepa G S

Department of Computer Science And Engineering

G.M. Institute Of Technology

Post Box No. 4

P. B. Road

Davanagere – 577 006

3) The Finance Officer, KSCST, Bengaluru

Encl: 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: 080-23341652, 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

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2553

Ref : Your Project Proposal entitled " **DEVELOPMENT OF PHOTONIC BASED POINT-OF-CARE DEVICE FOR DETECTION OF BACTERIAL AND VIRAL PATHOGENS**

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. Venkatesh G T	Budget	
		Particulars	Amount (Rs.)
	Mr. Rakesh S G		
	Mr. Vivek S V	Materials/Consumables	4,000.00
	Mr. Pakeeresh S R	Labour	500.00
Guide/s	Dr. Rajashekhar B Somasagar	Travel	500.00
		Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	6,000.00
SIX 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.
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- 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.)

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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 (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Rajashekhar B Somasagar
Department of Electronics And Communication Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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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

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2559

Ref : Your Project Proposal entitled "**IMPLEMENTATION OF COMPACT MULTIBAND FREQUENCY RECONFIGURABLE PLANAR ANTENNA FOR X BAND APPLICATIONS**"

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. Preethi I B	Budget	
		Particulars	Amount (Rs.)
	Ms. Ummerumana A Bhairakadar	Materials/Consumables	3,000.00
	Ms.Pooja P Hebber	Labour	500.00
	Ms. Soundaryya D H	Travel	500.00
Guide/s	Mr. Rajendra S Soloni	Miscellaneous	500.00
		Report	500.00
Department	Electronics And Communication Engineering	Total	5,000.00
		FIVE THOUSAND RUPEES ONLY	

The following are the guidelines to carryout the project work :

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 - 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. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Mr. Rajendra S Soloni
Department of Electronics And Communication Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2562

Ref : Your Project Proposal entitled " **DECIPHERING GROUNDWATER POTENTIAL ZONE IN HARIDRA RIVER OF HARIHARA TALUK, DAVANAGERE DISTRICT USING REMOTE SENSING AND GIS**

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. Roopa G R	Budget	
		Particulars	Amount (Rs.)
	Mr. Aaron Joyson D		
	Mr. Harsha G H	Materials/Consumables	4,000.00
	Ms. Tanmayi M R	Labour	500.00
Guide/s	Dr. Arun Kumar S L	Travel	500.00
		Miscellaneous	500.00
Department	Civil Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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 - Title of the project
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 - 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.)

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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Arun Kumar S L
Department of Civil Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2564

Ref : Your Project Proposal entitled " **THE MECHANICAL PROPERTIES OF POLYPROPYLENE FIBER REINFORCED CONCRETE WITH SILICA FUME AS A PARTIAL REPLACEMENT OF CEMENT**

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. Raghavendra G	Budget	
		Particulars	Amount (Rs.)
Student / s	Mr. Ramkumar H		
	Mr. Amith D A	Materials/Consumables	4,000.00
	Ms. Srivamshi Chowdary P	Labour	500.00
	Mr. Hanumesh Bm	Travel	500.00
Guide/s		Miscellaneous	500.00
		Report	500.00
Department	Civil Engineering	Total	6,000.00
SIX THOUSAND RUPEES ONLY			

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 - 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.)

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Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Mr. Hanumesh Bm
Department of Civil Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2566

Ref : Your Project Proposal entitled " **BUS RAPID TRANSIT SYSTEM IN DAVANGERE CITY**

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. Pratheek B K	Budget	
		Particulars	Amount (Rs.)
	Ms. Niveditha Kc		
	Ms. Varshini K	Materials/Consumables	2,000.00
	Mr. Veeresh S R	Labour	500.00
Guide/s	Mr. Kiran Kumar Cm	Travel	500.00
		Miscellaneous	500.00
Department	Civil Engineering	Report	500.00
		Total	4,000.00
FOUR THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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 - 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.

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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 (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Mr. Kiran Kumar Cm
Department of Civil Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2571

Ref : Your Project Proposal entitled " **ARECA SHEATH: AN INNOVATIVE MATERIAL FOR ACOUSTICS AND NOISE CONTROL**

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. Bharath Sharma	Budget	
		Particulars	Amount (Rs.)
	Ms. Bhoomika D		
	Ms. Sahyadri Kallimani	Materials/Consumables	4,000.00
	Mr. Naveen K	Labour	500.00
Guide/s	Dr. Srinivasa C V	Travel	500.00
	Dr. G H Pujar	Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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- 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.)

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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 (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Dr. Srinivasa C V
Department of Mechanical Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



Karnataka State Council for Science and Technology

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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2573

Ref : Your Project Proposal entitled " **DESIGN AND FABRICATION OF AUTOMATIC SEPTIC TANK FOR RAILWAY BOGIES**

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. Sohail Ahmed D	Budget	
		Particulars	Amount (Rs.)
Student / s	Mr. Syed Shoyeb K		
	Mr. Srinidhi V Singanamalli	Materials/Consumables	4,000.00
	Mr. Mohammed Mustafeez K A	Labour	500.00
	Mr. Suresh Babu S U	Travel	500.00
Guide/s		Miscellaneous	500.00
		Report	500.00
Department	Mechanical Engineering	Total	6,000.00
SIX THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

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- 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.
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 - 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.

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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 (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Mr. Suresh Babu S U
Department of Mechanical Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: 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: 080-23341652, 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

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_3649

Ref : Your Project Proposal entitled " **STUDENT ATTENDANCE SYSTEM USING FACE DETECTION AND RECOGNITION**

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 K S	Budget	
		Particulars	Amount (Rs.)
	Ms. Kavyashree M Kalal		
	Ms. Ananya H Doddagoudar	Materials/Consumables	3,000.00
	Ms. Bindu S P	Labour	500.00
Guide/s	Mrs. Manjula B K	Travel	500.00
	Mrs. Venkata Sumana C H	Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		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.

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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 (by email):

- 1) Dr. Srinivas C V
SPP Coordinator
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 2) Mrs. Manjula B K
Department of Electronics And Communication Engineering
G.M. Institute Of Technology
Post Box No. 4
P. B. Road
Davanagere – 577 006
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above



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Mr. H. Hemanth Kumar
Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_4048

Ref : Your Project Proposal entitled " **EXPERIMENTAL INVESTIGATION ON FRACTURE TOUGHNESS OF NATURAL FIBER REINFORCED POLYMER COMPOSITES FOR ORTHOPEDIC APPLICATIONS**

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:

Students	Mr. Yuvaraj N Usn	Budget	
		Particulars	Amount (Rs)
	Mr. Sachin Waddar		
	Mr. Sachin Malagi	Materials/Consumables	4,000.00
	Mr. Thippesh S K Usn	Labour	500.00
Guide/s	Mr. Manjunatha G B	Travel	500.00
		Miscellaneous	500.00
Department	Mechanical Engineering	Report	500.00
		Total	6,000.00
SIX 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.
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- 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 points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

44S_BE_4048

- 5) 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 following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

PROVIDE COMPARATIVE VALUES OF ANY ONE OF THE FRACTURE TOUGHNESS PARAMETERS: 1. CONVENTIONAL ORTHO MATERIAL. 2. NATURAL FRP PROPOSED. 3. NATURAL FRP PROPOSED IN VITRO (SIMULATED ENVIRONMENT)

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

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Mr. H. Hemanth Kumar

Executive Secretary

22nd April 2021

Ref: 7.1.01/SPP/10

The Principal
G.M. Institute of Technology
Post Box No. 4
P. B. Road
Davanagere - 577 006

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_4049

Ref : Your Project Proposal entitled " **EXTRACTION OF ANTI-ODOUR COMPOUND FROM ARABIDOPSIS THALIANA AND TREATING FOUL SMELL IN RECYCLED SWEAGE WATER**

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. Meghana L Ms. Pramod Bhavanoor	Budget	
		Particulars	Amount (Rs.)
		Materials/Consumables	5,000.00
		Labour	500.00
Guide/s	Dr. H Gurumurthy	Travel	500.00
		Miscellaneous	500.00
Department	Biotechnology	Report	500.00
		Total	7,000.00
SEVEN 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.
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 - 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.)

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1) Dr. Srinivas C V

SPP Coordinator

G.M. Institute Of Technology

Post Box No. 4

P. B. Road

Davanagere – 577 006

2) Dr. H Gurumurthy

Department of Biotechnology

G.M. Institute Of Technology

Post Box No. 4

P. B. Road

Davanagere – 577 006

3) The Finance Officer, KSCST, Bangalore

Encl: As Above