



GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Electronic Information Technology, Biotechnology and Science & Technology

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Dr. S. G. Sreekanteswara Swamy, PhD.,
Consultant

No. VGST/Review/K-FIST/2020-21/353

Date: 02.03.2021

To,
The Principal,
SJPN Trust Hirasugar Institute of Technology,
Nidasoshi, Belagavi, Karnataka 591 236



Dear Sir/Madam,

Subj: Review Meeting held on 01 & 02 December 2020 for K-FIST Scheme.

Ref: GRD No.790 (K-FIST) – Project Titled- “Study on Performance characteristics of variable compression ratio (VCR), Common Rail Direct Injection Diesel engine with Exhaust Gas Recirculation to suggest best alternative fuels”.

With reference to the above subject, the Committee has accepted Dr. S. N. Toppanavar, Department of Mechanical Engineering as the new PI of the project in the place of Dr. Basavaraj M Shrigiri who has left the institution and project work should be concentrate as per the original objectives of the proposal.

With thanks and kind regards,

Yours sincerely,

(Consultant)

CC:

~~Dr S.N. Toppanavar~~
Department of Mechanical Engineering
SJPN Trust Hirasugar Institute of Technology,
Nidasoshi, Belagavi, Karnataka 591 236

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ

ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ
ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಚಿವಾಲಯ, 7ನೇ ಮಹಡಿ, 4ನೇ ಗೇಟ್, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಡಾ|| ಅಂಬೇಡ್ಕರ್ ವೀದಿ, ಬೆಂಗಳೂರು-560 001

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ಸಂಖ್ಯೆ:ವಿತಂದಾಸ/ಜಿ.ಆರ್.ಡಿ ಸಂಖ್ಯೆ:790(2018-19) /2022-23/

ದಿನಾಂಕ:24.02.2023

ಇವರಿಗೆ,

ಪ್ರಾಂಶುಪಾಲರು

ಹಿರಾಶುಗರ್ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ

ನಿಡಸೋಶಿ, ಹುಕ್ಕೇರಿ ತಾಲೂಕು, ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ -591 236

ಮಾನ್ಯರೇ,

ವಿಷಯ: K-FIST (L1) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಜಿ.ಆರ್.ಡಿ-790 ಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗಿರುವ 2ನೇ ಕಂತಿನ

ಅನುದಾನದಿಂದ ಉಪಕರಣಗಳ/ ವಸ್ತುಗಳ ಖರೀದಿಗೆ ಅನುಮೋದನೆ ನೀಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ:1.ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ PART-A ದಾಖಲೆ ಸಲ್ಲಿಸಲಾದ ದಿನಾಂಕ:17.08.2022

2.ಪ್ರೊ.ಎಂ.ಆರ್.ಎಸ್. ರಾವ್ ಅವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ 2022 ರ ಸೆಪ್ಟೆಂಬರ್ 13 ಮತ್ತು 15 ರಂದು ನಡೆದ

ವಿಮರ್ಶಾ ಸಮಿತಿಯ ಸಭೆ

3.ಎರಡನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆಯ ಪತ್ರ ಸಂಖ್ಯೆ: KSTePS/VGST/K-FIST(L1)/2018-

19/GRD-790/75/2019-20/1254 ದಿನಾಂಕ:07.02.2023

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಿಜ್ಞಾನ ಹಾಗೂ ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ)ದ ವಿವಿಧ ಯೋಜನೆಗಳಲ್ಲೊಂದಾದ K-FIST(L1) ಕಾರ್ಯಕ್ರಮದಡಿ 2018-19ನೇ ಸಾಲಿನಲ್ಲಿ ಆಯ್ಕೆಯಾಗಿದ್ದ ಡಾ ಎಸ್ ಎನ್ ತೊಪ್ಪನವರ್, ಮೆಕ್ಯಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಹಿರಾಶುಗರ್ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ, ಬೆಳಗಾವಿ (ಜಿ.ಆರ್.ಡಿ-790) ರವರು ಸಲ್ಲಿಸಿದ್ದ "Study on performance characteristics of variable compression ration (VCR), common Rail Direct Injection Diesel engine with Exhaust Gas Recirculation to suggest best alternative fuels" ಶೀರ್ಷಿಕೆಯ ಪ್ರಸ್ತಾವನೆಗೆ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನವಾಗಿ ಒಟ್ಟು ಮೊತ್ತ ರೂ.10,00,00/-ಗಳನ್ನು RTGSನ ಮೂಲಕ ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುವುದು ಸರಿಯಷ್ಟೆ.

ಈ ಸಂಬಂಧ, ಒಟ್ಟಾರೆಯಾಗಿ ಎರಡನೇ ಕಂತಿನ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಸಂಸ್ಥೆಯಲ್ಲಿ ಲಭ್ಯವಿರುವ ಅನುದಾನದ ವಿವರ ಕೆಳಗಿನಂತಿದೆ:

	(ರೂ.ಗಳಲ್ಲಿ)
ಮೊದಲನೇ ಕಂತಿನ ಉಳಿಕೆ ಮೊತ್ತ (i)	32,400.00
ಬಿಡುಗಡೆಗೊಳಿಸಲಾದ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನದ ಮೊತ್ತ (ii)	10,00,000.00
ತಮ್ಮ ಸಂಸ್ಥೆಯಲ್ಲಿ ಒಟ್ಟು ಲಭ್ಯವಿರುವ ಮೊತ್ತ (I + II)	10,32,400.00

ಅದರಂತೆ, ಒಟ್ಟು ಲಭ್ಯವಿರುವ ಅನುದಾನದಿಂದ ಉಪಕರಣಗಳ/ವಸ್ತುಗಳ ಖರೀದಿಗೆ ಅನುಮೋದನೆ ಕೋರಿ ಉಲ್ಲೇಖ (1) ರಲ್ಲಿ ಎರಡನೇ ಕಂತಿನ PART-A ದಾಖಲೆಯನ್ನು ಯೋಜನಾ ಸಂಯೋಜಕರು ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

ಈ ನಿಟ್ಟಿನಲ್ಲಿ, ವಿತಂದಾಸದ ವಿಮರ್ಶಾ ಸಮಿತಿಯ ಶಿಫಾರಸ್ಸಿನ ಆಧಾರದ ಮೇಲೆ ಮತ್ತು ಯೋಜನಾ ಸಂಯೋಜಕರು ಸಲ್ಲಿಸಿರುವ 2ನೇ ಕಂತಿನ PART-A ದಾಖಲೆ ಹಾಗೂ ವಿಮರ್ಶಾ ಸಮಿತಿಯಲ್ಲಿ ಪ್ರಸ್ತುತ ಪಡಿಸಿದ PPT ಗೆ ಅನುಗುಣವಾಗಿ ಈ ಕೆಳಕಂಡ ರೆಕರರಿಂಗ್ (Recurring) ಮತ್ತು ನಾನ್-ರೆಕರರಿಂಗ್ (Non-recurring) ಉಪಕರಣಗಳ/ವಸ್ತುಗಳ ಖರೀದಿಗೆ ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿದೆ:

ಕ್ರಮ ಸಂಖ್ಯೆ	ವಿವರಗಳು ನಾನ್-ರೆಕರರಿಂಗ್ (Non recurring)	ಒಟ್ಟು ಪ್ರಮಾಣ	ವಿತಂದಾಸದಿಂದ ಅನುಮೋದನೆ ನೀಡಿದ ಮೊತ್ತ (ರೂ.ಗಳಲ್ಲಿ)
1	Gas chromatography	01	6,30,000.00
2	Thermal camera	01	3,00,000.00
	ಒಟ್ಟು ನಾನ್-ರೆಕರರಿಂಗ್ ಮೊತ್ತ		9,30,000.00

ರೆಕರರಿಂಗ್ ಪಟ್ಟಿ (Recurring)		
1	Multi fuel combustion attachment and accessories	97,000.00
2	Chemicals (fuels)	5,000.00
	ಒಟ್ಟು ರೆಕರರಿಂಗ್ ಮೊತ್ತ	1,02,000.00
	ಒಟ್ಟು ನಾನ್-ರೆಕರರಿಂಗ್ ಮತ್ತು ರೆಕರರಿಂಗ್ ಮೊತ್ತ	10,32,000.00
	ತಮ್ಮ ಸಂಸ್ಥೆಯಲ್ಲಿ ಒಟ್ಟು ಲಭ್ಯ ವಿರುವ ಮೊತ್ತ(i)	10,32,400.00
	ಎರಡನೇ ಕಂತಿಗೆ ಅನುಮೋದನೆಯ ನೀಡಿರುವ ಒಟ್ಟು ಮೊತ್ತ(ii)	10,32,000.00
	ಅನುಮೋದನೆಯ ನೀಡಿರದ ಒಟ್ಟು ಮೊತ್ತ(i-ii)	400.00

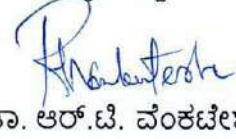
Note: ಮುಂದುವರಿದು, ಬಾಕಿ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತ ಹಾಗೂ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನಕ್ಕೆ ಕ್ರೋಡೀಕೃತಗೊಳ್ಳುವ ಬಡ್ತಿ ಮೊತ್ತವನ್ನು "Managing Director, KSTePS, Bangalore" ರವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ ಡಿ.ಡಿ. ಮೂಲಕ ಹಿಂತಿರುಗಿಸುವುದು.

ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಅನುದಾನವನ್ನು ಬಳಸುವಾಗ ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು:

- 1) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಗಲೀ ಅಥವಾ ಬೇರೆ ಸಂಸ್ಥೆಗಳ ಮುಖಾಂತರವಾಗಲೀ ಅನುಷ್ಠಾನಗೊಳಿಸುವಾಗ ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ - 1999 ಮತ್ತು ನಿಯಮಗಳು 2000 (KTPP Act - 1999 & Rules - 2000), ಕರ್ನಾಟಕ ಆರ್ಥಿಕ ಸಂಹಿತೆ (KFC) ಹಾಗೂ ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗಸೂಚಿಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಮತ್ತು ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು/ ಪಾಲಿಸುವುದು.
- 2) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗುವ ಅನುದಾನದಿಂದ ಅನುಮೋದಿತ ಪಾರ್ಟ್-ಎ (Part-A) ದಾಖಲೆಯಲ್ಲಿ ನಮೂದಿತವಾಗಿರುವ ಉಪಕರಣಗಳ/ವಸ್ತುಗಳನ್ನು ಮಾತ್ರ ಖರೀದಿಸುವುದು. ಇದರಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- 3) ರೂ.1.00 ಲಕ್ಷ ಮತ್ತು ಅದಕ್ಕಿಂತ ಹೆಚ್ಚಿನ ಬೆಲೆಯ ಉಪಕರಣಗಳನ್ನು ಇ-ಟೆಂಡರ್ ಮೂಲಕ ಮಾತ್ರ ಖರೀದಿಸತಕ್ಕದ್ದು. ರೂ.1.00 ಲಕ್ಷಕ್ಕಿಂತ ಕಡಿಮೆ ಬೆಲೆಯ ಉಪಕರಣಗಳನ್ನು ಮಾನ್ಯುಯಲ್ ಟೆಂಡರ್ ಮೂಲಕ ಖರೀದಿಸಬಹುದು.

- 4) ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಬಿಡುಗಡೆ ಮಾಡುವ ಅನುದಾನವನ್ನು ಅಗತ್ಯಕ್ಕೆ ಅನುಗುಣವಾಗಿ ನೀಡಲಾದ ಉದ್ದೇಶಕ್ಕೆ ಮಾತ್ರ ಬಳಸುವುದು ಹಾಗೂ ಸದರಿ ಅನುದಾನಕ್ಕೆ ಬರುವ ಬ್ಯಾಂಕ್ ಬಡ್ತಿ ಮೊತ್ತವನ್ನು ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಳಸಿಕೊಳ್ಳಲು ಅನುಮತಿ/ಅವಕಾಶವಿರುವುದಿಲ್ಲ ಈ ಬಡ್ತಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತ ಪ್ರಮಾಣ -ಪತ್ರದೊಂದಿಗೆ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಟೆಪ್ಸ್ ರವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ ಡಿ.ಡಿ. ಮೂಲಕ ಹಿಂತಿರುಗಿಸುವುದು.
- 5) ತಮ್ಮ ಸಂಸ್ಥೆಗೆ ಸದರಿ ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗಿರುವ ಅನುದಾನದಲ್ಲಿ ಬಳಕೆಯಾಗದೆ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತವನ್ನು ಮುಂದಿನ ಕಂತಿನ ಅನುದಾನದಲ್ಲಿ ಕಡಿತಗೊಳಿಸಿ ಉಳಿದ ಅನುದಾನವನ್ನು ಬಿಡುಗಡೆ ಮಾಡಲಾಗುವುದು, ಅಥವಾ ಕೊನೆ ಕಂತು ಆಗಿದ್ದಲ್ಲಿ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತವನ್ನು ಹಿಂತಿರುಗಿಸುವುದು.
- 6) ಯೋಜನೆಯನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸುವಾಗ ಸರ್ಕಾರದ ಎಲ್ಲಾ ಮಾರ್ಗಸೂಚಿಗಳು, ನಿಯಮಗಳು ಮತ್ತು ಷರತ್ತುಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಅನುಸರಿಸತಕ್ಕದ್ದು.
- 7) ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಯಾವುದೇ ಹಂತದಲ್ಲಿ ಯಾವುದೇ ಮಾಹಿತಿಯ ಅಗತ್ಯವಿದ್ದಲ್ಲಿ, ವಿತಂದಾಸ ಕಛೇರಿಯನ್ನು ಸಂಪರ್ಕಿಸುವುದು.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

 24/02/2023

ಡಾ. ಆರ್.ಟಿ. ವೆಂಕಟೇಶ

ವಿಜ್ಞಾನಿ-ಎಸ್.ಇ, ಕೆಸ್ಟೆಪ್ಸ್ /ಸಂಯೋಜಕರು, ವಿತಂದಾಸ

ಪ್ರತಿ: ಡಾ ಎಸ್ ಎನ್ ತೊಪ್ಪನವರ್

ಮೆಕ್ಯಾನಿಕಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ

ಹಿರಾಶುಗರ್ ಇನ್ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ

ನಿಡಸೋಶಿ, ಹುಕ್ಕೇರಿ ತಾಲೂಕು, ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ -591 236



Karnataka Science and Technology Promotion Society

Dept. of Information Technology, Bio Technology and Science & Technology, GoK
"Vijnana Bhavan", 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 Secretary (Technical),
Dept. of IT, BT and S&T, Gok/
Managing Director, KSTePS

No. KSTePS/VGST-K-FIST L1/2018-19/GRD NO.790 / 315

Date: 17.07.2019

Dear Sir/Madam,

Sub: Intimation of selection of the project under the VGST scheme of K-FIST L1 – reg.

Greetings from the Department of Science and Technology, GoK & KSTePS. We are pleased to inform you that the project titled **"Study on performance characteristics of variable compression ratio (VCR), common Rail Direct Injection Diesel engine with Exhaust Gas Recirculation to suggest best alternative fuels "** submitted under the VGST scheme of K-FIST L1 for the financial year 2018-'19 has been approved by the Government based on the recommendations of Vision Group on Science and Technology under the Chairmanship of Bharat Ratna Prof. CNR Rao, Honorary President, JNCASR.

The total project grant award for a period of 2 years is Rs. 20.00 lakh, which will be released annually @ Rs. 10.00 lakh 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 2 years after receiving the grant 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 once in 6 months without 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.

Future release of grants will be based on satisfactory project performance and review. 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. The whole amount sanctioned or any unspent balance must be returned back to the funding agency within 60 days following the final report of the project. Any publications or other dissemination arising from research supported by VGST grants should be acknowledged.

...2

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,
Department of IT, BT and S & T,
Room No. 702, 7th Floor, 4th Gate,
M.S. Building, Dr. Ambedkar Veedhi,
Bengaluru – 560 001.
Phone : 080-2203 2013
Email : visiongroup.st@gmail.com
Website : www.vgst.in

The sanctioned grant will be sent through NEFT/RTGS to your institution. Hence, it is requested to send the following bank details on your intuitional letter head, sealed and signed by the head of the institution, by post. A scanned copy of the same may be sent through E-mail: ksteps.dst@gmail.com & visiongroup.st@gmail.com for swift process.

1. Account Name
2. Account Number
3. IFSC Number
4. Name of the Bank
5. Branch

After receiving the grant to the institute, you are suppose to open a new saving bank account in the name of VGST scheme & get the grant transferred from the institution's main account. I would like to personally thank and greet you for being selected as one of the VGST program members and we wish you a great success in the implementation of the project.

Thanking you,

Yours sincerely,



(H. Honne Gowda)

To,
Dr. Basavaraj. M. Shrigiri,
Professor & Head,
Department of Mechanical Engineering,
Hirasugar Institute of Technology,
Nidasoshi, Hukkeri Taluk, Belagavi District, 591 236.

CC:

- 1) The Principal, Hirasugar Institute of Technology, Nidasoshi, Hukkeri Taluk, Belagavi District, 591 236.
- 2) Deputy Secretary to Govt., Dept. of Science and Technology, Room No. 305, 5th Floor, 5th Stage, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru -560 001.
- 3) Dr. S. G. Sreekanteswara Swamy, Consultant, Vision Group on Science and Technology, Department of IT, BT and S & T, Room No. 702, 7th Floor, 4th Gate, M.S. Building, Dr. Ambedkar Veedhi, Bengaluru -560 001.



Karnataka Science and Technology Promotion Society

Dept. of Information Technology, Bio Technology and Science & Technology, GoK
"Vijnana Bhavan", 3rd Floor, #24/2, 21st Main Road, Banashankari 2nd Stage, Bangalore-70
Ph/fax : 080-26711166, E-mail : ksteps.dst@gmail.com

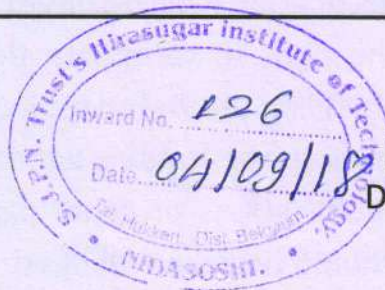
Dr. H. Honne Gowda

Special Director (Technical),

Dept. of IT, BT and S&T/ Managing director, KSTePS

No. KSTePS/VGST/GRD-683/KFIST(L1)/2018

Dear Sir/Madam,



Date: 27.08.2018

Sub: Intimation of selection of KFIST Level (1) project under the VGST Scheme – reg.

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

We are pleased to inform you that the project titled **"Coplanar Capacitive Coupled Probe Fed Microstrip Antennas with and without Air Gap for UWB and Multiband Applications"** submitted under the VGST scheme of KFIST Level (1) for the Financial Year 2017-18 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 2 years is Rs. 20.00 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 2 years after receiving the cheque of 1st instalment 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.

Please provide the cheque in favour address of your institution, for releasing the sanctioned grants.

Est/
for
4/9/18
ce to Dr VGK
11/9/18

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.

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

SJPN Trust's Hirasugar Institute of Technology

Nidasosi Taluk, Hukeri District, Belagavi-591236

CC:

1. Dr. Veeresh G. Kasabegoudar, Dept. of ECE, SJPN Trust's Hirasugar Institute of Technology, Nidasoshi, Hukeri Taluk, Belagavi District -591 236- **Principal Investigator of KFIST (L1) under VGST scheme.**
2. Consultant, Vision Group on Science & Technology, KSTePS, Dept. of IT, BT and S&T, 7th Floor, 4th block, MS Building, Bengaluru- 560 001

LJ EST



ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ

ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ
ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಸಚಿವಾಲಯ, 7ನೇ ಮಹಡಿ, 4ನೇ ಗೇಟ್, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ದಾ|| ಅಂಬೇಡ್ಕರ್ ವೀದಿ, ಬೆಂಗಳೂರು-560 001

080-2203 2013, visiongroup.st@gmail.com, www.vgst.in

ಸಂಖ್ಯೆ:ವಿತಂದಾಸ/ಜಿ.ಆರ್.ಡಿ ಸಂಖ್ಯೆ:683(2017-18) /2022-23/

ದಿನಾಂಕ:21.02.2023

ಇವರಿಗೆ,

ಪ್ರಾಂಶುಪಾಲರು

SJPN ಟ್ರಸ್ಟ್ ಹಿರಾಶುಗರ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ

ನಿಡಸೋಶಿ, ಹುಕ್ಕೇರಿ ತಾಲೂಕು, ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ -591 236

ಮಾನ್ಯರೇ,

ವಿಷಯ: K-FIST (L1) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಜಿ.ಆರ್.ಡಿ-683 ಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗಿರುವ 2ನೇ ಕಂತಿನ

ಅನುದಾನದಿಂದ ಉಪಕರಣಗಳ/ ವಸ್ತುಗಳ ಖರೀದಿಗೆ ಅನುಮೋದನೆ ನೀಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1.ಪ್ರೊ.ಎಂ.ಆರ್.ಎಸ್ ರಾವ್ ಅವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ 2022 ರ ಸೆಪ್ಟೆಂಬರ್ 13 ಮತ್ತು 15 ರಂದು ನಡೆದ

ವಿಮರ್ಶಾ ಸಮಿತಿಯ ಸಭೆ

2. ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ PART-A ದಾಖಲೆ ಸಲ್ಲಿಸಲಾದ ದಿನಾಂಕ:20.01.2023

3. ಎರಡನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆಯ ಪತ್ರ ಸಂಖ್ಯೆ: KSTePS/VGST/K-FIST(L1)/2017

18/GRD-683/35/2018-19/1279 ದಿನಾಂಕ:09.02.2023

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಿಜ್ಞಾನ ಹಾಗೂ ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ)ದ ವಿವಿಧ ಯೋಜನೆಗಳಲ್ಲೊಂದಾದ K-FIST(L1) ಕಾರ್ಯಕ್ರಮದಡಿ 2017-18ನೇ ಸಾಲಿನಲ್ಲಿ ಆಯ್ಕೆಯಾಗಿದ್ದ ಡಾ ಶ್ರೀವಿಜಯ್ ಎಸ್ ಇಟ್ಟಣ್ಣವರ್, ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಅಂಡ್ ಕಮ್ಯುನಿಕೇಷನ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, SJPN ಟ್ರಸ್ಟ್ ಹಿರಾಶುಗರ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ, ಬೆಳಗಾವಿ (ಜಿ.ಆರ್.ಡಿ-683) ರವರು ಸಲ್ಲಿಸಿದ್ದ "Coplanar Capacitive Coupled Probe Fed Microstrip Antennas with and without Air Gap for UWB and Multiband Applications" ಶೀರ್ಷಿಕೆಯ ಪ್ರಸ್ತಾವನೆಗೆ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನವಾಗಿ ಮೊತ್ತ ರೂ.10,00,000/-ಗಳನ್ನು RTGSನ ಮೂಲಕ ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುವುದು ಸರಿಯಷ್ಟೆ.

ಈ ಸಂಬಂಧ, ಒಟ್ಟಾರೆಯಾಗಿ ಎರಡನೇ ಕಂತಿನ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಸಂಸ್ಥೆಯಲ್ಲಿ ಲಭ್ಯವಿರುವ ಅನುದಾನದ ವಿವರ ಕೆಳಗಿನಂತಿದೆ :

ಮೊದಲನೇ ಕಂತಿನ ಉಳಿಕೆ ಮೊತ್ತ (i)	ರೂ. 2,91,970.00
ಬಿಡುಗಡೆಗೊಳಿಸಲಾದ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನದ ಮೊತ್ತ (ii)	ರೂ. 10,00,000.00
ತಮ್ಮ ಸಂಸ್ಥೆಯಲ್ಲಿ ಒಟ್ಟು ಲಭ್ಯವಿರುವ ಮೊತ್ತ (I + II)	ರೂ.12,91,970.00

ಅದರಂತೆ, ಒಟ್ಟು ಲಭ್ಯವಿರುವ ಅನುದಾನದಿಂದ ಉಪಕರಣಗಳ/ವಸ್ತುಗಳ ಖರೀದಿಗೆ ಅನುಮೋದನೆ ಕೋರಿ ಉಲ್ಲೇಖ (i) ರಲ್ಲಿ ಎರಡನೇ ಕಂತಿನ PART-A ದಾಖಲೆಯನ್ನು ಯೋಜನಾ ಸಂಯೋಜಕರು ಸಲ್ಲಿಸಿರುತ್ತಾರೆ.

ಈ ನಿಟ್ಟಿನಲ್ಲಿ, ವಿತಂದಾಸದ ವಿಮರ್ಶಾ ಸಮಿತಿಯ ಶಿಫಾರಸ್ಸಿನ ಆಧಾರದ ಮೇಲೆ ಮತ್ತು ಯೋಜನಾ ಸಂಯೋಜಕರು ಸಲ್ಲಿಸಿರುವ 2ನೇ ಕಂತಿನ PART-A ದಾಖಲೆ ಹಾಗೂ ವಿಮರ್ಶಾ ಸಮಿತಿಯಲ್ಲಿ ಪ್ರಸ್ತುತ ಪಡಿಸಿದ PPT ಅನುಗುಣವಾಗಿ ಈ ಕೆಳಕಂಡ ರೆಕರರಿಂಗ್ (Recurring) ಮತ್ತು ನಾನ್-ರೆಕರರಿಂಗ್ (Non-recurring) ಉಪಕರಣಗಳ/ವಸ್ತುಗಳ ಖರೀದಿಗೆ ಅನುಮೋದನೆಯನ್ನು ನೀಡಲಾಗಿದೆ:

ಕ್ರಮ ಸಂಖ್ಯೆ	ವಿವರಗಳು ನಾನ್- ರೆಕರರಿಂಗ್ (Non recurring)	ಒಟ್ಟು ಪ್ರಮಾಣ	ವಿತಂದಾಸದಿಂದ ಅನುಮೋದನೆ ನೀಡಿದ ಮೊತ್ತ (ರೂ.ಗಳಲ್ಲಿ)
1	Network analyzer (R12G Hz PNA series with calibration kit)	01	12,80,000.00
	ಒಟ್ಟು ನಾನ್- ರೆಕರರಿಂಗ್ ಮೊತ್ತ		12,80,000.00

ರೆಕರರಿಂಗ್ ಪಟ್ಟಿ (Recurring)		
1	Chemicals/glasswares/plasticwares/biological specimen	2,000.00
2	Electrical and Electronics spare parts	3,000.00
3	Mechanical spare parts	2,000.00
4	Contingency -	4,000.00
5	Books and Journals	1,000.00
	ಒಟ್ಟು ರೆಕರರಿಂಗ್ ಮೊತ್ತ	12,000.00
	ಒಟ್ಟು ನಾನ್- ರೆಕರರಿಂಗ್ ಮತ್ತು ರೆಕರರಿಂಗ್ ಮೊತ್ತ	12,92,000.00

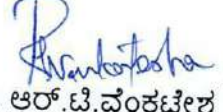
Note: ಮುಂದುವರೆದು, ಬಾಕಿ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತ ಹಾಗೂ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನಕ್ಕೆ ಕ್ರೋಡೀಕೃತಗೊಳ್ಳುವ ಬಡ್ತಿ ಮೊತ್ತವನ್ನು "Managing Director, KSTePS, Bangalore" ರವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ ಡಿ.ಡಿ. ಮೂಲಕ ಹಿಂತಿರುಗಿಸುವುದು.

ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಅನುದಾನವನ್ನು ಬಳಸುವಾಗ ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು:

- 1) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಗಲೀ ಅಥವಾ ಬೇರೆ ಸಂಸ್ಥೆಗಳ ಮುಖಾಂತರವಾಗಲೀ ಅನುಷ್ಠಾನಗೊಳಿಸುವಾಗ ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ - 1999 ಮತ್ತು ನಿಯಮಗಳು 2000 (KTPP Act - 1999 & Rules - 2000), ಕರ್ನಾಟಕ ಆರ್ಥಿಕ ಸಂಹಿತೆ (KFC) ಹಾಗೂ ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗಸೂಚಿಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಮತ್ತು ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು/ ಪಾಲಿಸುವುದು.
- 2) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗುವ ಅನುದಾನದಿಂದ ಅನುಮೋದಿತ ಪಾರ್ಟ್-ಎ (Part-A) ದಾಖಲೆಯಲ್ಲಿ ನಮೂದಿತವಾಗಿರುವ ಉಪಕರಣಗಳ/ವಸ್ತುಗಳನ್ನು ಮಾತ್ರ ಖರೀದಿಸುವುದು. ಇದರಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- 3) ರೂ.1.00 ಲಕ್ಷ ಮತ್ತು ಅದಕ್ಕಿಂತ ಹೆಚ್ಚಿನ ಬೆಲೆಯ ಉಪಕರಣಗಳನ್ನು ಇ-ಟೆಂಡರ್ ಮೂಲಕ ಮಾತ್ರ ಖರೀದಿಸತಕ್ಕದ್ದು. ರೂ.1.00 ಲಕ್ಷಕ್ಕಿಂತ ಕಡಿಮೆ ಬೆಲೆಯ ಉಪಕರಣಗಳನ್ನು ಮಾನ್ಯುಯಲ್ ಟೆಂಡರ್ ಮೂಲಕ ಖರೀದಿಸಬಹುದು.

- 4) ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಬಿಡುಗಡೆ ಮಾಡುವ ಅನುದಾನವನ್ನು ಅಗತ್ಯಕ್ಕೆ ಅನುಗುಣವಾಗಿ ನೀಡಲಾದ ಉದ್ದೇಶಕ್ಕೆ ಮಾತ್ರ ಬಳಸುವುದು ಹಾಗೂ ಸದರಿ ಅನುದಾನಕ್ಕೆ ಬರುವ ಬ್ಯಾಂಕ್ ಬಡ್ಡಿ ಮೊತ್ತವನ್ನು ಯಾವುದೇ ಕಾರಣಕ್ಕೂ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಳಸಿಕೊಳ್ಳಲು ಅನುಮತಿ/ಅವಕಾಶವಿರುವುದಿಲ್ಲ ಈ ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತ ಪ್ರಮಾಣ -ಪತ್ರದೊಂದಿಗೆ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಟೆಪ್ಸ್ ರವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ ಡಿ.ಡಿ. ಮೂಲಕ ಹಿಂತಿರುಗಿಸುವುದು.
- 5) ತಮ್ಮ ಸಂಸ್ಥೆಗೆ ಸದರಿ ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗಿರುವ ಅನುದಾನದಲ್ಲಿ ಬಳಕೆಯಾಗದ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತವನ್ನು ಮುಂದಿನ ಕಂತಿನ ಅನುದಾನದಲ್ಲಿ ಕಡಿತಗೊಳಿಸಿ ಉಳಿದ ಅನುದಾನವನ್ನು ಬಿಡುಗಡೆ ಮಾಡಲಾಗುವುದು, ಅಥವಾ ಕೊನೆ ಕಂತು ಆಗಿದ್ದಲ್ಲಿ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತವನ್ನು ಹಿಂತಿರುಗಿಸುವುದು.
- 6) ಯೋಜನೆಯನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸುವಾಗ ಸರ್ಕಾರದ ಎಲ್ಲಾ ಮಾರ್ಗಸೂಚಿಗಳು, ನಿಯಮಗಳು ಮತ್ತು ಷರತ್ತುಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಅನುಸರಿಸತಕ್ಕದ್ದು.
- 7) ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಯಾವುದೇ ಹಂತದಲ್ಲಿ ಯಾವುದೇ ಮಾಹಿತಿಯ ಅಗತ್ಯವಿದ್ದಲ್ಲಿ, ವಿತಂದಾಸ ಕಛೇರಿಯನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು.

ತಮ್ಮ ವಿಶ್ವಾಸಿ,

 21/02/2023
ಡಾ. ಆರ್.ಟಿ.ವೆಂಕಟೇಶ

ವಿಜ್ಞಾನಿ-ಎಸ್.ಇ, ಕೆಸ್ಟೆಪ್ಸ್ /ಸಂಯೋಜಕರು, ವಿತಂದಾಸ

ಪ್ರತಿ: ಡಾ ಶ್ರೀವಿಜಯ್ ಎಸ್ ಇಟ್ಟಣ್ಣವರ್

ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಅಂಡ್ ಕಮ್ಯುನಿಕೇಷನ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ

SJPN ಟ್ರಸ್ಟ್ ಹಿರಾಶುಗರ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ

ನಿಡಸೋಶಿ, ಹುಕ್ಕೇರಿ ತಾಲೂಕು, ಬೆಳಗಾವಿ ಜಿಲ್ಲೆ -591 236

Selected VGST beneficiaries of FY 2022-23- reg

2 messages

Co-ordinator, VGST <visiongroup.st@gmail.com>

Fri, Jan 12, 2024 at 2:45 PM

Bcc: mmshivashimpi.mech@hsit.ac.in


Dear Sir/Madam,

Please find attached a letter intimating the selection of your proposal for FY 2022-23. An individual intimation letter will be sent shortly to each of the selected PIs of the selected proposal.

Thanking you,

Best regards,

Dr. R. T. Venkatesha MSc (Ag), Ph.D.
Scientist - SE, KSTePS
Coordinator, Vision Group on Science and Technology (VGST)
Department of Electronics, IT, Bt and Science & Technology,
Government of Karnataka,
#702, 4th Gate, 7th Floor, M.S. Building,
Dr. Ambedkar Veedhi,
Bengaluru 560001.
Ph: 080-2203-2013
Email: visiongroup.st@gmail.com
<https://vgstdst.karnataka.gov.in>

 Letter to beneficiaries of VGST-2022-23.pdf
468K


IQAC Coordinator
Hirasugar Institute of Technology
Nidasoshi-591236


PRINCIPAL
Hirasugar Institute of Technology
Nidasoshi-591 236





VISION GROUP ON SCIENCE AND TECHNOLOGY
Department of Electronics, IT, Bt and S & T, Government of Karnataka

List of proposals recommended by VGST for funding during the FY 2022-23

Scheme: Karnataka Fund for Infrastructure Strengthening in Science & Technology Level 1 (K-FIST L1)

Sl. No.	Details of Principal Investigator	Title of the Project	Scheme	Subject	Funds to be released during the 1st year (Rs. in lakhs)	Funds to be released during the 2nd year (Rs. in lakhs)	Total Amount (Rs. in lakhs)
10	Dr. Thangam S, Assistant Professor (SG), Department of Computer Science and Engineering, Amrita Vishwa Vidyapeetham - Bengaluru Campus, Kasavanahalli, Carmelaram Post, Off Sarjapur Road, Bengaluru - 560 035	IoT Solution for Cerebral Palsy in Children	K-FIST- L1	Computer Science/Information Science Engineering/Information Technology	10.00	10.00	20.00
11	Dr. Divya Biligere Shivanna, Associate Professor, Department of Computer Science and Engineering, M. S. Ramaiah University of Applied Sciences, University House, Gnanagangothri Campus, New BEL Road, MSR Road, Bangalore North, Bengaluru - 560 054	Development of a Computer Aided Diagnosis, and Prognosis of common odontogenic Jaw Lesions, on Whole Slide Histopathology Images of incisional biopsies- A Retrospective Cohort Study	K-FIST- L1	Computer Science/Information Science Engineering/Information Technology	10.00	10.00	20.00
12	Dr. Sangamesh G Sakri, Associate Professor, Department of Electrical & Electronics Engineering, P.D.A. College of Engineering, Aivan-E-Shahi Area Station, Kalaburagi - 585 102	Facility for study and development of protection schemes for power system	K-FIST- L1	Electrical and Electronics Engineering	10.00	10.00	20.00
13	Dr. Mahantesh Murigeppa Shivashimpi, Associate Professor, Department of Mechanical Engineering, Hirasugar Institute of Technology, Nidasoshi - 591 236, Hukkeri Taluk	Establishing the facility for - dynamic Fatigue systems to study fatigue properties of surface characterized engineering Materials	K-FIST- L1	Mechanical Engineering	10.00	10.00	20.00

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Hirasugar Institute of Technology
Nidasoshi-591236

Prof. Navakanta Bhat
Chairman, VGST Sub-Committee
HSC, Bengaluru - 560 042

Prof. C.N.R. Rao, F.R.S.,
Chairman
Vision Group on Science and Technology
HSCSP, Hukkeri Campus, Bengaluru-560 064

PRINCIPAL
Hirasugar Institute of Technology
Nidasoshi-591 236



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ

ವಿದ್ಯುನ್ಮಾನ, ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ

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; ಇಮೇಲ್: ksteps.dst@gmail.com

ಸಂಖ್ಯೆ: ಕೆಸ್ವೆಪ್ಸ್/ವಿತಂದಾಸ/ಪ್ರ.ಆ.2022-23/2023-24

ದಿನಾಂಕ: 12ನೇ ಜನವರಿ, 2024

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2022-23ನೇ ಸಾಲಿನ ವಿತಂದಾಸ ಯೋಜನೆಯಡಿ ತಮ್ಮ ಪ್ರಸ್ತಾವನೆಯು
ಆಯ್ಕೆಯಾಗಿರುವ ಬಗ್ಗೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ (ವಿತಂದಾಸ) 2022-23ನೇ ಸಾಲಿನ
ಯೋಜನೆಗಳಿಗೆ ಧನಸಹಾಯಕ್ಕಾಗಿ ತಾವು ಪ್ರಸ್ತಾವನೆಯನ್ನು ಸಲ್ಲಿಸಿದ್ದಕ್ಕೆ ಧನ್ಯವಾದಗಳು ಹಾಗೂ
ಸದರಿ ಪ್ರಯತ್ನಕ್ಕೆ ನಾವು ನಿಮ್ಮನ್ನು ಪ್ರಶಂಸಿಸುತ್ತೇವೆ.

2022-23ನೇ ಸಾಲಿನಲ್ಲಿ ಸಲ್ಲಿಕೆಯಾಗಿದ್ದ ಪ್ರಸ್ತಾವನೆಗಳನ್ನು ತಜ್ಞರ ಸಮಿತಿಯು ಪರಿಶೀಲಿಸಿ,
ಮೌಲ್ಯಮಾಪನವನ್ನು ಕೈಗೊಂಡಿರುತ್ತದೆ. ತಾವು ಧನಸಹಾಯಕ್ಕಾಗಿ ಸಲ್ಲಿಸಿದ್ದ ಪ್ರಸ್ತಾವನೆಯು
ಆಯ್ಕೆಯಾಗಿರುತ್ತದೆ ಎಂದು ತಿಳಿಸಲು ಹರ್ಷಿಸುತ್ತೇವೆ ಹಾಗೂ ಹೈತ್ಸೂರ್ವಕ
ಅಭಿನಂದನೆಗಳನ್ನು ಸಲ್ಲಿಸುತ್ತೇವೆ. 2022-23ನೇ ಸಾಲಿನಲ್ಲಿ ಆಯ್ಕೆಯಾಗಿರುವ ಪ್ರಸ್ತಾವನೆಗಳ
ಪಟ್ಟಿಯನ್ನು ವಿತಂದಾಸ ಜಾಲತಾಣ: <https://vgstdst.karnataka.gov.in> ಇಲ್ಲಿ ಪ್ರಕಟಿಸಲಾಗಿದ್ದು,
ತಾವು ವೀಕ್ಷಿಸಬಹುದಾಗಿದೆ.

ಮುಂದುವರಿದು, ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ವಿತಂದಾಸಕ್ಕೆ ಸಲ್ಲಿಸುವಂತೆ ಸೂಚನಾ ಪತ್ರವನ್ನು
ಸದ್ಯದಲ್ಲೇ ನಿಮಗೆ ಕಳುಹಿಸಲಾಗುವುದು. ಸದರಿ ಪತ್ರದ ಸೂಚನೆಯಂತೆ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು
ವಿತಂದಾಸಕ್ಕೆ ಸಲ್ಲಿಸಬೇಕಾಗುತ್ತದೆ.

ಮತ್ತೊಮ್ಮೆ, ತಮ್ಮ ಸಾಧನೆಗೆ ಅಭಿನಂದನೆಗಳು. ಈ ಯೋಜನೆಯು ನಿಮಗೆ ಮತ್ತು ನಿಮ್ಮ
ತಂಡಕ್ಕೆ ವೈಯಕ್ತಿಕ ಬೆಳವಣಿಗೆ ಮತ್ತು ವೃತ್ತಿಪರ ಯಶಸ್ಸನ್ನು ತರಲಿ ಎಂದು ಹಾರೈಸುತ್ತೇವೆ.

ಧನ್ಯವಾದಗಳೊಂದಿಗೆ,



ತಮ್ಮ ವಿಶ್ವಾಸಿ,

ನಿರ್ದೇಶಕರು (ತಾಂತ್ರಿಕ)

ವಿದ್ಯುನ್ಮಾನ, ಮಾತಂ, ಜೈತಂ ಮತ್ತು ವಿತಂ ಇಲಾಖೆ/
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ವೆಪ್ಸ್

IQAC Coordinator
Hirasugar Institute of Technology
Nidasoshi-591236

PRINCIPAL
Hirasugar Institute of Technology
Nidasoshi-591 236



उन्नत भारत अभियान
ग्रामीण विकास एवं प्रौद्योगिकी केंद्र
भारतीय प्रौद्योगिकी संस्थान, दिल्ली
हौजखास, नयी दिल्ली- 110016



UNNAT BHARAT ABHIYAN
INDIAN INSTITUTE OF TECHNOLOGY, DELHI
National Coordinating Institution

Address: V-405, IIT Delhi Main Rd, Block 5, Hauz Khas, New Delhi, 110016

Tel: +91-11-2659 1121/1157, Fax: +91-11-2659 1121

Email: unnatbharatabhiyaniitd@gmail.com

Date: January 30, 2023

To

Dr. S.N. Topannavar

Hirasugar Institute of Technology, Belagavi, Karnataka

Subject: Financial Sanction of Technical Intervention project (No. RP-03525G) under UBA 2.0

Dear Sir

1. This is to intimate you that Technology Intervention proposals under the category of “**Technology Development**”: Project-No: **RP-03525G** entitled, “**Advanced Community Solar Dryer for Agro Products**” submitted by you under the *Unnat Bharat Abhiyan 2.0 Program*, has been approved by **Sustainable Agriculture System SEG** and funded by the **National Coordinating Institute UBA 2.0 (IIT Delhi)** against **UTR No. – 269545171** vide dated **30-12-2022**.
2. You can use the grant for fulfilling the project objectives under the approved heads as per the proposal, using the established procedure of your institute and as per the UBA guidelines, within 6 months from the date of receiving of funds. Kindly note that the utilization of funds allowed under the head “General Contingency” should not be more than 10% of the total sanctioned fund.

Note: TA/ Honorarium is strictly not permitted in this project.

3. Any product/service developed under the sanctioned project must have UBA logo on it.
4. Detailed information of faculty in-charge and students/volunteers, who will be coordinating/ working under the sanctioned project, shall be shared in the project report submitted by your institution.
5. The project implementation location/site shall be selected in consideration with gram panchayat officials/ members.

6. Please take care that the position holders/Panchayat officials shall not be benefitted in person. Also, ensure that the project shall not be controversial in terms of beneficiaries. Selection of beneficiaries shall include the Marginalized communities or EWS Category as well.
7. Few videos and images shall be shared to the SEG Coordinator (for updating the status of the project), also the report shall contain good quality pictures of the project site/product/service and feedback from the villagers/beneficiaries.
8. For the projects related to training camps, awareness, rally etc., the in-charge shall share the material/posters/modules to be used in the villages, for the knowledge of SEG Coordinator and further comments, if any.

You are required to submit the completion report/5-6 photographs/3 min videos of the project within two months after the completion of the project to the competent authority of NCI-IIT Delhi, UBA2.0 cell. Without the submission of the completion report, the opportunity for funding of a new project will not be facilitated.



Prof. Vivek Kumar

National SEG Coordinator

Unnat Bharat Abhiyan (UBA 2.0)

National Coordinating Institute

Indian Institute of Technology, Delhi

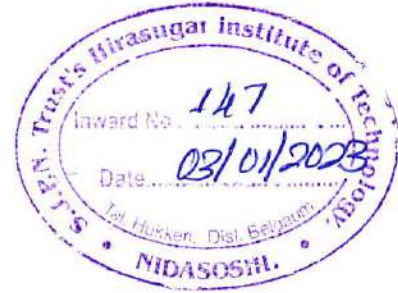
IRD IIT Delhi
IIT CAMPUS HAUZ KHAS

PAYMENT ADVICE

To
THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

Dear Sir/Madam,

Details of the transactions initiated through SBI CMP in favour of you are



PAYMENT_INVOICE_FIELDS	VALUES
JOURNAL_NUMBER	269545171
AMOUNT	1,00,000.00
DATE	30-12-2022
LINKAGE_FIELD	
AMOUNT	100000
TAX DEDUCTED	
PROJECT NO	
OUT REF NO	
DATE	
GROSS AMOUNT	100000
TOWARDS	PAYMENT TO PARTICIPATING INSTITUTE WORKING UNDER UBA VIDE GEN28593
BANK NAME	SBI
ACCOUNT NO	31868488488
IFSC CODE	SBIN0040302

Your Bank Account No: 31868488488

Your Bank IFSC Code: SBIN0040302

Please acknowledge receipt of the payment
For IRD IIT Delhi

Authorised Signatory

This is Computer generated advice and does not require any Signature



RG SN Toppa
31/12/22



S.N Topannavar <sntopannavar.mech@hsit.ac.in>

PROJECT PRESENTATION SEG-UBA

1 message

Sustainable Agriculture System SEG UBA <segubaiari@gmail.com>

Thu, Sep 8, 2022 at 2:23 PM

To: ramar@tnfu.ac.in, jbrandhawa2@gmail.com, noor.stphilos@gmail.com, matilda <matildags@yahoo.com>, rrmssosirasa@gmail.com, nss@kce.ac.in, chemphilip27@gmail.com, drbadhunano@gmail.com, snakhtar@iul.ac.in, mathsvcew@gmail.com, srinivasan_r@sastra.edu, hodcse@dsatm.edu.in, thakarear@rkneec.edu, jenitha@drtit.edu.in, director@glbitm.org, sangheethaa@gmail.com, principalbfcet@babafaridgroup.com, jesnaanver@tistcocin.edu.in, uba@aec.org.in, senthilar@srmsit.edu.in, uba@selvamtech.edu.in, HoD IT <hod-it@srec.ac.in>, rohit.shinde@dypiemr.ac.in, Registrar Brainware University <registrar@brainwareuniversity.ac.in>, sntopannavar.mech@hsit.ac.in, bmansj@gmail.com, rmsasiraja@gmail.com, julie.ajai@gmail.com, rbchoudhary@sasi.ac.in

Dear all,

Greetings!

We take this opportunity to express our heartfelt gratitude for your time and contribution towards SEG-UBA project proposal presentations.

Now, we are organizing presentations under SEG-UBA in next week.

There is an attached file with the final list of total proposals recommended under UBA SEG. Please prepare a presentation and share it with us within 2 days.

We will send you the link of the session soon till then please prepare your presentation and share that with us.

Thanks and Regards
Aanchal Solanki
Young Professional
UBA, IARI, New Delhi.

on Behalf of
Dr. B.S.Tomar
JDE & Head (Vegetable science)
Project Incharge, UBA
IARI, New Delhi - 110012



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30K



S.N Topannavar <sntopannavar.mech@hsit.ac.in>

Fwd: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

1 message

Dr.S.C.Kamate Principal,HIT, Nidasoshi(Belagavi) <principal@hsit.ac.in>
To: "S.N Topannavar" <sntopannavar.mech@hsit.ac.in>

Sat, Dec 31, 2022 at 1:32 PM

With Regards**Dr. S. C. Kamate****Professor & Principal****Hirasugar Institute of Technology****NIDASOSHI - 591236****Belgaum Dist, Karnataka, INDIA**

Cell: 9480849331; Phone: 08333-278887; Fax: 08333-278886

----- Forwarded message -----

From: <support.cmpcorp@alerts.sbi.co.in>

Date: Fri, Dec 30, 2022 at 5:24 PM

Subject: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

To: <principal@hsit.ac.in>

Cc: <cmpird@iitd.ac.in>

Dear Sir/Madam,

The attached beneficiary payment advice is for the credit to your account . This is issued at the request of our customer. The advice is for your reference only.

Yours faithfully,

SBI CMP Services

(Please do not respond to this email)

**GEN28593 SBI 281222_CMP00000000582908233.pdf**

2K

The final list of selected Project Proposals under SEG of Unnat Bharat Abhiyan

Sl No.	PI name and Institute name	AISHE Code	Email	Phone	Title of proposal	Overview of the proposal (please cover key points in 5-6 lines)	Funds requested
1	DR. M. RAMAR, COLLEGE OF FISHERIES ENGINEERING, NAGAPATTINAM	C-56483	ramar@tnfu.ac.in	9894919932	DEVELOPMENT OF EDIBLE PACKAGE TECHNOLOGY FOR FISH SOUP FOR ECONOMIC EMPOWERMENT OF VADAGUDI AND MANJAKOLLAI VILLAGERS	<ul style="list-style-type: none"> Based on the technology already developed by the PI, edible, economical and eco-friendly package will be prepared for packing and selling fish soup powder The developed edible package will serve the need of the villagers for marketing their fish soup powder. This technology is not available in the market. Hence the fish soup with edible package sold by the villagers will attract more customers. To prepare business plan and give wide publicity <p>Project Justification: Conventionally, soup powders are directly mixed with hot water and boiled for some time to cook the soup. There is no commercial technology available as soup packs similar to tea bags/packs. The PI has already developed edible packaging technology for fish soup powder. By developing this technology and transferring it to the villagers it can empower the village people economically</p>	1,00,000/-
2	DR JASMIRKAUR B RANDHAWA, GOVERNMENT COLLEGE OF ENGINEERING, NAGPUR	C-56586	jbrandhawa2@gmail.com	9403588460	BOILING OF TURMERIC USING HIGH PARABOLIC TROUGH SOLAR COLLECTOR.	<ol style="list-style-type: none"> To boil turmeric using solar energy without the use of traditional wood-fired boilers. To avoid environmental pollution. To eliminate the use of wood. To make the turmeric boiling process pollution-free. To reduce the time required for drying the cured turmeric 	1,00,000/-
3	DR. M. RAMAR, COLLEGE OF FISHERIES ENGINEERING, NAGAPATTINAM	C-56483	ramar@tnfu.ac.in	9894919932	SOLAR INFRARED HYBRID DRYER FOR HYGIENIC PRODUCTION OF DRY FISH	The overall objective of this proposal is to promote the hybrid solar drier for the fishers for hygienic dry fish production and entrepreneurship development of Nagapattinam fisherwomen's/entrepreneurs/SHG's. Fishing is one of the major occupations in the Nagapattinam district. Fishes are dried when the	1,00,000/-



						<p>propose an alternative approach to stubble management in a sustainable manner through in-situ as well as ex-situ composting using bio-decomposers. This would help in reducing environmental burden as well as improving soil health through carbon sequestration.</p> <p>Objectives</p> <ul style="list-style-type: none"> v To prepare the organic fertilizer in-situ and ex-situ by using paddy straw stubble waste and bio-decomposer v To maintain the nutrient quality of the vermicompost as well as soil quality v To conduct hands-on training programme on preparation of vermicompost v Technological development and awareness programme to reduce environmental pollution. v To enhance carbon sequestration by in situ residue management. 	
30	DR.S.N.TOPANNAVAR, HIRASUGAR INSTITUTE OF TECHNOLOGY	C-1409	sntopannavar.mech@hsit.ac.in	9482440235	ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS	<p>Ø To eliminate the unwanted and unpredictable food spoilage of the agro products. Ø To study the characteristics and performance of the solar dryer system with continuous feeding & outlet mechanism. Ø To develop a solar dryer system for quality ensured products. Ø To Design & Develop low cost & Product based Automated (Ardunio Controlled) Solar Cabinet Dryer for the welfare of Farmers & Food Processing Industries. Ø To achieve favorable temperature for various agri-products with different wetness with the help of effective Solar Tracking system.</p>	1,00,000/-



30/12



S.N Topannavar <sntopannavar.mech@hsit.ac.in>

Fwd: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

1 message

Dr.S.C.Kamate Principal,HIT, Nidasoshi(Belagavi) <principal@hsit.ac.in>
To: "S.N Topannavar" <sntopannavar.mech@hsit.ac.in>

Sat, Dec 31, 2022 at 1:32 PM

With Regards**Dr. S. C. Kamate****Professor & Principal****Hirasugar Institute of Technology****NIDASOSHI - 591236****Belgaum Dist, Karnataka, INDIA**

Cell: 9480849331; Phone: 08333-278887; Fax: 08333-278886

----- Forwarded message -----

From: <support.cmpcorp@alerts.sbi.co.in>

Date: Fri, Dec 30, 2022 at 5:24 PM

Subject: SBI CMP ePayment Advice - THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

To: <principal@hsit.ac.in>

Cc: <cmpird@iitd.ac.in>


Dear Sir/Madam,

The attached beneficiary payment advice is for the credit to your account . This is issued at the request of our customer. The advice is for your reference only.

Yours faithfully,

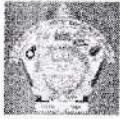
SBI CMP Services

(Please do not respond to this email)

 GEN28593 SBI 281222_CMP00000000582908233.pdf

2K





S.N Topannavar <sntopannavar.mech@hsit.ac.in>

Submission of Presentation PPT of AISHE Code:C-1409- Dr.S.N.Topannavar, PI & Program Coordinator-UBA, Hirasugar Institute of Technology

1 message

Dr.S.N.Topannavar <sntopannavar.mech@hsit.ac.in>
To: segubaiari@gmail.com

Sat, Sep 10, 2022 at 12:01 PM

Respected sir,
Ref: Your E-mail dated: 8th September 2022

With reference to the above cited subject and your e-mail, I am herewith submitting the presentation PPT of my proposal in PPT and pdf forms.

I kindly request you to accept and acknowledge the same and do the needful.

Thanking you,

Yours faithfully

-Dr.S.N.Topannavar
PI & Program Coordinator-UBA
Dean (R&D) and Professor & Head, Mech. Engg. Dept.
Hirasugar Institute of Technology
At/Post:Nidasoshi-591236
Tal:Hukkeri, Dist Belagavi
Mobile No.:9482440235

With warm regards

Dr.S.N.Topannavar

Dean (Research & Development)
Professor & Head, Mech. Engg. Dept.
Hirasugar Institute of Technology
At/Post:NIDASOSHI,PIN:591 236
Tal:Hukkeri, Dist:Belagavi, State:Karnataka, INDIA
Mobile: 9482440235

2 attachments

UBA-Advanced Community Solar Dryer.pptx
663K

UBA-Advanced Community Solar Dryer.pdf
892K



Our Project enlisted in page No. 19 of 23
(enclosed-final selected list)
Chop.
10/9/22.

Applied for :	Technology Development
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi
UBA Coordinator Name :	Dr.S.N.Topannavar
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in
UBA Coordinator Contact No :	9482440235
State :	Taluka: Hukkeri Dist: Belagavi Karnataka PIN:591236

PROJECT TITLE:ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS

Objectives:

- To produce spoilage free agro-products for long term storage and export quality.
- To study the characteristics performance of the solar dryer system with continuous and flexible feeding & outlet mechanism.
- To achieve agro-product based optimum dryness and health conscious ingredients.
- To Design & Develop affordable & Product based Automated (Ardunio Controlled) Solar Cabinet Dryer for the welfare of Farmers & Food Processing Industries.
- To achieve favorable temperature for various agro-products with the help of effective Solar Tracking system.

Justification for the project:

i) Problem Statement:

To study and develop a solar dryer in which the grains are dried continuously by circulating heated air from the solar air heater with the help of manual solar tracking system. The problem of low, medium & large scale processor could be alleviated, if the solar dryer is designed and constructed with the consideration of overcoming the limitation of direct & indirect type of solar dryer. So therefore, this work will be based on importance of a solar dryer which is reliable and economically viable, adoptive design. The controlled drying of the various agro products with the help of the Ardunio controlled parameters. The project will help the farmers to enhance their economy and drying problems of various agro products.

ii) Priority Needs:

1. The prime priority to the farmer for drying of grains, as they will receive benefit of this.
2. The Second Priority To Food Processing Industries To Increases The Food Quality.
3. Community and APMC level
4. Scaled-up model at Taluka and Zilla Panchayath level

iii) Proposed approach/Technical Intervention/customization:

- Conducting field surveys to study the technical, commercial and societal parameters.
- Consolidation of recommendations from survey analysis.
- Visited to farm and had conversation with farmers about what problems they are facing.
- And we pointed to main problem which they were facing that was drying of grains.
- We can to know about how farmers dry they grains. They use to dry the grains on road side.
- And then we listed the problems which they were facing Problems like: unpredictable food spoilage, more time consumption & unwanted thing mixing with grains.
- Scale-up of pilot model to the community level

iv) Brief plan of activities and implementation timeline:

Project starts from March, 2022 :

Month	Weeks	Tasks Completed
March	2 weeks	Conducting field surveys to study the technical, commercial and

		societal parameters. Consolidation of recommendations from survey analysis. To figure out the problem of drying of grains
March	2 weeks	Materials Selection & modelling
April	3weeks	Design Thinking
April-May	4 weeks	Fabrication Work
May-June	5 weeks	Experimentation with Raw materials &Agro-Products
June-July	4 weeks	Analysis, Results & Discussion
August	2 weeks	Conclusion

Methodology, Materials and Financial Resources:

Methodology:

The stepwise methodology to complete our Project is as below.

Step 01: Literature and field Surveys to study the technical, commercial and societal parameters, Analysis and Recommendations

Step 02: Defining problem statement of the Project (Title)

Step 03: With the help scope defining objectives

Step 04: Material/Component selection and modelling & design of parts

Step 05: Design thinking process to achieve objectives

Step 06: Assembling and Fabrication

Step 07: Lab and field experiments of pilot model. Experimentation with raw material &Agro-Products

Step 08: Analysis, Results & Discussions and recommendations

Step 09: Feedback from the farmer and market/industry and incorporation

Step 10: Based on the resources Scaling-up/prototyping of the device to the community level and Conclusion/s

Materials:

Fiber Glass Body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass Cover, Arduino UNO, Temperature Sensor(DHT11),Trays, Metal Beams For Body Fabrication&Fibre glass For Solar Air Heater.

Financial Resources:

Budget	Amount in Rs.
a) Materials, Design and Development of Fiber glass body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass cover, Arduino UNO, Temperature Sensor(DHT11), Trays, Metal Beams For Body Fabrication, Fiber glass For Solar Air Heater.	70000.00
b) FabricationLabor Charge	8000.00
c) Travelling Expenses& Running cost	20000.00
d) Site preparation cost	10000.00
e) Miscellaneous	10000.00
Total cost of the Technology in Rs.	118000.00

Outcome of the Project:

The expected outcomes of our project are as below:

- Arduinio Controlled agro-product based drying.
- Affordable Cost agro-product Solar based Dryer.
- Increased farmer income by quality product.
- Automated & Product based controlled Drying.
- Quality ensured Products Portable & Movable Farmer Friendly Dryer.

Proposal in Online Format

Applied for :	Technology Development		
Name of the College/ Institution :	Hirasugar Institute of Technology, Nidasohsi		
UBA Coordinator Name :	Dr.S.N.Topannavar		
UBA Coordinator mail id :	sntopannavar.mech@hsit.ac.in		
UBA Coordinator Contact No :	9482440235		
State :	Taluka: HukkeriDist: BelagaviKarnataka PIN:591236		
SEG Name:	Expert Group (SEG) of IIT Delhi, Rural Energy Systems		
RCI:	IIT Bombay		
AISHE Code of the College:	C-1409		
Adopted Villages are:	Nidasoshi, Ammanagi, Kesti, Borgal&Hattarwat		
Title:	ADVANCED COMMUNITY SOLAR DRYER FOR AGRO PRODUCTS		
Village where it is to be implemented:	Nidasoshi		
Why this technology is required (Objective of the project maximum 200 word):	<ul style="list-style-type: none"> ➤ To produce spoilage free agro-products for long term storage and export quality. ➤ To study the characteristics performance of the solar dryer system with continuous and flexible feeding & outlet mechanism. ➤ To achieve agro-product based optimum dryness and health conscious ingredients. ➤ To Design & Develop affordable & Product based Automated (Ardunio Controlled) Solar Cabinet Dryer for the welfare of Farmers & Food Processing Industries. ➤ To achieve favorable temperature for various agro-products with the help of effective Solar Tracking system. 		
Total Cost of the Product/Technology:	Budget	Amount	
	a) Materials, Design and Development of Fiber glass body, Solar Panel, Blower, Absorber Plate, Orifice meter, Glass cover, Arduino UNO, Temperature Sensor(DHT11), Trays, Metal Beams For Body Fabrication, Fibre glass For Solar Air Heater.	70000.00	
	b) Fabrication Labor Charge	8000.00	
	c) Travelling Expenses & Running cost	20000.00	
	d) Site preparation cost	10000.00	
	e) Miscellaneous	10000.00	
	Total Cost of the Technology	118000.00	
Fund raised from:	NA		
Describe your role as PI at various stage of the project (max 500 words):	The role of PI is to identify the needs of the village people by carrying out the survey in adopted villages. Based on the need analysis of village people, technically feasible and economically		

	<p>viable system design is proposed for technological development and implementation through procurement of materials and accessories. After designing, testing of the proposed system is done.</p> <p>For smooth and safe operation of the system, necessary awareness with all information related to the project is provided to the beneficiary.</p> <ol style="list-style-type: none"> 1. Design and Development Stage: Suitable Human resource mobilization and laboratory supports 2. Implementation Stage: Coordination between Gram Panchayat & SEG Members 3. Outcome Analysis Stage: Suitable human resource mobilization
Process of execution of the project:	<p>The stepwise methodology to complete our Project is as below.</p> <p>Step 01: Literature and field Surveys to study the technical, commercial and societal parameters, Analysis and Recommendations</p> <p>Step 02: Defining problem statement of the Project (Title)</p> <p>Step 03: With the help scope defining objectives</p> <p>Step 04: Material/Component selection and modelling & design of parts</p> <p>Step 05: Design thinking process to achieve objectives</p> <p>Step 06: Assembling and Fabrication</p> <p>Step 07: Lab and field experiments of pilot model. Experimentation with raw material & Agro-Products</p> <p>Step 08: Analysis, Results & Discussions and recommendations</p> <p>Step 09: Feedback from the farmer and market/industry and incorporation</p> <p>Step 10: Based on the resources Scaling-up/prototyping of the device to the community level and Conclusion/s</p>
Who are the beneficiaries (ST, SC, OBC, Tribal etc.) and potential impact of technology on the beneficiary and village :	Farmers having less farming land. The socio economic development of village farmers and Gram Panchayat level/Community level and APMC level.
Duration of Project:	12 Months
Role of stake holders in maintaining sustainability after the project duration (please mention point wise role of participating stake holders):	<ol style="list-style-type: none"> 1) Solar system related maintenance work 2) Acquiring skills to operate automated system 3) Suggesting to institute level SEGs for further improvement in design and development 4) Addressing the grievances of the farmers and resolving 5) Scaling of the project
Execution of the project along with role of all participating stakeholders (write point wise max 500 words) :	<p>i) Problem Statement:</p> <p>To study and develop a solar dryer in which the grains are dried continuously by circulating heated air from the solar air heater with the help of manual solar tracking system. The problem of low, medium & large scale processor could be alleviated, if the</p>

	<p>solar dryer is designed and constructed with the consideration of overcoming the limitation of direct & indirect type of solar dryer. So therefore, this work will be based on importance of a solar dryer which is reliable and economically viable, adoptive design. The controlled drying of the various agro products with the help of the Arduinio controlled parameters. The project will help the farmers to enhance their economy and drying problems of various agro products.</p> <p>ii) Priority Needs:</p> <ol style="list-style-type: none"> 1. The prime priority to the farmer for drying of grains, as they will receive benefit of this. 2. The Second Priority To Food Processing Industries To Increases The Food Quality. <p>ii) Proposed approach/Technical Intervention/customization:</p> <ul style="list-style-type: none"> ➤ Conducting field surveys to study the technical, commercial and societal parameters. ➤ Consolidation of recommendations from survey analysis. ➤ Visited to farm and had conversation with farmers about what problems they are facing. ➤ And we pointed to main problem which they were facing that was drying of grains. ➤ We can to know about how farmers dry they grains. They use to dry the grains on road side. ➤ And then we listed the problems which they were facing Problems like: unpredictable food spoilage, more time consumption&unwanted thing mixing with grains. ➤ Scale-up of pilot model to the community level
Impact of this work on learning of students/ teachers:	Resolving the farmers' problems related to their agro products. Using of advanced technology to enhance the value of the agro products. Technology intervention in the agriculture.
Role of PI after completion of the project duration.	<ol style="list-style-type: none"> 1) Scaling of the project to reach all need people of the adopted villages 2) Preparing DPR to the district level 3) Automation for feeding and outlet mechanism to increase productivity 4) Steps to increase the performance and efficiency of the project 5) Design and development towards increasing the quality of the agro products for exporting. 6) Steps towards to add relevant values to the agro products.
Enter Name and Contact details of students involved in this project:	<p>1. AMIT.P.THORAT E-mail: amitandthorat19@gmail.com Mobile No.:7337722814</p> <p>2.SHWETA.M. KUMBAR Email id:shwetakumbar1999@gmail.com Mobile No.: 8296654234</p> <p>3. AJINKAYKUMAR.S.BHOSALE Email id: bhosaleajinkya41@gmail.com Mobile No.: 6360103570</p>

	<p>4. SHRIDHAR.B.MUDIGOUD Emailid:shridharmudigoud1198@gmail.com Mobile No.: 8105443562</p>
<p>Enter Name and Contact details of peoples those will be involved in this project (From UBA connected / adopted village):</p>	<p>1. Dr.M.M.Shivasimpi (Mobile no.:9742197173) 2. Prof,M,I,Tanodi (Mobile no.:9611998812) 3. Dr.K.M.Akkoli (Mobile no.:9739114856) 4. Prof.D.N.Inamdar (Mobile no.:9591208980)</p>

Dr. S.N.Topannavar
Principal Investigator

Dr.S.N.Topannavar
UBA Program Coordinator





उन्नत भारत अभियान
राष्ट्रीय समन्वय संस्थान
भारतीय प्रौद्योगिकी संस्थान दिल्ली
हौज़ खास, नई दिल्ली-११००१६



UNNAT BHARAT ABHIYAN
NATIONAL COORDINATING INSTITUTE
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi - 110016
Website : <http://unnat.iitd.ac.in>

Prof. Virendra K. Vijay
National Coordinator, UBA
Professor CRDT, IITD

Tel. : +91-11-2659 1121/1157 (O)
Fax : +91-11-2659 1121
Email : unnatbharatabhiyaniitd@gmail.com
kvijay@rdat.iitd.ac.in

Dear Sir/Madam,

Congratulations to all the Participating Institutions (PIs) selected under Unnat Bharat Abhiyan, a flagship program of Ministry of Human Resource Development (MHRD) Government of India through a challenge mode application. The Mission of Unnat Bharat Abhiyan is to enable participating higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

As per the programme, educational institutions is primarily to develop linkage with selective rural clusters (preferably of five villages), to get involved in the planning process and to promote the requisite S&T interventions to improvise and expedite the developmental efforts in those clusters. The approach is a departure from the grant oriented method and would see the participation and commitment of faculty and students in this endeavour.

We shall be processing release of Rs. 10000/- per village under the UBA program. The funds are mainly meant for assistance for awareness, Gram Panchayat Development Plan (GPDP) study, need assessment, and contingency expenditure. There are provision of Rs 1.0 lakh for technological intervention/ solution and Rs 0.50/- lakh for customization of a technological solution under the program. Which you can avail of afterwards by submitting proposals with ratification of the Gramsabha. A two-way channel between PIs and National Coordinating Institute (NCI) as well as Subject Expert Groups (SEGs) for project proposal submission and evaluation has been developed and functional on UBA portal. You can use your login credential for uploading proposals on UBA website '**FINANCIAL AIDS**'. The login credentials are same as your registration login credentials.

You are also requested to keep IIT Delhi, the National Coordinating Institute updated about your activities so that the same can be uploaded on the website of UBA.

Regards and best wishes for your institution for contributing to India's development.

With regards

Your Sincerely,

Prof. Virendra K Vijay
National Coordinator,
Unnat Bharat Abhiyan



सूचना का
अधिकार

भारत सरकार
मानव संसाधन विकास मंत्रालय
उच्चतर शिक्षा विभाग
शास्त्री भवन
नई दिल्ली - 110 115
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF HIGHER EDUCATION
SHASTRI BHAVAN
NEW DELHI-110 115

Dr N Saravana Kumar, IAS
Joint Secretary (ICC/P)
Tel.: +91-11-23071486
Fax: +91-11-23071487
E-mail: saravana.kumar@gov.in

D.O. No.5-1/2016-UBA

Dated: 20th July, 2018

Dear District Collector,

As you may be aware, UNNAT BHARAT ABHIYAAN is a flagship programme initiated by Government of India with the objective to engage reputed Higher Educational Institutions (both central and state; public and private) to understand and work in rural areas. As of now, 750 reputed institutions have been selected on a challenge mode. With the intention of enriching rural India, these selected Institutions are expected to customise the available technologies or develop new technologies as per the local needs and also to improve the implementation of existing government programmes.

The details of the selected Higher Educational Institute(s) in your district, along with the selected 5 villages and also the contact details of Project Coordinator of the said institute(s) are attached herewith.

I request you to facilitate the works of the selected Institute(s) in the identified villages, through following interventions:

1. Facilitate meeting of Project Coordinator with all concerned stakeholders like Gram Panchayats, BDOs, District Development Authority etc.
2. Your guidance to the selected Institute(s), with regard to the needs of the district/ selected villages;
3. Mobilisation of funds from district administration or other sources to the Institute, if possible, in accordance with the activities under UBA.
4. Time to Time review under your leadership.

In this regard Secretary, Higher Education has also requested for facilitation vide D.O. No 5-1/2016-UBA dated 16-4-2018.

IIT, Delhi is the National Coordinating Institute for the implementation of Unnat Bharat Abhiyan. For any clarification, your office may contact IIT Delhi (unnatbharatabhiyaniiitd@gmail.com) / 011-26591157/26596451 or the undersigned.

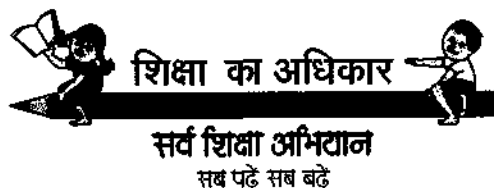
Thanking you,

Yours sincerely,

(N Saravana Kumar)

Enclosed: As above

Copy To :- Secretary, Higher Education of all States/UT's.





S.N Topannavar <sntopannavar.mech@hsit.ac.in>

Seed Money Fund Transfer Details

3 messages

Unnat Bharat Abhiyan <unnatbharatabhiyaniitd@gmail.com>

Tue, Apr 13, 2021 at 4:49 PM

To: Virendra kumar Vijay <vkvijay14@gmail.com>, Vivek Kumar <vivekk@rdat.iitd.ac.in>, Priyanka Kaushal

<priyankak@rdat.iitd.ac.in>, Virendra Kumar Vijay <vkvijay@rdat.iitd.ac.in>

Cc: meeta bolia <meeta.uba@gmail.com>, manishdsp009@gmail.com

Bcc: sntopannavar.mech@hsit.ac.in

Dear Sir/Madam,

Namaskar!**With Due Respect,**

Your fund has been released please find the attached document for UTR detail.

For any query feel free to contact me.

With Regards,**Manish Kumar****Jr. Project Assistant(Tech)****Unnat Bharat Abhiyan(UBA)****Contact Number:9650050887**

On behalf of

Prof. Virendra K Vijay**National Coordinator - Unnat Bharat Abhiyan****IREDA Chair Professor**

Centre for Rural Development and Technology,

Indian Institute of Technology Delhi

Hauz Khas, New Delhi - 110016

Phone: +91-11-26591157, 26596351

Email: unnatbharatabhiyaniitd@gmail.com,vkvijay@rdat.iitd.ac.inWebsite: <http://unnatbharatabhiyan.gov.in>**GEN21560.xls**

18K

Principal HIT, Nidasoshi(Belagavi) <principal@hsit.ac.in>

Wed, Apr 14, 2021 at 11:27 AM

To: "S.N Topannavar" <sntopannavar.mech@hsit.ac.in>

With Regards**Dr. S. C. Kamate****Principal****Hirasugar Institute of Technology****NIDASOSHI - 591236****Belgaum Dist, Karnataka, INDIA**

Cell: 9480849331; Phone: 08333-278887; Fax: 08333-278886

[Quoted text hidden]

**GEN21560.xls**

18K

S.N Topannavar <sntopannavar.mech@hsit.ac.in>
To: "Principal HIT, Nidasoshi(Belagavi)" <principal@hsit.ac.in>

Wed, Apr 14, 2021 at 4:30 PM

Respected sir,
I have initiated related activities in discussion with Mr.Manish Kumar.
[Quoted text hidden]

IRD IIT Delhi
IIT CAMPUS,HAUZ KHAS

PAYMENT ADVICE

To
THE PRINCIPAL AND CHAIRMAN HIRASUGAR INSTITUTE OF TECHNOLOGY

Dear Sir/Madam,

Details of the transactions initiated through SBI CMP in favour of you are

PAYMENT_INVOICE_FIELDS	VALUES
JOURNAL_NUMBER	218444850
AMOUNT	50,000.00
DATE	30-03-2021
LINKAGE_FIELD	
AMOUNT	50000
TAX DEDUCTED	
PROJECT NO	
OUT REF NO	
DATE	
GROSS AMOUNT	50000
TOWARDS	PAYMENT TO PARTICIPATE INSTITUTES WORKING UNDER UBA VIDE GEN21560
BANK NAME	SBI
ACCOUNT NO	31868488488
IFSC CODE	SBIN0001727

Your Bank Account No: 31868488488

Your Bank IFSC Code: SBIN0001727

Please acknowledge receipt of the payment
For IRD IIT Delhi

Authorised Signatory

This is Computer generated advice and does not require any Signature