



Government of Karnataka

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science and Technology

CENTERS OF INNOVATIVE SCIENCE, ENGINEERING AND EDUCATION

(CISEE)

SELECTED LIST OF CISEE PROPOSALS BY VGST – SUBCOMMITTEE (FY: 2016-17)

Sl No	College / Institution	Programme Coordinator and Department	Project Title
1	Siddaganga Institute of Technology Tumkuru	Dr. Suresh Kumar H.M Physics	Transition metal ion doped semi-organic amino acid crystals for Non Linear Optics (NLO) applications: elaborating the magneto-optic relations.
2	SJB Institute of Technology Bengaluru	Dr. Banuprakash G Chemistry	The Inhibition Effect of Heterocyclic compounds on the Electrochemical behavior of Steel in Acidic Media.
3	Manipal Institute of Technology Manipal	Dr. S. Balaji Biotechnology	Centre for Interactive Biomolecular 3D- literacy (C-In-3D).
4	Jawaharlal Nehru medical college, KLE University Belagavi	Dr Jyoti. M. Nagamoti Microbiology	Establishment of Microbiology Skills Laboratory to Enhance Teaching-Learning and Assessment of Essential Skills in Medical and Paramedical Students.

5	Poornaprajna Institute of Scientific research Bengaluru	Dr. Ananda K Biological Science	α -amylase and α -glucosidase inhibitors from endophytic fungi for treating Type 2 diabetes.
6	NITK Surathkal	Dr. Ch. S. N. Murthy Engineering	Development and Characterizations of Advanced Solar Cell.
7	GSSS Institute of Engg and Technology for Women Mysore	Dr. S. Meenakshi Sundaram Engineering	Innovative smart system and IoT Laboratory.
8	Srinivas Institute of Technology Mangalore	Dr. Prasad P Nano Technology	Biosynthesis of Nanoparticles and the Investigation on The Properties of Polymer/Blend Nano Composites for Biomedical Applications.



Karnataka Science and Technology Promotion Society (KSTePS)

Dept. of Information Technology, Bio Technology and Science & Technology, GoK

"Vijnana Bhavana", 3rd Floor, #24/2, 21st Main Road, Banashankari 2nd Stage, Bangalore-70

Ph/fax : 080-26711166, E-mail : ksteps.dst@gmail.com

Dr. H. Honne Gowda
Special Director (Technical),
Dept. of IT, BT and S&T/
Managing Director, KSTePS

H(Nam)

No. KSTePS/VGST-CISEE/2017/274/4

Date: 27.11.2017

Dear Sir,

Sub.: Intimation of selection of the project under the VGST scheme of CISEE – reg.

Greetings from the Dept. of Information Technology, Biotechnology and Science & Technology!!

We are pleased to inform you that the project titled "**Biosynthesis of Nanoparticles and the Investigation on The Properties of Polymer/Blend Nano Composites for Biomedical Applications**" submitted under the VGST scheme of CISEE for the financial year 2016-'17 has been approved by the Government based on the recommendations of Vision Group on Science and Technology under the Chairmanship of Prof. CNR Rao, Honorary President, JNCASR.

The total project grant award for a period of 3 years is Rs. 30.00 lakhs, which will be released annually @ Rs. 10.00 lakhs based on the progress of work. You are requested to take an immediate action to initiate the project at the earliest and to be completed within 3 years after receiving the cheque of 1st installment from our office.

The grant will be paid to the Head of the Institution, under whose supervision the Principal Investigator shall be responsible for completion of the stated objectives of the project. The Principal Investigator through the Institution Head shall have to submit the progress report in soft copy (word & pdf) once in 6 months without any fail. The grants shall be used only for the purposes described in the grant application by following due procedures of KTPP Act. Any deviation from the scheduled plan must have a prior approval from the VGST. A sample copy of the Utilization Certificate is enclosed for information and necessary action in the future.

Future releases of grants will be based on satisfactory project performance. The funding agency has the right to terminate the project, if it is found to be not

satisfactorily pursuing and fulfilling the stated project goals and objectives. Any unspent balance must be returned back to the funding agency within 60 days following the conclusion of the project. Any publications or other dissemination arising from research supported by VGST grants should be acknowledged.

Dr. S. G. Sreekanteswara Swamy, Consultant, VGST will be the nodal officer for all future correspondences related to the project. His contact details are given below:

Vision Group on Science and Technology
Dept. of IT, BT and S&T, Karnataka Government Secretariat,
Room No. 702, 7th Floor, 4th Gate,
M.S. Building, Dr. Ambedkar Veedhi,
Bangalore – 560001.

Phone : 080-2203 2013

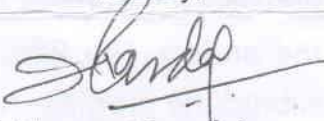
Email : visiongroup.st@gmail.com

Website : www.vgst.in

I want to personally thank you for being selected as one of the VGST program members and we wish you and the Principal Investigator a great success in the implementation of the project.

Thanking you

Yours sincerely,


(H. Honne Gowda)

To,
The Principal
Srinivas Institute of Technology
Srinivas Campus, Off National Highway 48,
Valachil, Arkula, Mangalore-574143

cc:

Dr. Prasad P, Program Coordinator, Dept. of Nano Technology,
Srinivas Institute of Technology, Srinivas Campus, Off National Highway 48,
Valachil, Arkula, Mangalore-574143



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13th April 2017

Dear Shaila Bantanur

SCHOLARSHIP OFFER LETTER: INTACH RESEARCH GRANT

Many thanks for your application for INTACH Scholarships 2016-17 on 'To analyse and understand materials and construction techniques of vernacular houses of Mangalore specially known as *Guttu Houses*.' I am pleased to share with you that your application has been successful. It has been agreed to offer you a scholarship of INR 2,00,000/- instead of INR 2,86,500/- as mentioned in your application. Please note that the Scholarship cannot support procurement of equipment and institutional charges. Please note that the Research has to be completed within one year, starting April 2017.

You must ensure that you are adequately insured during your research: INTACH funds cannot be used for purchasing insurance cover nor is INTACH in any way responsible for your health and safety. Please note that the scholarship in no way creates any contract of employment or service provision between you and INTACH, nor does it require or allow you to represent INTACH during the project, or to represent the project as being an INTACH managed or directed project.

As per your application, the potential outcome of your research is:

- Analyze the materials and construction techniques of vernacular houses of Mangalore specially known as *Guttu Houses*.
- Study the various typologies of houses with construction materials as they are slowly becoming defunct.
- Document the innovative construction techniques of the *Guttu Houses* with special attention to their openings.

In addition to the above, INTACH hopes to receive a full report on 'To analyse and understand materials and construction techniques of vernacular houses of Mangalore specially known as *Guttu Houses*'. This is "housekeeping" so that we can see that the scholarship has been effectively used, it will not alter the status of the report as your intellectual property. However, we wish to clarify that INTACH shall hold all rights to publish, distribute and place the manual in our library for public access. You will be required to sign a library consent and publication consent form at the end of your research.

Also, as per the guidelines set by our selection committee, funds will be disbursed to you in three stages. First installment will be dispatched after receiving the duly filled up acceptance letter and bank details, second installment will be dispatched after receiving an interim report on your research, and the final installment will be dispatched after receiving the final report. Please note that for every installment you will have to provide **original receipts** to prove effective and appropriate utilization of funds. The scholarship amount is tax deductible as per Government of India norms.

In case you have any other queries, please feel free to contact us now.

Yours sincerely,

Navin Piplani
Secretary
INTACH Scholarships Selection Committee

D E D I C A T E D T O C O N S E R V A T I O N
INTACH logo derived from the 3000 years old anthropomorphic copper figure of Shahabad, Uttar Pradesh, now in the National Museum, New Delhi
"NGO in Special Consultative Status with the Economic and Social Council of the United Nations"



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KARNATAKA FUND FOR INFRASTRUCTURE STRENGTHENING IN SCIENCE AND TECHNOLOGY (K-FIST) – LEVEL – I

SELECTED LIST OF K-FIST (LEVEL - I) PROPOSALS BY VGST – SUBCOMMITTEE (FY: 2015-16)

Sl. No.	Name of the College and Place	Name of the Department and Programme Co-ordinator	Project Title
1	Bapuji Institute of Engineering and Technology, Davangere	Mechanical Engineering Dr. S. Kumarappa	To study the thermal conductivity of thermal energy storage using different PCMs and to improve efficiency of solar thermal systems and wind energy systems
2	Srinivas Institute of Technology, Mangalore	Mechanical Engineering Dr. Ramakrishna N Hegde	Experimental Investigations on Heat Transfer Enhancement in a Double Pipe Heat Exchanger using Metallic Inserts and Nanofluid
3	St. Joseph Engineering College, Vamanjoor, Mangalore	Mechanical Engineering Dr. Purushothama Chippar	Experimental and Numerical Analysis for the Development of Metal Hydride based Hydrogen Storage System
4	SDM College of Engineering & Technology, Dharwad	Chemical Engineering Dr. Keshava Joshi	Denitrification of Industrial/ Municipal Waste Water using Spouted Bed Bioreactor
5	Center for Post Graduate Studies, VTU, Muddenahalli	Nanotechnology Dr. C.S. Ananda Kumar	Establishment of Nanobiotechnology Laboratory for Drug discovery programme in Cancer Therapy
6	Government College, Kalaburagi	Physics Dr. Aparna Shetty	Upgrading and Strengthening of Physics Laboratory & Research Facilities
7	K.S. School of Engineering and Management, Bangalore	Civil Engineering Dr. Vijayalakshmi Akella	Dynamic analysis and retrofitting of Heritage Buildings in South India
8	SJB School of Architecture and Planning, Bangalore	Architecture and Planning Prof. Smitha M.B	Center for Architectural Technologies – Sustainable and Smart Materials
9	APS College of Engineering, Bangalore	Computer Science and Engineering Dr. Anirban Basu	Developing Techniques for Green Software Engineering
10	Center for PG Studies, VTU, Belagavi	VLSI Design and Embedded Systems Dr. Meghana Kulkarni	VTU-Chip Design Laboratory (VTU-CDL)



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ

'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬನಶಂಕರಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು - 560 070

ದೂರವಾಣಿ/ಫ್ಯಾಕ್ಸ್ : 080 - 26711166/ 26711160; ಇ-ಮೇಲ್ : ksteps.dst@gmail.com

ಡಾ. ಹೆಚ್. ಹೊನ್ನೇಗೌಡ

ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಪೆಪ್ಸ್

ನಂ. ಕೆಸ್ಪೆಪ್ಸ್/ವಿತಂದಾಸ/05/K-Fist/2015-16

ದಿನಾಂಕ: 20-06-2016

ಮಾನ್ಯರೇ

ವಿಷಯ: 2015-16ನೇ ಸಾಲಿನ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ K-Fist
(Level-1) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: ವಿಯಇ 87 ವಿತ್ರಮ 2016, ದಿ. 21.05.2016

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S. ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಈ ಯೋಜನೆಯಡಿ ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 8 ವರ್ಷಗಳಿಂದ ರಾಜ್ಯಾದ್ಯಂತ ಯಶಸ್ವಿಯಾಗಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ. 2015-16ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "**Experimental Investigations on Heat Transfer Enhancement in a Double Pipe Heat Exchanger using Metallic Inserts and Nanofluid**" ನ್ನು ವಿ.ಜಿ.ಎಸ್.ಟಿ. ಯ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ **Karnataka Fund For Infrastructure Strengthening In Science And Technology (K-FIST)** ನ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯ ಅಂಗ ಸಂಸ್ಥೆಯಾದ ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ (ಕೆಸ್ಪೆಪ್ಸ್)ಯನ್ನು ಪ್ರಸ್ತುತ ವರ್ಷದಿಂದ ದಾರ್ಶನಿಕ ಸಮೂಹದ ಕಾರ್ಯಕ್ರಮಗಳ ಉಸ್ತುವಾರಿ ಸಂಸ್ಥೆಯಾಗಿ ನೇಮಿಸಲಾಗಿದೆ. ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಮೊದಲ ಕಂತಾಗಿ ರೂ. 10.00 ಲಕ್ಷಗಳ ಅನುದಾನವನ್ನು **Principal, Srinivas Institute of Technology, Mangaluru** ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್‌ನ್ನು (ಚೆಕ್ ಸಂಖ್ಯೆ: 942492, ದಿ:20.06.2016) ನೀಡಲಾಗುತ್ತಿದೆ. ಚೆಕ್ ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್ಪೆಪ್ಸ್‌ಗೆ ಕಳುಹಿಸುವುದು.

ಸದರಿ ಅನುದಾನವನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು ಹಾಗೂ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ, 1999 (Karnataka Transparency in Public Procurements Act, 1999 - <http://finance.kar.nic.in/index.htm>) ಅನುಸಾರ ಹಾಗೂ ದಾರ್ಶನಿಕ ಸಮೂಹ ಅನುಮೋದಿಸಿರುವ ವಿವಿಧ ಶೀರ್ಷಿಕೆಗಳಿಗೆ ಅನುಗುಣವಾಗಿ

ಯೋಜನೆಯನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು. ಬಿಡುಗಡೆಯಾದ ಅನುದಾನವನ್ನು ಬಳಸಿಕೊಂಡ ನಂತರ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ನೋಂದಾಯಿತ ಆಡಿಟರ್ ಮೂಲಕ ಆಡಿಟ್ ಮಾಡಿಸಿ, ಉಪಯೋಗತಾ ಪ್ರಮಾಣ ಪತ್ರವನ್ನು ದ್ವಿಪ್ರತಿಯಲ್ಲಿ ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ಸ್ವರೂಪದಲ್ಲ (Format) ಕೆಸ್ಠೆಪ್ ಸಂಸ್ಥೆಯ ಮೇಲ್ಕಂಡ ವಿಳಾಸಕ್ಕೆ ಕಳುಹಿಸಿಕೊಡುವುದು. ಈ ಯೋಜನೆಗೆ ಸಂಬಂಧ ಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕ ಪತ್ರಗಳನ್ನು ಸಂರಕ್ಷಿಸಿಡುವುದು ಹಾಗೂ ಮಹಾಲೇಖಪಾಲಕರು ಮತ್ತು ಸರ್ಕಾರವು ಸಮೀಕ್ಷೆಗಾಗಿ ಕೋರಿದಲ್ಲಿ ತಪ್ಪದೇ ಒದಗಿಸುವುದು. ಈ ಯೋಜನೆಗೆ ಅನುಗುಣವಾಗಿ ಪ್ರತ್ಯೇಕ ದಾಖಲೆ ಪುಸ್ತಕ ಸಹ ನಿರ್ವಹಿಸಬೇಕೆಂದು ಕೋರುತ್ತೇನೆ.

ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ಶ್ರೀಮತಿ ಶ್ರೀರಂಜಿನಿ. ಕೆ. ವೈಜ್ಞಾನಿಕ ಕ್ಷೇತ್ರಾಧಿಕಾರಿ, ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ (ಕೆಸ್ಠೆಪ್) (ದೂರವಾಣಿ: 080-26711166; ಇ-ಮೇಲ್: srivgst.ksteps@gmail.com) ಇವರನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು.

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ



(ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು)

ಇವರಿಗೆ,

**The Principal,
Srinivas Institute of Technology,
Valachil, Farangipete Post,
Mangalore – 574 143**