



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

11th May, 2022

Ref: 7.1.01/SPP/91

The Principal,
Jawaharlal Nehru New College of Engineering,
Navale,
Shivamogga - 577 204.

Dear Sir/Madam,

Sub : Sanction of Student Project - 45th Series: Year 2021-2022

Project Proposal Reference No. : 45S_BE_2211

Ref : Project Proposal entitled **AIRPURITY METER - A COMPACT DEVICE FOR AIR PURITY INDICATION AND PREDICTION**

We are pleased to inform that your student project proposal referred above, has been approved by the Council under "Student Project Programme - 45th Series". The project details are as below:

Student(s)	Ms. NIDHISHREE M P	Department	COMPUTER SCIENCE AND ENGINEERING
	Ms. CHETANA PRABHU H		
	Ms. SMRUTHI K S		
	Ms. ANANYA V BHATT		
Guide(s)	Mr. CHETAN K R	Sanctioned Amount (in Rs.)	6,000.00

Instructions:

- The project should be performed based on the objectives of the proposal submitted.
- Any changes in the project title, objectives or students team is liable for rejection of the project and your institution shall return the sanctioned funds to KSCST.
- Please quote your project reference number printed above in all your future correspondences.
- After completing the project, 2 to 3 page write-up (synopsis) needs to be uploaded on to the following Google Forms link <https://forms.gle/YMn9K7XETu96i8KbA>. The synopsis should include following:
 - Project Reference Number
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords
 - Introduction / background (with specific reference to the project, work done earlier, etc) - about 20 lines
 - Objectives (about 10 lines)

- 8) Methodology (about 20 lines on materials, methods, details of work carried out, including drawings, diagrams etc)
 - 9) Results and Conclusions (about 20 lines with specific reference to work carried out)
 - 10) Scope for future work (about 20 lines).
- e) In case of incometed projects, the sanctioned amount shall be returned to KSCST.
 - f) The sanctioned amount will be transferred by NEFT to the bank account provided by the College/Institute.
 - g) The sponsored projects evaluation will be held in the Nodal Centre/Online Mode and the details of the same will be intimated shortly by email / Website announcement.
 - h) After completion of the project, soft copy of the project report duly signed by the Principal, the HoD, Guide(s) and studetn(s) shall be uploaded in the following Google Forms Link <https://forms.gle/PciAaAVisn6bn8AM7>. The report should be prepared in the format prescribed by the university.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The HoD
COMPUTER SCIENCE AND ENGINEERING
JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA
- 2) Mr. CHETAN K R
COMPUTER SCIENCE AND ENGINEERING
JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA
- 3) THE ACCOUNTS OFFICER
KSCST, BENGALURU

National Education Society®
J.N.N College of Engineering, Shivamogga
NewGen Innovation Entrepreneurship Development Centre
(Funded by NSTEDB, DST, Government of India & Implemented by EDII, Ahmedabad)

JNNCE-NewGen IEDC-Batch-2 Result:

Date: 11-11-2020

SI No	Project Title	Guide
01	Development of a Readymade pothole mix for distressed pavements	Mr. Arun V Asst.Prof, Civil Eng Dept Mr. Anirudh N Asst.Prof, Civil Dept
02	Kerb side parking management using smart mats	Akshatha M Asst.Prof, Civil Eng Dept
03	Barn House Hygienic Management Robo	Mr. Arun Kumar K L Asst.Prof, M.C.A Dept
04	Smart Vaccine Alert System using IoT and QRCode technologies	Dr. Chethan K R Assoc.Prof, Computer Science Dept
05	Design and Fabrication of Vacuum assisted waste collector for campus roads cleaning	Dr. K.Sabeel Ahmed Prof, Mechanical Eng Dept Dr. Manjunatha Chary G.H Asst.Prof, Mechanical Eng Dept
06	Development of microbial consortia for composting the biomass residue	Dr. Sughosh P Assoc.Prof, Civil Eng Dept Mr. Chethan S G Asst.Prof, Chemistry Dept
07	DRONE BLIGHT	Dr. K.M. Basapaji Prof, Mechanical Eng Dept
08	Smart Medicine Reminder	Mr. Gireesh Mantha Asst.Prof, IS Dept
09	Spectroscopic approach to soil analysis	Dr. Manjunath P Dean Academic, JNNCE
10	NULL CEMENT CONCRETE	Mr. Bhuvan Kumar V S Asst.Prof, Civil Eng Dept
11	Dentocure	Dr. Shruthi D K Subbaiah Institute of Dental Science Dr. Mahesh Kumar Reddy Subbaiah Institute of Dental Science Mr. Mallesh Kumar K S Project Manager, CIE
12	Spray Dry Nutriener	Mr. Sachin Hegdekudge CEO, Roots Goods Company Mr. Mallesh Kumar K S Project Manager, CIE
13	Natural bio-adsorbents and coagulants for removal of heavy metals from contaminated water	Dr. Sughosh P Assoc.Prof, Civil Eng Dept Mr. Shashikumar M Asst.Prof, Civil Eng Dept
14	Face shields for Personal Protective Equipment	Dr. Pramod Kumar Assoc.Prof, E&C Dept
15	Investigation on the co-pyrolaysis of mulze corn cob and areca nut husk	Mr. Sunthosh U Asst.Prof, Mechanical Eng Dept


Dr. Manjunath.P

Incharge Principal
J.N.N.C.E, Shivamogga

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ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಬಿ ಯು ತಫಿನಿಯಮು ಗಣಕ" ರ ಅಧಿಯಲ್ಪ 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
Fax: (0831) 2405467

Ref: VTU/Aca./A4/2021-22/ 2631/14

Date: 20 SEP 2021

To,

The Principal,
Jawaharlal Nehru National College of Engineering,
Savalanga Road, Navule,
Shivamogga- 577204.

Sir,


Sub: Sanction of Financial Assistance for 2020-21 to the
Innovative Project of UG Final Year students of your Institution..reg.
Ref: No.VTU/BGM/PS/2021-22/545, dated 06.05.2021

With reference to the above subject, please find herewith a D.D Bearing No 643487, dated 09.09.2021 of Rs. 10,000/- (Rupees Ten Thousand Only) towards the sanction of financial assistance to the selected Innovative projects of UG final year students of BE / B.Tech.

Further, you are hereby informed to distribute the amount to the concerned students and get an acknowledgement for the same.

Original copy of the acknowledgements should be submitted to the undersigned on or before 30th September 2021.

Encl: as above


REGISTRAR
28/9/21

28/AC: T
ECE/mech



28/9/21

P.T.O

जारी करने वाली शाखा/शेखर स्टेट बैंक
 Issuing Branch: STATE BANK OF MADRAS
 कोड नं./CODE No: 40849
 Tel No. -

मांगद्राफ्ट
DEMAND DRAFT

Key: RUBBIZ
 Sr. No: 115242

सांगे जानेपर JAWAHARLAL NEHRU NATIONAL COLL EGE OF ENGINEERING*****

ON DEMAND PAY
 Ten Thousand Only

रुपये RUPEES

10000-00

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अदा करें
 AMOUNT BELOW 10001(0/5)

मूल्य प्राप्त / VALUE RECEIVED

Key: RUBBIZ Sr. No: 115242
 FO VTU BELGAUM

Name of Applicant

भारतीय स्टेट बैंक

STATE BANK OF INDIA
 अदाकर्ता शाखा / DRAWEE BRANCH: SHIMOGA
 कोड नं./CODE No: 40132

Manjunath Singh BS
 Manjunath Singh BS
 AUTHORIZED SIGNATORY

SS No. B1381

₹ 1,50,000/- से अधिक के लिए ही अतिरिक्त दो अतिरिक्तों पर हस्ताक्षर करने की आवश्यकता है।
 INSTRUMENTS FOR ₹ 1,50,000/- & ABOVE ARE NOT VALID UNLESS SIGNED BY TWO OFFICERS

केवल 3 महीने के लिए वैध
 VALID FOR 3 MONTHS ONLY

कंप्यूटर द्वारा मुद्रित होने पर ही वैध
 VALID ONLY IF COMPUTERS PRINTED

⑈643487⑈ 000002000⑈ 000473⑈ 16

या उनके आदेश पर
 OR ORDER

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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

24th April 2021

Ref: 7.1.01/SPP/10

The Principal
Jawaharlal Nehru National College of Engineering
Navale
Shivamogga - 577 204

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_1056

Ref : Your Project Proposal entitled " **AUTOMATED WHEEL CHAIR NAVIGATION AND HEALTH MONITORING THROUGH OPEN-COMPUTER VISION USING RASPBERRY**

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. Sujeeth U S	Budget	
		Particulars	Amount (Rs.)
	Ms. Nikhitha V Melige		
	Mr. Sanjay D Gowda	Materials/Consumables	6,000.00
	Mr. Shabarish Reddy B S	Labour	500.00
Guide/s	Mrs. Shwetha H R	Travel	500.00
		Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	8,000.00
EIGHT 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
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(materials, methods, details of work carried out, including drawings, diagrams etc)
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(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) Mr. Ramesh M
SPP Coordinator
Jawaharlal Nehru National College Of Engineering
Navale
Shivamogga - 577 204
- 2) Mrs. Shwetha H R
Department of Electronics And Communication Engineering
Jawaharlal Nehru National College Of Engineering
Navale
Shivamogga - 577 204
- 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

24th April 2021

Ref: 7.1.01/SPP/10

The Principal
Jawaharlal Nehru National College of Engineering
Navale
Shivamogga - 577 204

Dear Sir/Madam,

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

Your Project Proposal Reference No. : 44S_BE_2871

Ref : Your Project Proposal entitled " **SMART MILK VENDING MACHINE USING IOT**

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

Student / s	Ms. Shruti Subrahmanya Reddi	Budget	
		Particulars	Amount (Rs.)
	Ms. Srilekha H.C		
	Ms. Rachana K.R	Materials/Consumables	2,000.00
	Ms. Thejaswini A.D	Labour	500.00
Guide/s	Dr. Shetty Pramod Kumar	Travel	500.00
		Miscellaneous	500.00
Department	Electronics And Communication Engineering	Report	500.00
		Total	4,000.00
FOUR THOUSAND RUPEES ONLY			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and 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) Mr. Ramesh M

SPP Coordinator

Jawaharlal Nehru National College Of Engineering

Navale

Shivamogga - 577 204

2) Dr. Shetty Pramod Kumar

Department of Electronics And Communication Engineering

Jawaharlal Nehru National College Of Engineering

Navale

Shivamogga - 577 204

3) The Finance Officer, KSCST, Bangalore

Encl: As Above

National Education Society®
J.N.N College of Engineering, Shivamogga
NewGen Innovation Entrepreneurship Development Centre
(Funded by NSTEDB, DST, Government of India & Implemented by EDII, Ahmedabad)

JNNCE-NewGen IEDC-Batch-2 Result:

Date:11-11-2020

SI No	Project Title	Guide
01	Development of a Readymade pothole mix for distressed pavements	Mr. Arun V Asst.Prof, Civil Eng Dept Mr. Anirudh N Asst.Prof, Civil Dept
02	Kerb side parking management using smart mats	Akshatha M Asst.Prof, Civil Eng Dept
03	Barn House Hygienic Management Robo	Mr. Arun Kumar K L Asst.Prof, M.C.A Dept
04	Smart Vaccine Alert System using IoT and QRCode technologies	Dr. Chethan K R Assoc.Prof, Computer Science Dept
05	Design and Fabrication of Vacuum assisted waste collector for campus roads cleaning	Dr. K.Sabeel Ahmed Prof, Mechanical Eng Dept Dr. Manjunatha Chary G.H Asst.Prof, Mechanical Eng Dept
06	Development of microbial consortia for composting the biomass residue	Dr. Sughosh P Assoc.Prof, Civil Eng Dept Mr. Chethan S G Asst.Prof, Chemistry Dept
07	DRONE BLIGHT	Dr. K.M. Basapaji Prof, Mechanical Eng Dept
08	Smart Medicine Reminder	Mr. Gireesh Mantha Asst.Prof, IS Dept
09	Spectroscopic approach to soil analysis	Dr. Manjunath P Dean Academic,JNNCE
10	NULL CEMENT CONCRETE	Mr. Bhuvan Kumar V S Asst.Prof, Civil Eng Dept
11	Dentocure	Dr. Shruthi D K Subbaiah Institute of Dental Science Dr. Mahesh Kumar Reddy Subbaiah Institute of Dental Science Mr. Mallesh Kumar K S Project Manager, CIE
12	Spray Dry Nutrioner	Mr. Sachin Hegdekudge CEO, Roots Goods Company Mr. Mallesh Kumar K S Project Manager, CIE
13	Natural bio-adsorbents and coagulants for removal of heavy metals from contaminated water	Dr. Sughosh P Assoc.Prof, Civil Eng Dept Mr. Shashikumar M Asst.Prof, Civil Eng Dept
14	Face shields for Personal Protective Equipment	Dr. Pramod Kumar Assoc.Prof, E&C Dept
15	Investigation on the co-pyrolysis of maize corn cob and areca nut husk	Mr. Santhosh U Asst.Prof, Mechanical Eng Dept


Dr. Manjunath.P

Incharge Principal
J.N.N.C.E, Shivamogga

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

78. JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA

SI. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
490.	44S_BE_1056	AUTOMATED WHEEL CHAIR NAVIGATION AND HEALTH MONITORING THROUGH OPEN-COMPUTER VISION USING RASPBERRY PI	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mrs. SHWETHA H R	Mr. SUJEETH U S Ms. NIKHITHA V MELIGE Mr. SANJAY D GOWDA Mr. SHABARISH REDDY B S	8000.00
491.	44S_BE_1059	HIGH STRENGTH 3D PRINTING FOR SAND CASTING	MECHANICAL ENGINEERING	B.E.	Prof. PRADEEP N B	Mr. SUNIL KUMAR H Mr. MASHAK B Mr. NINGRAJA	7000.00
492.	44S_BE_1061	PORTABLE GRAPHENE-OXIDE, VETIVER GRASS AND UV LIGHT BASED MULTISTAGE FILTRATION UNIT FOR WATER PURIFICATION	MECHANICAL ENGINEERING	B.E.	Dr. SANTHOSH U	Mr. ARUN KUMAR H Y Mr. LOHITH MP Mr. CHANDAN S B Mr. CHANDAN KUMAR K N	5000.00
493.	44S_BE_1064	COVID FACE MASK DETECTION USING CNN MODEL	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. JALESH KUMAR	Ms. SNEHA V K Ms. DHANYA B N Ms. SINCHANA S S Ms. TEJASWINI D S	2500.00
494.	44S_BE_1070	MARINE ROBOT USING RADAR SYSTEM(RIVER CLEANING ROBOT)	TELECOMMUNICATION ENGINEERING	B.E.	Mr. AMARAPPA S	Mr. ABU SAWOOD Mr. GOUTHAM PATIL H M Mr. MOHAMMED FAIZAN Mr. ANIRUDDA B U	5500.00
495.	44S_BE_1071	SMART GLASS FOR BLIND PEOPLE	TELECOMMUNICATION ENGINEERING	B.E.	Prof. MADHUSUDHAN G.	Mr. ASHISH S SHETTY Mr. CHANDRASHEKAR K. Mr. RAHUL V. Mr. NITHIN B.M.	5000.00
496.	44S_BE_1072	DESIGN OF HIGHWAY HYBRID WIND AND SOLAR POWER GENERATION AND ITS MONITORING USING IOT	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Prof. SOUMYA K T	Mr. SANJAY J Mr. SIDDARAJU R HIREMATHA Mr. NITHIN N M Mr. SRIVATHSA MITHYANTHA	7000.00
497.	44S_BE_1755	HOSPITAL BED FOR THE TROPIC ULCER PATIENTS USING ELECTRIC ACTUATOR	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Dr. THEJASWI A H Prof. RESHMA. P	Mr. PREETHAM KR Mr. RAJU V Mr. VIGNESH S VERNEKAR Mr. CHETHAN K T	8000.00

498.	44S_BE_2871	SMART MILK VENDING MACHINE USING IOT	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Dr. SHETTY PRAMOD KUMAR	Ms. SHRUTI SUBRAHMANYA REDDI Ms. SRILEKHA H.C Ms. RACHANA K.R Ms. THEJASWINI A D	4000.00
499.	44S_BE_3791	PHYTOREMEDIATION OF WASTEWATER FROM CASTING INDUSTRY USING NATIVE PLANTS	MECHANICAL ENGINEERING	B.E.	Prof. RAVIKUMAR B N Prof. V K DEEPANKAR	Ms. SINDHU S Ms. MAMATHA B S Ms. UMME SALMA Ms. PRIYANKA P	6000.00
500.	44S_BE_4259	PROTOTYPE MODEL OF A SUPER CAPACITOR POWERED ELECTRIC BICYCLE	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Dr. THEJASWI A H	Ms. SHREYA B S Ms. THEJASWINI H Ms. SHEETHAL GOWDA B M	8000.00

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.
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KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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500.	44S_BE_4259	PROTOTYPE MODEL OF A SUPER CAPACITOR POWERED ELECTRIC BICYCLE	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Dr. THEJASWI A H	Ms. SHREYA B S Ms. THEJASWINI H Ms. SHEETHAL GOWDA B M	8000.00

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National Education Society
Jawaharlal Nehru National College of Engineering
Shivamoga- 577 204
Internal Quality Assurance Cell (IQAC)

Centre for Agricultural and Rural Technologies [CART]

JNNCE CART – Selected Projects 2020

Date: 08-09-2020

Following Projects are selected by Expert Committee:

Sl. No.	JNNCART Grant No.	Name of the project	Faculty	Student	Dept.	Amount (In INR)	Status
1.	JNN-CART-2019/04	Trenching Machine	Dr.E.Basavaraj	Vinayak Gangoji (8 TH Sem)	Mech	30,000	Completed
2.	JNN-CART-2020/01	Agribot for Ginger cultivation	Dr.E.Basavaraj/ Mr. Benak Patel M P	Vinayak M.B (8 TH Sem)	Mech	30,000	Completed
3.	JNN-CART-2020/02	IoT based Smart Crop protection from Animals.	Mrs. Aparna	Soumya B N (8 th Sem)	TCE	25,000	Completed
4.	JNN-CART-2020/03	Design and fabrication of Deweeder	Dr.E.Basavaraj	Vachan Revankar (6 th Sem)	Mech	20,000	On Going
5.	JNN-CART-2020/04	Portable Slurry Spreader	Dr.E.Basavaraj/ Mr. Benak Patel M P	Sharath G. O. (7 th Sem)	ME & TCE	20,000	On Going

Congratulations to the selected project team and wish you all the best!

The guidelines, terms & conditions will be sent to Principal Investigator through email and send the signed copy of the agreement within one week from the date of sanction of the project.

H. P. Prasad
Principal



NATIONAL EDUCATION SOCIETY (R)

☎ 08182-270450, 276707/8/9

Jawaharlal Nehru National College of Engineering

(Affiliated to Visvesvaraya Technological University & Recognised by AICTE)

DEPARTMENT OF MECHANICAL ENGINEERING

**SHIMOGA - 577 204
KARNATAKA STATE**

Ref. No. : JNNCE/ME/ 207/2020-21

Date: 07-04-21

To,

Secretary,
National Education Society,
Shivamogga.



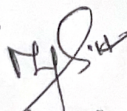
Respected Sir,


Subject: Submission of details of consultancy works and approval for distribution of consultancy amount – reg.

With reference to the above, the department is hereby submitting the details of consultancy works (materials testing and third party inspections) carried out during April 2020 to March 2021. The consolidated bill is also enclosed herewith.


Also, we request you to kindly grant approval for distribution of consultancy amount among the staff.

Thanking you sir,


Dr. Manjunath Achar G H
Co-ordinator


Dr. E Basavaraj
Professor & Head

PROFESSOR & HEAD
Dept. of Mechanical Engineering
J.N.N. College of Engineering
SHIMOGA - 577 204


714121

National Education Society

Jawaharlal Nehru National college of Engineering, Shivamogga

Mechanical Engineering Department consultancy bill

From 01/04/2020 to 31/03/2021



Details of consultancy works

Sl No	Date	Clients Name	Place	Test	Receipt No	Amount	GST	Total Amount	site visits	Net Amount
1	25.09.2020	Karnataka Thanda Development	Suragondanakoppa	Materials Testing	1406	9200=00	1656=00	10856=00		
2	06.01.2021	Karnataka Thanda Development	Suragondanakoppa	Materials Testing	26	7800=00	1404=00	9204=00		9200=00
3	20.03.2021	MAMCOS, Shivamogga	Shivamogga	Testing of Bag		2902=00	638=00	3540=00		7800=00
4	02.01.2021	Davanagere Sugar Company Ltd.	Kukkuvada	Third party Inspection	14	2966=00	534=00	3500=00		2902=00
5	01.03.2021	Chief Officer, TP, Shiralakoppa	Shiralakoppa	Third party Inspection	66	10000=00	1800=00	11800=00		2966=00
6	01.03.2021	Chief Officer, TP, Shiralakoppa	Shiralakoppa	Third party Inspection	67	5932=00	1068=00	7000=00		10000=00
7	12.03.2021	Shivamogga City Corp, Shivamogga	Shivamogga	Third party Inspection	80	178500=00	32130=00	210630=00	2400=00	5932=00
8	16.03.2021	Chief Officer, TP, Shiralakoppa	Shiralakoppa	Third party Inspection	82	5932=00	1068=00	7000=00		176100=00
										5932=00
					TOTAL	223232=00	40298=00	263530=00		220832=00
		Total amount collected								
a		Testing all	19902=00							
b		G S T	3698=00							
		Total	23600=00							

Account section

DETAILS OF DISTRIBUTION

Sl No	Type of test	Amount	Site visiting	Net amount	To Management	To Staff
a	Material testing	23600=00		19902=00	11941=00	7961=00
b	Third party Inspection	239930=00	2400=00	200930=00	40186=00	160744=00
	Total Rs.Ps.	263530=00	2400=00	220832=00	52127=00	168705=00
					Site visiting	2400=00
					Total	171105=00

Coordinator

E. Balasubramanian
HOD (Mechanical)

PROFESSOR & HEAD
Dept. of Mechanical Engineering
I.N.N. College of Engineering
SHIMOGA - 577 204



Jawaharlal Nehru New College of Engineering(JNNCE), Shivamogga

ಜವಾಹರ್‌ಲಾಲ್ ನೆಹರು ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ಶಿವಮೊಗ್ಗ

(Approved by A.I.C.T.E.New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC - 'B', NBA Accredited UG Programs : CE, ME, EEE, ECE, CSE, ISE, ETE for the period : 01.07.2019 to 30.06.2022, Recognised by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Ref. No.: JNNCE/

UTILIZATION CERTIFICATE

Sl No	Project Names	Sanctioned Amount
1	44S_BE_1056 - Automated Wheelchair Navigation & Health Monitoring through Open Computer Vision using Raspberry Pi	8000
2	44S_BE_1059 - High Strength 3D Printing for Sand Casting	7000
3	44S_BE_1061 - Portable Graphene Oxide, Vetiver grass and UV Light Based multistage filtration unit for water purification	5000
4	44S_BE_1064 - Covid Face Mask Detection Using CNN	2500
5	44S_BE_1070 - Marine robot using radar system (River cleaning robot)	5500
6	44S_BE_1071 - Smart glass for blind people	5000
7	44S_BE_1072 - Design of Highway Hybrid wind & solar power generation & Its monitoring using IoT	7000
8	44S_BE_1755 - Hospital Bed for the Tropic Ulcer Patients using Electric Actuator	8000
9	44S_BE_2871 - Smart Milk vending Machine using IoT	4000
10	44S_BE_3791 - Phytoremediation of wastewater from Casting Industry using native plants	6000
11	44S_BE_4259 - Prototype model of a Super Capacitor powered Electric Bicycle	8000
	Total	66,000

Sl No	Particular	
1	Opening Balance	0
2	Grant Received from KSCST	66000
3	Total	66000
4	Balance to be Kept	0

Certified that Rs. 66,000.00 (Rupees Sixty-Six Thousand Only) have been released under Scheme KSCST Project

- 44S_BE_1056 - Automated Wheelchair Navigation & Health Monitoring through Open Computer Vision using Raspberry Pi
- 44S_BE_1059 - High Strength 3D Printing for Sand Casting
- 44S_BE_1061 - Portable Graphene Oxide, Vetiver grass and UV Light Based multistage filtration unit for water purification
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ನವುಲೆ, ಶಿವಮೊಗ್ಗ - 577 204, ಕರ್ನಾಟಕ

Navule, Shivamogga - 577 204, Karnataka

E - mail : principal@jnnce.ac.in Website : www.jnnce.ac.in

☎ : 08182 - 276707 / 08 / 09, 270450, 268800 / 1, Fax : 08182 - 222450

monitoring using IoT

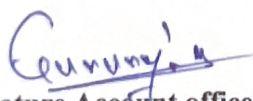
8. 44S_BE_1755 - Hospital Bed for the Tropic Ulcer Patients using Electric Actuator
9. 44S_BE_2871 - Smart Milk Vending Machine using IoT
10. 44S_BE_3791 - Phytoremediation of wastewater from Casting Industry using native plants
11. 44S_BE_4259 - Prototype model of a Super Capacitor powered Electric Bicycle.

Secretary, Karnataka state council of science and technology, IISC, Bangalore during the year 2021-22 in favour of Principal, JNNCE, Shimoga. The sum of Rs. 66,000.00 (Rupees Sixty-Six Thousand Only) has been utilized for KSCST Project -

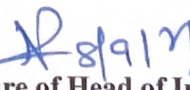
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11. 44S_BE_4259 - Prototype model of a Super Capacitor powered Electric Bicycle.

and the balance amount remaining in the Saving Bank A/c Rs. 0.00 (NIL) carried forward towards Project expenditure for year 2020-21.

Certified that I have satisfied myself that the condition on which the recurring and Non-Recurring Grants was sanctioned have been dully fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.


Signature Account officer
Accounts Department
J N N College of Engineering
Shivamogga.


Signature of SPP Co-ordinator
M. RAMESH
SPP College Co-ordinator
Associate Professor
Dept. of Mechanical Engineering
JNNCE, Shivamogga-577 204


Signature of Head of Institution
Principal
Jawaharlal Nehru National
College of Engineering, Shivamogga.



ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ(ರಿ.), ಶಿವಮೊಗ್ಗ



National Education Society (R.), Shivamogga

Jawaharlal Nehru New College of Engineering(JNNCE), Shivamogga

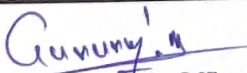
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Ref. No.: JNNCE/

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Sl. No.	Particulars	Amount	Sl. No.	Particulars	Amount
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11	44S_BE_4259 Prototype model of a Super Capacitor powered Electric Bicycle	8,000	11	44S_BE_4259 Paid for materials	8,000
				Closing Balance	0
	Total Amount	66,000		Total Amount	66,000


Signature of Accounts Officer
Accounts Department
J N N College of Engineering
Shivamogga.


Signature of SPP Co-ordinator
M. RAMESH
SPP College Co-ordinator
Associate Professor
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JNNCE - Shivamogga - 577 204


Signature of Principal
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11	44S_BE_4259 - Prototype model of a Super Capacitor powered Electric Bicycle	8000
Total		66,000

Sl No	Particular	
1	Opening Balance	0
2	Grant Received from KSCST	66000
3	Total	66000
4	Balance to be Kept	0

Certified that Rs. 66,000.00 (Rupees Sixty-Six Thousand Only) have been released under Scheme KSCST Project

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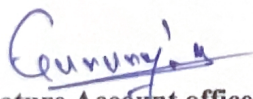
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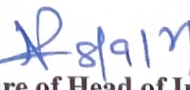
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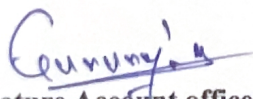
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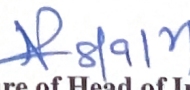
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JNNCE NewGen IEDC Projects


Batch - II

Financial Year 2020 -2021

Sl. No.	Project Title	Name of the Mentor/s	Project Team
01	Development of a Readymade pothole mix for distressed pavements	<p>Mr. Arun V Asst.Prof, Civil Eng Dept</p> <p>Mr. Anirudh N Asst.Prof, Civil Dept</p>	<p>Madhumurthy B S 3rd Sem-MTech, Civil Dept</p> <p>Sricharan R 1st Sem-MTech, Civil Dept</p>
02	Kerb side parking management using smart mats	<p>Akshatha M Asst.Prof, Civil Eng Dept</p> <p>Bindiya K Asst.Prof, Civil Eng Dept</p>	<p>Muraliraja H R 7th Sem Civil Dept</p> <p>Umm E Hani 5th Sem ECE Dept</p> <p>Twinkle Srusti J K 5th Sem ECE Dept</p> <p>Chandhanraj N G 5th Sem Civil Dept</p> <p>Sampada H K 5th Sem IS Dept</p>
03	Barn House Hygienic Management Robo	<p>Mr. Arun Kumar K L Asst.Prof, M.C.A Dept</p>	<p>Pavan Kumar G L 5th Sem MCA Dept</p> <p>Sujan Poojari 5th Sem MCA Dept</p> <p>Gayathri K 5th Sem MCA Dept</p>
04	Smart Vaccine Alert System using IoT and QRCode technologies	<p>Dr. Chethan K R Assoc.Prof, Computer Science Dept</p>	<p>Zaheer Abbas 5th Sem CSE Dept</p> <p>Mohammad Moin 5th Sem CSE Dept</p> <p>Kavana M Gowda 5th Sem CSE Dept</p> <p>Nandini S Bhat 5th Sem CSE Dept</p> <p>Shambhavi M S 5th Sem CSE Dept</p>
05	Design and Fabrication of Vacuum assisted waste collector for campus roads cleaning	<p>Dr. K.Sabeel Ahmed Prof, Mechanical Eng Dept</p> <p>Dr. Manjunatha Chary G.H Asst.Prof, Mechanical Eng Dept</p>	<p>Vignesh S 7th Sem ME Dept</p> <p>Sammed S Muppene 7th Sem ME Dept</p> <p>Rishi Sagar B K 7th Sem ME Dept</p> <p>Nahugh K M. 7th Sem ME Dept</p>

06	Development of microbial consortia for composting the biomass residue	Dr. Sughosh P Assoc.Prof, Civil Eng Dept Mr. Chethan S G Asst.Prof, Chemistry Dept	Srivathsa N T 5 th Sem, Civil Dept Shashank P 5 th Sem Civil Dept Sumukh T S 5 th Sem Civil Dept Namratha 5 th Sem Civil Dept Sindhu 5 th Sem Civil Dept
07	DRONE Blight	Dr. K.M. Basappaji Prof, Mechanical Eng Dept	Abhishek M N 4 th Sem ME Dept Harsha K L 4 th Sem CS Dept Abhiram B 4 th Sem ME Dept
08	Smart Medicine Reminder	Mr.Gireesh Mantha Asst Prof, IS Dept Mr. Pradeep H K Assoc Prof, IS Dept	Shreyas Hebbar 7 th Sem ISE Dept Sindhu H S 7 th Sem ISE Dept Srusti Mirajkar 7 th Sem ISE Dept Pratheeksha S D 7 th Sem ISE Dept
09	Spectroscopic approach to soil analysis	Dr. Manjunath P Dean Acadamic,JNNCE	Shripada Adiga 5 th Sem ECE Dept Shashank G S 5 th Sem ECE Dept Yashas Vinay 5 th Sem ECE Dept
10	NULL CEMENT CONCRETE	Mr. Bhuvan Kumar V S Asst.Prof, Civil Eng Dept	Kafeel Ahmed 7 th Sem Civil Dept Yashawanth Kumar 7 th Sem Civil Dept Spoorthi C 7 th Sem Civil Dept Suma M R 7 th Sem Civil Dept
11	Dentocure	Dr. Shruthi D K Subbaiah Institute of Dental Science Dr. Mahesh Kumar Reddy Subbaiah Institute of Dental Science Mr. Mallesh Kumar K S Project Manager, CIE	Abhishek J M 5 th Sem ISE Dept Shishira S Jois 5 th Sem ISE Dept Subramanya K S 5 th Sem ISE Dept Sanath N 5 th Sem ECE Dept

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Batch - II

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02	Kerb side parking management using smart mats	<p>Akshatha M Asst.Prof, Civil Eng Dept</p> <p>Bindiya K Asst.Prof, Civil Eng Dept</p>	<p>Muraliraja H R 7th Sem Civil Dept</p> <p>Umm E Hani 5th Sem ECE Dept</p> <p>Twinkle Srusti J K 5th Sem ECE Dept</p> <p>Chandhanraj N G 5th Sem Civil Dept</p> <p>Sampada H K 5th Sem IS Dept</p>
03	Barn House Hygienic Management Robo	<p>Mr. Arun Kumar K L Asst.Prof, M.C.A Dept</p>	<p>Pavan Kumar G L 5th Sem MCA Dept</p> <p>Sujan Poojari 5th Sem MCA Dept</p> <p>Gayathri K 5th Sem MCA Dept</p>
04	Smart Vaccine Alert System using IoT and QRCode technologies	<p>Dr. Chethan K R Assoc.Prof, Computer Science Dept</p>	<p>Zaheer Abbas 5th Sem CSE Dept</p> <p>Mohammad Moin 5th Sem CSE Dept</p> <p>Kavana M Gowda 5th Sem CSE Dept</p> <p>Nandini S Bhat 5th Sem CSE Dept</p> <p>Shambhavi M S 5th Sem CSE Dept</p>
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06	Development of microbial consortia for composting the biomass residue	Dr. Sughosh P Assoc.Prof, Civil Eng Dept Mr. Chethan S G Asst.Prof, Chemistry Dept	Srivathsa N T 5 th Sem, Civil Dept Shashank P 5 th Sem Civil Dept Sumukh T S 5 th Sem Civil Dept Namratha 5 th Sem Civil Dept Sindhu 5 th Sem Civil Dept
07	DRONE Blight	Dr. K.M. Basappaji Prof, Mechanical Eng Dept	Abhishek M N 4 th Sem ME Dept Harsha K L 4 th Sem CS Dept Abhiram B 4 th Sem ME Dept
08	Smart Medicine Reminder	Mr.Gireesh Mantha Asst Prof, IS Dept Mr. Pradeep H K Assoc Prof, IS Dept	Shreyas Hebbar 7 th Sem ISE Dept Sindhu H S 7 th Sem ISE Dept Srusti Mirajkar 7 th Sem ISE Dept Pratheeksha S D 7 th Sem ISE Dept
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(Funded by NSTEDB, DST, Government of India & Implemented by EDII, Ahmedabad)

JNNCE-NewGen IEDC-Batch-2 Result:

Date:11-11-2020

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