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Key Indicators	3.2: Resource Mobilization for Research
Metric No 3.2.1.1	Number of research projects funded by government and non-government agencies during the last five years.

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3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years

3.2.2 Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

SI No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration (Years)	Year of award or sanction	Amount in INR.
2022-2023						
1	Dr.P V Srihari	Setting up of a custom Engineered Electro chemical discharge machining system for microfluidic devices	VGST	2	2022	838,402.50
2	Dr.Sreevani S G	Mini Air cooler cum design and implementation of mosquito trap	NIAS	2	2022	197,100.00
3	Dr.Sreevani S G	Solar Based Motorized Fruit and Vegetable Harvesting Device	NIAS	2	2022	92,500.00
4	Dr.P R Venkatesh	Experimental investigation of damage monitoring in sandwich structure using vibration data for aircraft application	ARDB	2	2022	166,938.00
5	Dr.Uttara Kumari M, Dr.Usha Rani K Dr. Sujatha D,Badiger and Dr. M Govinda Raju	Development of Classifier Based on Deep / Machine learning Algorithms for Land based Munitions	DRDO	2	2022	935,817.00
6	Dr.Uttarakumari M and Dr Shireesha G	Design and Fabrication of flexible Artificial Basilar Epithelium	SERB	3	2022	1,561,000.00

7	Dr.Sreevani S G	Solar Iron Cart	FINP/ NIAS	2	2023	74,000.00
8	Dr.Rachana S Akki	Fabrication of Breast tissue mimicking phantoms, characterization of Elastic and Acoustic Properties with Numerical Model Validation	VGST	2	2023	750,000.00
9	Dr.Promio Charles	Investigation on out of wind tunnel open loop flutter experimental technizue for a wing with store	VGST	2	2023	1,000,000.00
10	Dr.Shantha Rangaswamy . Dr Ramakanth Kumar P,Manonmani and S, Pavithra H	Development of Deep Learning Based Algorithms for SAR image Semantic Segmentation	LRDE / CARS	2	2023	207,000.00
11	Dr.B Sathish Babu	BB84 Quantum key distribution (QKD) scheme demonstration using short LASER pulses and its applications	KSCST	1	2022	200,000.00
12	Dr.Gajalakshmi K	Quantifying spatial variability and removal of heavy metals in urban waste water by phytoremediation through constructed wetlands	VGST	2	2023	300,000.00
13	Dr Vidya Nirnanjan	A Novel multiomics approach to predict the possible long term complications of Covid 19	ICMR	2	2023	663,991.00
Total						6,986,748.50

R. V. COLLEGE OF ENGINEERING, BANGALORE - 59
PROJECT GRANT DETAILS FROM 01.04.2022 TO 31.03.23

(Amount in Rs.)

SI No	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Sanctioned during 2022-2023	Already Released	Balance anticipated Grants upto 2022-2023	Released during 2022-2023	Anticipated Grants	Date of Receipt	Remarks
1	Setting up of a custom Engineered Electro chemical discharge machining system for microfluidic devices	VGST	Dr.P V Srihari	Mech	20,00,000.00		10,00,000.00	10,00,000.00	8,38,402.50	1,61,597.50	07.05.2022	2nd installment
2	Mini Air cooler cum design and implementation of mosquito trap	NIAS	Dr.Sreevani S G	EEE	-	2,58,420.00	-	2,58,420.00	1,97,100.00	61,320.00	13.05.2022	
3	Solar Based Motorized Fruit and Vegetable Harvesting Device	NIAS	Dr.Sreevani S G	EEE	-	2,18,300.00	-	2,18,300.00	92,500.00	1,25,800.00	13.05.2022	
4	Experimental investigation of damage monitoring in sandwich structure using vibration data for aircraft application	ARDB	Dr.P R Venkatesh	Mech	12,19,100.00	-	10,52,162.00	-	1,66,938.00	-	21.06.2022	Final installment
5	Development of Classifier Based on Deep / Machine learning Algorithms for Land based Munitions	DRDO	Dr.Uttara Kumari M	ECE	37,50,865.00	-	24,64,648.00	12,86,217.00	9,35,817.00	3,50,400.00	21.07.2022	2nd installment
6	Design and Fabrication of flexible Artificial Basilar Epithelium	SERB	Dr.Uttarakumari M	ECE	-	29,97,500.00	-	29,97,500.00	15,61,000.00	14,36,500.00	16.08.2022	1st installment
7	AICTE Regional conference for UHV volunteers of Southern, South-Central, South-Western Region conducted during 28th to 30th April 2022	AICTE	Dr.Renukardevi M V	Civil	-	1,27,433.00	-	1,27,433.00	1,27,433.00	-	20.08.2022	
8	BB84 Quantum key distribution (QKD) scheme demonstration using short LASER pulses and its applications	KSCST	Dr.B Sathish Babu	AI&ML	-	2,00,000.00	-	2,00,000.00	2,00,000.00	-	07.10.2022	
9	UHV II FDP (05th to 09th September 2022)	AICTE	Dr.Renukardevi M V	Civil	-	1,82,500.00	-	1,82,500.00	1,82,500.00	-	25.11.2022	
10	Solar Iron Cart	FINP/NIAS	Dr.Sreevani S G	EEE	-	74,000.00	-	74,000.00	74,000.00	-	25.01.2023	
11	Fabrication of Breast tissue mimicking phantoms, characterization of Elastic and Acoustic Properties with Numerical Model Validation	VGST	Dr.Rachana S Akki	E&IE	-	15,00,000.00	-	15,00,000.00	7,50,000.00	7,50,000.00	16.03.2023	
12	Investigation on out of wind tunnel open loop flutter experimental technizue for a wing with store	VGST	Dr.Promio Charles	ASE	-	20,00,000.00	-	20,00,000.00	10,00,000.00	10,00,000.00	16.03.2023	
13	Quantifying spatial variability and removal of heavy metals in urban waste water by phytoremediation through constructed wetlands	VGST	Dr.Gajalakshmi K	Civil	-	3,00,000.00	-	3,00,000.00	3,00,000.00	-	21.03.2023	
14	CSR funding under conservation of Environment	Canfina	Dr.Lokeshwari	Civil	-	28,90,670.00	-	28,90,670.00	-	28,90,670.00		
15	Development of a novel ultrasonic dental scaler tip using duplex treatment of laser surface texturing and titanium based ceramic coatings for efficient tartar removal	BIRAC	Dr.Bharathish A	Mech	-	18,00,000.00	-	18,00,000.00	-	18,00,000.00		
16	Development of Deep Learning Based Algorithms for SAR image Semantic Segmentation	LRDE/CARS	Dr.Shantha Rangaswamy	CSE	-	9,77,040.00	-	9,77,040.00	2,07,000.00	7,70,040.00		
17	A novel multi-omics approach to predict the possible long-term complications of COVID-19	ICMR	Dr.Vidya Niranjan	BT	-	7,37,768.00	-	7,37,768.00	6,63,991.00	73,777.00	20.03.2023	
Grand Total Rs.					69,69,965.00	13,63,631.00	45,16,810.00	60,87,870.00	72,96,681.50	94,20,104.50		

S. S. Ramayya
PRINCIPAL





ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೂಸ್ಯೆ

ವಿದ್ಯುನ್ಮಾನ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಹೈವಿಶ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ,
ಕರ್ನಾಟಕ ಸರ್ಕಾರ

'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬನಶಂಕರಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560070

ದೂರವಾಣಿ: 080-26711166 ಇ-ಮೇಲ್: ksteps.dst@gmail.com



ನಂ. KSTePS/VGST/K-FIST L1/2017-18/GRD-678/5/2018-19/117

ದಿನಾಂಕ: 09.05.2022

ಮಾನ್ಯರೇ,

ವಿಷಯ: ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ K-FIST L1 ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡಿರುವ ಬಗ್ಗೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S. ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ) ವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಈ ಯೋಜನೆಯಡಿ ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 14 ವರ್ಷಗಳಿಂದ ರಾಜ್ಯಾದ್ಯಂತ ಯಶಸ್ವಿಯಾಗಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ. 2017-18ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Setting up of a Custom Engineered Electro Chemical Discharge Machining (ECDM) System for Microfluidic Devices" ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Karnataka Fund for Infrastructure Strengthening in Science and Technology (K-FIST L1) ಅಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನದ ಮೊತ್ತ ರೂ. 10.00 ಲಕ್ಷಗಳಲ್ಲಿ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನದ ಮೊತ್ತದಲ್ಲ ಉಳಕೆಯಾದ ಮೊತ್ತ ರೂ. 1,61,597.50/-ಗಳನ್ನು ಕಡಿತಗೊಳಿಸಿ, ಉಳಕೆ ಮೊತ್ತ ರೂ. 8,38,402.50/-ಗಳ ಅನುದಾನವನ್ನು ಕೆಸ್ತೆಪ್ಸ್‌ನಿಂದ The Principal, R V College of Engineering ಹೆಸರಿನ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ (UTR No. SBINR52022050782445877) RTGS ಮೂಲಕ ದಿನಾಂಕ: 7.05.2022 ರಂದು ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅನುದಾನವನ್ನು ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್ತೆಪ್ಸ್ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸುವುದು.

ಈಗಾಗಲೇ ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುವ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನದಲ್ಲಿ ಉಳಕೆಯಾಗಿರುವ ಮೊತ್ತ ರೂ. 1,61,597.50/-ಗಳನ್ನು ಮತ್ತು ಪ್ರಸ್ತುತ ಬಿಡುಗಡೆ ಮಾಡುತ್ತಿರುವ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನದ ಜೊತೆ ಸೇರಿಸಿಕೊಂಡು ಈ ಕೆಳಕಂಡ ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳನ್ವಯ ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು.

ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳು:

ಅ) ನಿಗದಿತ ನಮೂನೆಯಲ್ಲಿರುವಂತೆ ಪ್ರಾಯೋಜಕತ್ವದ ಸಂಸ್ಥೆ/ಇಲಾಖೆಯ ಹೆಸರನ್ನು ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗಳಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾಗಿರುವ ವಿತಂದಾಸದ ಸಂಶೋಧನಾ/ಬೋಧನಾ ಕೇಂದ್ರಗಳಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಬೋರ್ಡ್ (ಕನ್ನಡ ಮತ್ತು ಆಂಗ್ಲ ಭಾಷೆಯಲ್ಲಿ) ಅನ್ನು ಅಳವಡಿಸುವುದು.

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- ಆ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಾಗಲೀ 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 ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು/ಪಾಲಿಸುವುದು.
- ಇ) ಪ್ರತಿ 3 ತಿಂಗಳಿಗೊಮ್ಮೆ ಕಡ್ಡಾಯವಾಗಿ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಸೂಕ್ತ ದಾಖಲೆಗಳೊಂದಿಗೆ ವಿತಂದಾಸಕ್ಕೆ ಸಲ್ಲಿಸುವುದು.
- ಈ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗುವ ಅನುದಾನದಿಂದ ಅನುಮೋದಿತ ಪಾರ್ಟ್-ಎ (Part-A) ನಲ್ಲಿ ನಮೂದಿತವಾಗಿರುವ ಉಪಕರಣಗಳು ಮಾತ್ರ ಖರೀದಿಸುವುದು ಇದರಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- ಉ) 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.
- ಊ) ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಬಿಡುಗಡೆ ಮಾಡುವ ಅನುದಾನಕ್ಕೆ ಬ್ಯಾಂಕಿನಿಂದ ಬರುವ ಕ್ರೋಡೀಕೃತ (Accrued) ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತಾ ಪ್ರಮಾಣಪತ್ರದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ನಮೂದಿಸುವುದು ಮತ್ತು ಸದರಿ ಬಡ್ಡಿಯ ಮೊತ್ತದ ದೃಢೀಕರಣಕ್ಕೆ ಬ್ಯಾಂಕ್ ಖಾತಾ ಪಾಸ್ ಪುಸ್ತಕದ ನೋಂದಣಿಯ ಪ್ರತಿಯನ್ನು (Latest up-to-date bank passbook copy) ಅಥವಾ ಬ್ಯಾಂಕಿನಿಂದ ಪಡೆದ ದೃಢೀಕೃತ ಪತ್ರವನ್ನು ಕಡ್ಡಾಯವಾಗಿ ನೀಡುವುದು.
- ಋ) ಸದರಿ ಅನುದಾನದ ಬಿಡುಗಡೆಯ ದಿನದಿಂದಲೇ ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮವನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಕ್ರಮಕೈಗೊಂಡು ಒಂದು ವರ್ಷದ ಕಾಲಮಿತಿಯೊಳಗೆ ಸದರಿ ಅನುದಾನವನ್ನು ಕಡ್ಡಾಯವಾಗಿ ನಿಯಮಾನುಸಾರ ಬಳಸಿಕೊಂಡು ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮದ ಧೈಯೋದ್ದೇಶಗಳನ್ವಯ ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.
- ಎ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ಕ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ಅನುಷ್ಠಾನಗೊಳಿಸಿ ನೋಂದಾಯಿತ ಲೆಕ್ಕಪರಿಶೋಧಕರಿಂದ ಆಡಿಟ್ ಮಾಡಿಸಿ ವಿತಂದಾಸದ/ಕೆಸ್ವಿಪ್ಸ್ ಒದಗಿಸಿರುವ ನಮೂನೆಯ ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರವನ್ನು GRF-19A ನಲ್ಲಿ (ದ್ವಿಪ್ರತಿಯಲ್ಲಿ) ಮತ್ತು ಕಾರ್ಯಕ್ರಮದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಕಾಲಮಿತಿ ಮುಕ್ತಾಯಗೊಂಡ ಒಂದು ತಿಂಗಳ ಅವಧಿಯೊಳಗೆ ಕೆಸ್ವಿಪ್ಸ್ ಸಂಸ್ಥೆಯ ವಿತಂದಾಸ ಕಛೇರಿಗೆ ನೀಡುವುದು.

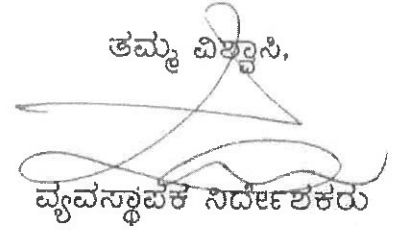
ಬಿ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗುವ ಅನುದಾನಕ್ಕೆ ಬ್ಯಾಂಕಿನಿಂದ ಕ್ರೋಡೀಕೃತವಾಗುವ (Accrued) ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರದೊಂದಿಗೆ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ವೆಪ್ಸ್ ಇವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ಡಿ.ಡಿ. ಮೂಲಕ ವಾಪಸ್ ನೀಡುವುದು.

ಬಿ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರತ್ಯೇಕವಾದ ದಾಖಲೆ ಪುಸ್ತಕವನ್ನು ನಿರ್ವಹಿಸುವುದು ಹಾಗೂ ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರು ಮತ್ತು ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕರು ಯೋಜನೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕಪತ್ರಗಳನ್ನು ಹಾಗೂ ಸಂಬಂಧಪಟ್ಟ ದಾಖಲೆಗಳನ್ನು ಸಂರಕ್ಷಿಸಿಡುವುದು. ಅಲ್ಲದೆ, ಸರ್ಕಾರದ ಮಹಾಲೇಖಪಾಲಕರು ಅಥವಾ ಕೆಸ್ವೆಪ್ಸ್ ಸಂಸ್ಥೆಯ ತಪಾಸಣೆ ಹಾಗೂ ಮೌಲ್ಯಮಾಪನಕ್ಕಾಗಿ ಕೋರಿದಾಗ ಸದರಿ ದಾಖಲೆಗಳನ್ನು ಒದಗಿಸುವುದು.

ಬಿ) ಕೆಸ್ವೆಪ್ಸ್/ ವಿತಂದಾಸದ ಅಧಿಕಾರಿಗಳು ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನ ಮತ್ತು ಪ್ರಗತಿಯ ಬಗ್ಗೆ ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಭೇಟಿ ನೀಡಿದಾಗ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ಮತ್ತು ಭೌತಿಕ ಪ್ರಗತಿಯ ವಿವರಗಳನ್ನು ಒದಗಿಸುವುದು.

ಶುಭಾಶಯಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,



ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

೨೪

ಇವರಿಗೆ,

The Principal
R V College of Engineering
Mysore Road, R V Vidyanikethan Post
Bengaluru-560 059

ಪ್ರತಿಗಳು:

1. Dr. P. V. Srihari, Department of Mechanical Engineering, R V College of Engineering
Mysore Road, R V Vidyanikethan Post, Bengaluru-560 059
2. ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ವಿಭಾಗ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 01, ಇವರ ಅವಗಾಹನೆಗೆ ಮತ್ತು ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ



Ashok Shivajirao & Co.
Chartered Accountants
No. 1127, 1st Floor, 5th Main Road, 'A' Block
Subramanyanagara, II Phase, Rajajinagara,
Bengaluru - 560 010

2022-23
①
CA. S. Ashok B.com., F.C.A
Mobile No. : 98454 63746
E-mail : caash20@gmail.com

UTILIZATION CERTIFICATE

GRD NO: 678

SCHEME AND INSTALMENT: Vision group on Science and Technology & K-FIST (L1), 2nd instalment

PROJECT TITLE: Setting up of a Custom Engineered Electro Chemical Discharge Machining (ECDM) system for Micro Fluidic Devices.

Sl. No.	Details	Amount
1	Previous year Balance (Opening Balance (OB), If any)	1,61,597.50
2	Grants Received (RTGS UTR: SBINR 52022050782445877 dt:07-05-2022)	8,38,402.50
3	Bank Interest (If any)	44,576.00
4	Total Available Grants (1+2+3)	10,44,576.00
5	Actual Grants Utilized (Statement of Expenditure Enclosed)	9,98,719.00
6	Unspent Balance (4-5)	45,857.00

Certified that Rs. 10,00,000.00 of grant-in-aid under KFIST (L1) was released by Vision Group on Science and Technology in favour of Principal, R V College of Engineering, R V Vidyaniketan Post., Mysore Road Bangalore-59 vide (Reference mails: April 25,2022/April 26,2023 letter No. KSTeS/VGST/GRD-678/KFIST(L1)/2018 as stated above during the year 2022-23. The above grant was sanctioned towards "Setting up of a Custom Engineered Electro Chemical Discharge Machining (ECDM) system for Micro Fluidic Devices". Out of sanctioned grants, a sum of Rs. 9,98,719.00 (Rupees Nine lakhs ninety-eight thousand seven hundred and nineteen only) has been utilized for the purpose of which it was sanctioned and Rs. 45,857.00 (forty-five thousand eight hundred and fifty-seven only) remained unutilized at end of the financial year 2023-24, to be refunded. Expenditure incurred for the purpose for which the grant was sanctioned is verified with the vouchers produced before me.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been 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.

③
Ru 21/02/2024
(P.V. SRI HARI)
Assoc. Prof / Mechanical
RV College of Engg
Bangalore - 59

Signature and Address of the Project Coordinator

Signature of the Head of Institution and COLLEGE OF ENGINEERING BENGALURU - 560 059

Signature with Seal of Chartered Accountant

For ASHOK SHIVAJIRAO & Co.
CHARTERED ACCOUNTANTS
F.R. No. 0060215



(ASHOK. S)
Proprietor

UDIN: 24201736BKACJW1687
21/02/2024

Statement of Expenditure for the Project Title: "Setting up of a Custom Engineered Electro Chemical Discharge Machining (ECDM) system for Micro Fluidic Devices"

Sl. No.	Particulars	Total Expenses (Rs.)
1	Total Grants Received (Including Opening Balance & Bank Interest)	10,44,576.00
➤ Expenditure Break Up (Each Item wise as approved and sanctioned of Non-Recurring and Recurring Equipment)		
Non-Recurring (NRE)		Amount
NR1	Function Generator DG 822 25MHz Bandwidth	88,323.00
NR2	200 MHz Digital Oscilloscope	96,760.00
NR3	Weighing Balance SE545 capacity 220g & Metallurgical microscope	6,75,000.00
NR4	Variable single output DC Regulated Power Supply	80,240.00
A	Total of Non-Recurring Expenditure	9,40,323.00
Recurring (RE)		Amount
RE1	Recurring Expenses	58,396.00
RE2		
B	Total of Recurring Expenditure	58,396.00
2	Total Expenditure (A +B)	9,98,719.00
3	Unspent Balance (1-2)	45,857.00

Kind of checks exercised:

1. Vouching
2. Bank Reconciliation
3. Supporting Bills

For ASHOK S. S. & Co.
CHARTERED ACCOUNTANTS
F.R. No. 0060215

Signature with Seal
Chartered Accountant
(FRN: &M.No)

CERTIFICATE

Certified that we have verified the disbursement of Rs.9,98,719.00 (Rupees Nine Lakh ninety eight thousand seven hundred and nineteen only) towards the project as mentioned above.

We have exercised the verification of vouchers and supporting documents to see that the money was actually utilized for the purpose for which it was sanctioned.

Place: Bangalore

Date: 21/02/2024

Signature and Address of
the Project Coordinator

(P.V. SRIHARI)
21/02/2024

For ASHOK S. S. & Co.
CHARTERED ACCOUNTANTS
F.R. No. 0060215

(ASHOK. S)
Proprietor

UDIN : 24201736BKACJW1687



Principal RVCE <principal@rvce.edu.in>

Project Sanction
3 messages

From: BHUJANGA RAO VEPAKOMMA <vopcrew1@gmail.com>
To: Principal RVCE <principal@rvce.edu.in>, "Srivani S.G." <srivanisg@rvce.edu.in>, subramanyakn@rvce.edu.in
Cc: Prakash Panemsolvam <prakash.p@nias.res.in>, Director-NIAS <director@nias.res.in>, Srinivasa Athal P <admin@nias.res.in>, INAE <inaehq@inae.in>
Mon, Feb 21, 2022 at 2:56 PM

Dear Dr SG Srivani,

Sanction of Grass Root Innovation Project

Ref: Your Project Proposal entitled "Design and Implementation of Air Cooler cum mosquito trap"

We are pleased to inform you that your college project proposal referred above, has been approved by the National Institute of Advanced Studies (NIAS) with a fund allocation of a sum of Rs Two Lakh and Nineteen Thousand (Rs. 219,000 + GST), for upgrading grassroots projects as part of Frugal Innovation Nurturing Program (FINP) of Indian National Academy of Engineering (INAE).

The following guidelines are applicable.

1. Fund will be transferred to the College Principal official account by NEFT based on the details provided by the college/institution.
2. TA to meet the innovator will be reimbursed as per govt norms as and when required.
3. If two units are required for the purpose of field trials, funds for the second unit will be paid after the 1st unit is tested and proved.
4. GST paid will be reimbursed on submission of bills.
5. No overhead charges will be supported.
6. Audit report submission compulsory for settlement of bills duly signed by the Principal of the college.
7. There will be a review meeting after every two months as required.
8. The project shall be implemented as per the proposal sent by you.
9. The sponsored project evaluation / progress review will be held from time to time by NIAS and the progress updates have to be submitted.
10. The duration of the project is 6 months.

The project should be completed in all respects and softcopy of the full detailed report in a CD (single file .pdf format only) and the duly signed hardcopy (4 copies) should be submitted to NIAS.

with regards
Dr V Bhujanga Rao
Chairman, FINP, INAE

SGS > RV 21/2/22

HOD EE >
Kvy
21/2.

Srivani S.G. <srivanisg@rvce.edu.in>
To: rudranna <hod.oo@rvce.edu.in>, "Adinatha Mr." <adinatha@rvce.edu.in>, Principal RVCE <principal@rvce.edu.in>, Vice Principal RV Collago of Engineering <viceprincipal@rvce.edu.in>
Mon, Feb 21, 2022 at 3:03 PM

Respected sirmadam

Happy to share the sanction of another project "Design and Implementation of Air Cooler cum mosquito trap", Two Lakh and Nineteen Thousand (Rs. 219,000 + GST), by NIAS funded by FINP- Indian National Academy of Engineering (INAE).
Thanks for the support and encouragement
Regards

Fwd: Project Sanction

1 message

Fri, Feb 18, 2022 at 12:44 PM

Srivani S.G. <srivanisg@rvce.edu.in>
To: sujatha donthu <sujathadonthu70@gmail.com>

please take the print

Dr. S G Srivani (NITK), FIE, Senior Member IEEE, MISTE
Professor and Associate Dean
Electrical and Electronics Department
RVCE, Bangalore 560059, 080-68188394
mob 9844327829
Phone -68188394, 8193

PI - Dr. S G S

CG-PR D.Y.M.B.R

Dear Dr SG Srivani,

Sanction of grassroots Innovation Project

Ref. Your Project Proposal entitled "Solar Based Motorized Fruit and Vegetable Harvesting Device"

We are pleased to inform you that your college project proposal referred above, has been approved by the National Institute of Advanced Studies (NIAS) with a fund allocation of a sum of **One Lakh Eighty-Five Thousand (Rs. 185, 000 + GST)**, for upgrading grassroots projects as part of Frugal Innovation Nurturing Program (FINP) of Indian National Academy of Engineering (INAE).

The following guidelines are applicable.

1. Fund will be transferred to the College Principal's official account by NEFT based on the details provided by the college/institution.
2. TA to meet the innovator will be reimbursed as per govt norms as and when required.
3. If two units are required for the purpose of field trials, funds for the second unit will be paid after 1st unit is tested and proved.
4. GST paid will be reimbursed on submission of bills.
5. No overhead charges will be supported.
6. Audit report submission compulsory for settlement of bills duly signed by the Principal of the college.
7. There will be a review meeting after every two months as required.
8. The project shall be implemented as per the proposal sent by you.
9. The sponsored project evaluation/progress review will be held from time to time by NIAS and the progress updates have to be submitted.
10. The duration of the project is 6 months.
- 11 All correspondence should be made to Director, NIAS with a copy to the undersigned

The project should be completed in all respects and softcopy of the full detailed report in a CD (single file .pdf format only) and the duly signed hardcopy (4 copies) should be submitted to NIAS.

With regards

Dr V Bhujanga Rao

Chairman, FINP, INAE

—
Dr. S G Srivani (NITK), FIE, Senior Member IEEE, MISTE
Professor and Associate Dean
Electrical and Electronics Department
RVCE, Bangalore 560059, 080-68188394
mob 9844327829
Phone -68188394, 8193

—
Dr. Geetha.K.S
Vice Principal, RVCE,
Prof & Head,
Department of Electronics & Communication Engineering,
RV College of Engineering, Bengaluru-560059
Ph.No: 080-68188178(O), 9900700990(M)

09 Sep 2021

To,

The Principal,
RV College of Engineering,
8th Mile, Mysore Road, RV Vidyaniketan Post,
Bangalore-560059

PDC Extension, Cost enhancement, Reappropriation and Release of second year grant of Project titled "Experimental investigation of damage monitoring in Sandwich Structures using vibration data for Aircraft Applications"

Further to the sanction letter No. ARDB/01/1051937/M/I dated 25 Oct 2019 under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D(R&D) dated 12th Feb 1971, and in exercise of power delegated vide DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18th Dec 2019 as amended from time to time, I am directed to convey sanction of DG(TM) for cost enhancement to purchase additional equipment, re-appropriation of funds, PDC Extension till 31.07.2022 and second year release of the subject project during FY 2021-2022.

2. Following amendments is accorded in Para 2 of 1st year grant sanctioned vide ARDB letter No ARDB/01/1051937/M/I dated 25th Oct 2019.

For: Total sanction for the project is Rs. 8.441 lakhs.

<u>HEAD</u>	<u>1st Year</u> (in lakhs)	<u>2nd Year</u> (in lakhs)
Staff Salary	0.000	0.000
Equipment (Annex-1)	5.400	0.000
Consumable	1.431	0.450
Contingency	0.230	0.020
Travel	0.250	0.250
Overhead	0.380	0.030
<u>Total</u>	7.691	0.750
Grand Total: Rs 8.441 lakhs only		

Read: Total sanction for the project is Rs. 12.191 lakhs

<u>HEAD</u>	<u>1st Year</u> (in lakhs)	<u>2nd Year</u> (in lakhs)
Staff Salary	0.000	0.000
Equipment (Annex-1)	5.400	4.450
Consumable	1.431	0.000
Contingency	0.230	0.020
Travel	0.250	0.000
Overhead	0.380	0.030
<u>Total</u>	7.691	4.500
Grand Total: Rs 12.191 lakhs only		

3. Unspent balance of 2020-21 may be utilized till 31.07.2022.
4. Others contents of ARDB letter no. ARDB/01/1051937/M/I dated 25th Oct 2019 remains unchanged.

U. R. S.

For:-

List of Equipment

SI No	Equipment	Qty/Set	Tentative Cost (In Lakhs)
1	Signal Force Electrodynamic Shaker System	01	5.4
2	DSA Upgradation Software	01	
3	Force Sensor for Shaker	01	
4	Stringer for Shaker	01	
Total			5.4

ead:-

SI No	Equipment	Qty/Set	Tentative Cost (In Lakhs)
1	Signal Force Electrodynamic Shaker System	01	9.85
2	DSA Upgradation Software	01	
3	Force Sensor for Shaker	01	
4	Stringer for Shaker	01	
5.	Computer controlled drop weight impact testing machine	01	
Total			9.85

5. Fresh release of Rs. 2.83062 lakhs for second year of the project is accorded to RV College of Engineering.
6. RV College of Engineering to maintain a saving bank account and refund the accrued interest to PCDA. In case of common account held by institute, the institute can reflect the interest accrued separately and refund the accrued interest.
7. So far (till date) a total sum of Rs 7.691 lakhs has been released to RV College of Engineering for the subject project.
8. The expenditure will be debited to Major Head 2080 - Defence Services, R & D, Minor Head 004- Research / Research & Development and Code Head 852/02 (AR&DB Grant-in-aid) of Defence Services Estimates.
9. PCDA (R&D), West Block V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned.
10. Contingent bill (In triplicate) duly completed (signature of PI & HOD also required) and stamped, along with ECS mandate certificate may please be forwarded to this office for counter signature and onward transmission to PCDA (R&D), West Block V, RK Puram, New Delhi-110066.
11. This is issued with the concurrence of the IFA(R&D), New Delhi vide their U.O. No. IFA/R&D/0031/ARDB/2021/0483 dated 31.08.2021.
12. Sanction Code is DGTM/ARDB/GIA/21-22/0124 dated 03.09.2021.

Rekha Upadhyay
(Rekha Upadhyay)
Secretary, AR&DB

Copy to:

1. Principal CDA(R&D), West Block V, RK Puram, New Delhi-110066
2. IFA (R&D), DRDO Bhawan
3. Dy. Director of Audit, Defence Services, Southern Command, Pune - 411 001
4. Principal Director of Audit, Air Force & Navy, 'M' Block, N. Delhi-110 001
5. Dr. Amol A Gokhale (Chairman, Steering Committee), Professor, Mechanical Engineering Department, IIT Bombay, Powai, Mumbai-400076
6. Dr. Makarand Joshi Sc 'G', Chairman Structures Panel, Research & Development Establishment (Engrs.) Alandi Road, Dighi, Pune-411015
7. The Director ADE, Bangalore-560075
8. Dr PR Venkatesh (PI), Associate Prof., Dept of Mechanical Engineering, RV College of Engineering, 8th Mile, Mysore Road, RV Vidyaniketan Post, Bangalore-560059
9. Dr Ramesh S Sharma (Co-PI), Associate Prof., Dept of Mechanical Engineering, RV College of Engineering, 8th Mile, Mysore Road, RV Vidyaniketan Post, Bangalore-560059
10. Shri Ravishankar BN, Sc-E, ADE, Bangalore-560075

Control No. 66 (2021-22)

Tel: 23818138

ARMREB/ASE/2020/225
 Defence R&D Organization (HQ)
 Armament Research Board
 DRDO HQ Annexe, Old LASTEC Building
 Metcalfe House, Delhi-110054

10 Jan 2023

Principal
 RV College of Engineering
 Mysuru Road
 Bengaluru - 560059

AMENDMENT

Ref:- ARMREB letter of even no. dated 30 Jul 2020.

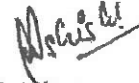
2. In exercise of power delegated vide Sl. No. 3.1 of DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18 Dec 2019, the competent authority i.e DG(TM) has accorded ex-post facto approval for the following amendment in Para 3 of the letter under reference for the project entitled "Development of Classifier Based on Deep / Machine Learning Algorithms for Land Based Munitions" sanctioned to R V College of Engineering, Bengaluru under ARMREB:-

Para 3

FOR : 02 Years
 READ : 02 Years 04 Months (Till 08 Apr 2023)

3. There is no change in the total cost of the project. PI/GI is allowed to utilize the balance funds during extended period.

4. Sanction code is DG(TM)/ARMREB/GIA/22-23/318 dated 06.01.2023.



(Ashish Jauhari)

Member Secretary ARMREB

Copy to:-

1. Dr Satish Kumar, Chairman ARMREB, Director NIT, Kurukshetra
2. DG (TM), DRDO Bhawan, Rajaji Marg, New Delhi - 110 011
3. DG (ACE), DRDO Bhawan, New Delhi
4. Dr Satish C Gupta, Associate Director MRG, Head, Applied Physics Division, BARC, Mumbai
5. Dr. BB Padhy, Sc. 'F', ARDE Pune-411021
6. IFA (R&D), DRDO HQ, New Delhi - 110 011
7. Director General Audit (Defence Services), 'L' Block, Church Road, New Delhi - 110 001.
8. The Commander, HQ TG (EME), Delhi Cantt-110010
9. Dr. M Uttara Kumari, Professor, R V College of Engineering, Bengaluru
10. Dr. Usha Rani K, Assoc. Professor, R V College of Engineering, Bengaluru
11. The Director, Dte of ER& IPR, 5th Floor, DRDO HQ Annexe Metcalfe House
12. The Director, HEMRL, Sutarwadi, Pune - 411 021
13. The Director, ARDE, Pashan, Pune - 411 021
14. The Director, TBRL, Sector - 30, Chandigarh - 160 030
15. The Director, CFEES, Brig SK Mazumdar Road, Delhi - 110 054
16. The Director, PXE, Chandipore - 756 025
17. Ms. Vaishnavi Motghare, Sc 'E', ARDE, Pune - 411021

Copy signed in ink to:-

1. The PCDA (R&D), DRDO HQ Cell, West Block-5 R.K. Puram, New Delhi - 66

To file (dept).

FILE NO. SPG/2021/003740

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)..

(A statutory body of the Department of Science & Technology, Government of India)
Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 02 August, 2022

ORDER

Subject: Financial Sanction of the research project titled **Design and Fabrication of Flexible Artificial Basilar Epithelium** under the guidance of Dr. Uttara Kumari M, Electronics & Communication Engineering, RV College of Engineering, R v vidyanikethan post, mysore road, bangalore, Bangalore rural district, Karnataka-560059 and by Dr. Golla Shireesha, ASSISTANT PROFESSOR, PHYSICS, RV College Of Engineering - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 2997500/- (Rs. Twenty Nine Lakh Ninety Seven Thousand Five Hundred Only) with break-up of Rs. 845000/- under Capital (Non-recurring) head and Rs. 2152500/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2997500/- has been approved are given below:

The following budget may be considered for RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Electro spinning	845000
A'	Total (Non-Recurring)	845000
B	Recurring Items	
1	Recurring - I : (Research Personnel)	1260000
	Recurring - II : (Consumables, Travel, Contingencies)	620000
	Recurring - III : Scientific Social Responsibility	0
2	Recurring - IV : (Overhead Charges)	272500
B'	Total (Recurring)	2152500
C	Total cost of the project (A' + B')	2997500

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

3. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

4. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

5. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR norms and under no circumstances it can be reappropriated.

6. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

7. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

8. The institute will furnish to the SERB, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

9. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

10. The research personnel sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

11. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

12. The project File no. SPG/2021/003740 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

13. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

14. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

Monika Agarwal
(Dr. Monika Agarwal)
Scientist F
monika@serb.gov.in

To,
Under Secretary
SERB, New Delhi
Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Uttara Kumari M Electronics & Communication Engineering RV College of Engineering, R v vidyanikethan post, mysore road, bangalore, Bangalore rural district, Karnataka-560059 Email: uttarakumari@rvce.edu.in Mobile: 919945336808 Dr. Golla Shireesha PHYSICS RV College Of Engineering (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Principal, RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore (Receipt of Grant may be intimated by name to the undersigned)

Monika Agarwal
(Dr. Monika Agarwal)
Scientist F
monika@serb.gov.in

Fwd: Project :Solar iron cart under FINP of NIAS

3 messages

Srivani S.G. <srivanisg@rvce.edu.in>
To: sujatha donthu <sujathadonthu70@gmail.com>

Wed, Jun 17, 2020 at 11:16 AM

please give me print in new sheet and a file on the top print

"Solar Ironing Cart", A funded FINP Project by NIAS -IISc
PI-Dr.S G Srivani
Associate Dean ,EEE Dept.RVCE

Dr.S G Srivani (NITK),FIE,Senior Member IEEE
Associate professor and Associate PG dean
Electrical and Electronics Department
RVCE,Bangalore 560059
mob 9844327829
Phone -67178389, 8050

Sanctioned on

Jun 17 2020

Sujatha

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

From: BHUJANGA RAO VEPAKOMMA <vepcrew1@gmail.com>

Date: Tue, Jun 16, 2020 at 12:38 PM

Subject: Project :Solar iron cart under FINP of NIAS

To: Srivani S.G. <srivanisg@rvce.edu.in>

Cc: Srinivasa Aithal P <admin@nias.res.in>, Director-NIAS <director@nias.res.in>, Principal RVCE <principal@rvce.edu.in>

Dear Prof Srivani,

This refers to sanction of Solar Cart project at a cost of Rs 105000/- (One Lakh five thousands) as per the revised technical report submitted by you.

Rs.90,000/= will be released to the RVCE as 1st installment. Balance will be released on completion of the project and against certification by FINP team. RVCE should submit their final SE and UC, duly audited, along with copies of bills/invoices before claiming the balance amount. Please mail us RVCE bank details and address to whom we should send the payment transfer details. Please also submit a time plan. Project progress will be reviewed periodically. If you have any queries, please feel free to contact us.

Best regards,.

DR.V.BHUJANGA RAO.

Srivani S.G. <srivanisg@rvce.edu.in>
To: sujatha donthu <sujathadonthu70@gmail.com>

Fri, Jun 26, 2020 at 12:56 PM

pl print
Dr.S G Srivani (NITK),FIE,Senior Member IEEE
Associate professor and Associate PG dean
Electrical and Electronics Department
RVCE,Bangalore 560059
mob 9844327829
Phone -67178389, 8050

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
ದೂರವಾಣಿ: 080-2203 2013, ಇ-ಮೇಲ್ visiongroup.st@gmail.com, ವೆಬ್‌ಸೈಟ್ www.vgstf.in

ಸಂಖ್ಯೆ:ವಿತಂದಾಸ/ಜಿ.ಆರ್.ಡಿ ಸಂಖ್ಯೆ: 1052 (2021-22)/K-FIST(L1)/2023-24/85 ದಿನಾಂಕ:02 05.2023

ಇವರಿಗೆ,

ಪ್ರಾಂಶುಪಾಲರು

ಆರ್.ವಿ. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು

ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ ಅಂಚೆ, ಮೈಸೂರು ರಸ್ತೆ ಬೆಂಗಳೂರು - 560 059

ಮಾನ್ಯರೇ,

ವಿಷಯ: K-FIST(L1) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಆಯ್ಕೆಯಾಗಿರುವ ಫಲಾನುಭವಿ ವಿದ್ಯಾಸಂಸ್ಥೆಗೆ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನದಿಂದ ಉಪಕರಣಗಳ/ವಸ್ತುಗಳ ಖರೀದಿಗೆ (ಜಿ.ಆರ್.ಡಿ-1052) ಅನುಮೋದನೆ ನೀಡುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ:1.ಸೂಚನೆ ಪತ್ರ ಸಂಖ್ಯೆ :ಕಸ್ತೆಪ್ಸ್/ವಿತಂದಾಸ/ K-FIST(L1)/GRD No.1052/2021-22/427/51

ದಿನಾಂಕ: 15.02.2023

2.ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ PART-A ದಾಖಲೆಗಳನ್ನು ಸಲ್ಲಿಸಲಾದ ದಿನಾಂಕ: 13.03.2023

3.ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆಯ ಪತ್ರದ ಸಂಖ್ಯೆ: KSTePS/VGST/2021-22/

K-FIST(L1)/GRD-1052/128/2022-23/23, ದಿನಾಂಕ:24.04.2023

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ವಿಜ್ಞಾನ ಹಾಗೂ ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ)ದ ವಿವಿಧ ಯೋಜನೆಗಳಲ್ಲೊಂದಾದ K-FIST (L1) ಕಾರ್ಯಕ್ರಮದಡಿ 2021-22ನೇ ಸಾಲಿನಲ್ಲಿ ಆಯ್ಕೆಯಾಗಿದ್ದ ಡಾ|| ರಚನಾ ಎನ್ ಅಕ್ವಿ, ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಇನ್ಸ್ಟ್ರುಮೆಂಟೇಶನ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಆರ್.ವಿ. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು, ಬೆಂಗಳೂರು (ಜಿ.ಆರ್.ಡಿ-1052) ರವರು ಸಲ್ಲಿಸಿದ್ದ 'Fabrication of Breast Tissue Mimmicking Phantoms, Characterization of Elastic and Acoustic Properties with Numerical Model Validation' ಶೀರ್ಷಿಕೆಯ ಪ್ರಸ್ತಾವನೆಗೆ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನವಾಗಿ ರೂ.7.50 ಲಕ್ಷಗಳನ್ನು RTGS ಮೂಲಕ ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುವುದು ಸರಿಯಷ್ಟೆ.

ಈ ನಿಟ್ಟಿನಲ್ಲಿ, ವಿತಂದಾಸದ ವಿಮರ್ಶಾ ಸಮಿತಿಯ ಶಿಫಾರಸ್ಸಿನ ಆಧಾರದ ಮೇಲೆ ಮತ್ತು ಯೋಜನಾ ಸಂಯೋಜಕರು ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನಕ್ಕೆ ಸಲ್ಲಿಸಿದ್ದ PART-A ದಾಖಲೆಗೆ ಅನುಗುಣವಾಗಿ ರೆಕರರಿಂಗ್ (Recurring) ಮತ್ತು ನಾನ್-ರೆಕರರಿಂಗ್ (Non-recurring) ಉಪಕರಣಗಳ/ವಸ್ತುಗಳ ಖರೀದಿಗೆ ಅನುಮೋದನೆಯನ್ನು ಈ ಕೆಳಕಂಡಂತೆ ನೀಡಲಾಗಿದೆ:

ಕ್ರ. ಸಂ.	ವಿವರಗಳು ನಾನ್-ರೆಕರರಿಂಗ್ (Non recurring)	ಒಟ್ಟು ಪ್ರಮಾಣ	ವಿತಂದಾಸದಿಂದ ಅನುಮೋದನೆ ನೀಡಿದ ಮೊತ್ತ (ರೂ.ಗಳಲ್ಲಿ)
1	Compression Testing Machine	01	6,45,000.00
2	Digital magnetic stirrer with Hot plate- 2 Litre	01	30,000.00
A) ಒಟ್ಟು ನಾನ್-ರೆಕರರಿಂಗ್ ಮೊತ್ತ			6,75,000.00

ರಕರಿಯಿಗ್ ಪಟ್ಟಿ (recurring)		
1	Chemicals(Poly vinyl alcohol crystals,average degree of polymerization of 1700-1KG,Ethyl alcohol,agar powder,gelatin,Npropanol), Glassware(Condenser liebig,borosilicate glass,RB flask,1000ml,three neck,B34 &B24borosilicate glass, glass moulds cylindrical and spherical, Plastic Ware(Rectangular boxes to hold the phantoms with lids, aluminium foils)	45,000.00
2	Electrical & Electronics spare parts/any other related items(Heating mantle 1000ml 300w)	5,625.00
3	Mechanical Spare parts / any other related items(Retort stand ,Industrial heavy stand,3 finger clamp,boss heads)	5,625.00
4	Contingency	15,000.00
5	Books and Journals	3,750.00
	B) ಒಟ್ಟು ರಕರಿಯಿಗ್ ಮೊತ್ತ	75,000.00
	ಒಟ್ಟು ನಾನ್- ರಕರಿಯಿಗ್ ಮತ್ತು ರಕರಿಯಿಗ್ ಮೊತ್ತ(A+B)	7,50,000.00

ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಅನುದಾನವನ್ನು ಬಳಸುವಾಗ ಈ ಕೆಳಕಂಡ ಅಂಶಗಳನ್ನು ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು:

- 1) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಗಲೀ ಅಥವಾ ಬೇರೆ ಸಂಸ್ಥೆಗಳ ಮುಖಾಂತರವಾಗಲೀ ಅನುಷ್ಠಾನಗೂಳಿಸುವಾಗ 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 ಬಿಡುಗಡೆಯಾದ 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 ಖರೀದಿಸ ಬಹುದು.
- 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, ಕೆಸ್ಸೆಪ್ಸ್ ರವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ಡಿ.ಡಿ. ಮೂಲಕ ಹಿಂತಿರುಗಿಸುವುದು.
- 5) ತಮ್ಮ ಸಂಸ್ಥೆಗೆ ಸದರಿ ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾದ ಅನುದಾನದಲ್ಲಿ ಬಳಕೆಯಾಗದ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತವನ್ನು ಮುಂದಿನ ಕಂತಿನ ಅನುದಾನದಲ್ಲಿ ಕಡಿತಗೂಳಿಸಿ ಉಳಿದ ಅನುದಾನವನ್ನು ಬಿಡುಗಡೆ ಮಾಡಲಾಗುವುದು, ಅಥವಾ ಕೊನೆ ಕಂತು ಆಗಿದ್ದಲ್ಲಿ ಉಳಿಕೆಯಾಗುವ ಮೊತ್ತವನ್ನು ಹಿಂತಿರುಗಿಸುವುದು.

45,000.00

ಯೋಜನೆಯನ್ನು ಕಾರ್ಯಗತಗೊಳಿಸುವಾಗ ಸರ್ಕಾರದ ಎಲ್ಲಾ ಮಾರ್ಗಸೂಚಿಗಳು, ನಿಯಮಗಳು ಮತ್ತು ಪರಿಶೋಧನೆಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಅನುಸರಿಸತಕ್ಕದ್ದು.

ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಯಾವುದೇ ಹಂತದಲ್ಲಿ ಯಾವುದೇ ಮಾಹಿತಿಯ ಅಗತ್ಯವಿದ್ದಲ್ಲಿ, ವಿತಂದಾಸ ಕಛೇರಿಯನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು.

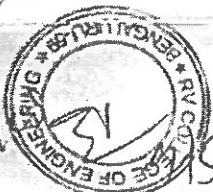
ತಮ್ಮ ವಿಶ್ವಾಸಿ,

R. Venkatesha 02/05/2023
ಡಾ. ಆರ್.ಟಿ. ವೆಂಕಟೇಶ

ವಿಜ್ಞಾನಿ-ಎಸ್.ಇ, ಕೆಸೆವ್ಸ್ /ಸಂಯೋಜಕರು, ವಿತಂದಾಸ

ಪ್ರತಿ: ಡಾ. ರಚನಾ ಎಸ್ ಅಕ್ಕಿ, ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು, ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಇನ್ಸ್ಟ್ರುಮೆಂಟೇಶನ್
ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಆರ್.ವಿ. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು, ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ ಅಂಚೆ, ಮೈಸೂರು
ರಸ್ತೆ, ಬೆಂಗಳೂರು ದಕ್ಷಿಣ, ಬೆಂಗಳೂರು - 560 059

HOD-2/22
R. Venkatesha
A7



5/5

3



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-560070
ದೂರವಾಣಿ-080-2671116 ಇ-ಮೇಲ್: ksteps.dst@gmail.com

ಸಂಖ್ಯೆ: ಕೆಸ್ಪೆಪ್ಪ/ ವಿತಂದಾಸ /K-FIST L2/GRD No. 1025 /2021-22/435

ದಿನಾಂಕ: 15ನೇ ಫೆಬ್ರವರಿ, 2023

ಇವರಿಗೆ:

ಡಾ. ಪ್ರೊಮಿಯೊ ಚಾರ್ಲ್ಸ್ ಎಫ್.
ಸಹ ಪ್ರಾಧ್ಯಾಪಕರು, ಏರೋಸ್ಪೇಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ
ಆರ್. ವಿ. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು
ಆರ್. ವಿ. ವಿದ್ಯಾನಿಕೇತನ ಅಂಚೆ, ಮೈಸೂರು ರಸ್ತೆ
ಬೆಂಗಳೂರು - 560 059

ಮಾನ್ಯರೇ,

- ವಿಷಯ: 2021-22ನೇ ಸಾಲಿನ ವಿತಂದಾಸ ಯೋಜನೆಗಳಡಿ ಪ್ರಸ್ತಾವನೆ ಆಯ್ಕೆಯಾಗಿರುವ ಬಗ್ಗೆ,
ಉಲ್ಲೇಖ: 1. ವಿತಂದಾಸ ಅರ್ಜಿ ಆಹ್ವಾನ ಜಾರಿರಾತು ಸಂಖ್ಯೆ: DST/KSTePS/VGST/2021-22 ದಿನಾಂಕ: 24.01.2022
2. ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ: ಐಟಿ ಬಿಟಿ 19 ಎಸ್ ಟಿ ಎಸ್ 2023, ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 14.02.2023

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಭಾರತ ರತ್ನ ಪ್ರೊ|| ಸಿ.ಎನ್.ಆರ್. ರಾವ್, ಎಫ್.ಆರ್.ಎಸ್. ರವರ ಅಧ್ಯಕ್ಷತೆಯಡಿ ರಚಿಸಲಾಗಿರುವ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ (ವಿತಂದಾಸ) ಶಿಫಾರಸ್ಸಿನ ಆಧಾರದ ಮೇಲೆ 2021-22ನೇ ಸಾಲಿನ ವಿತಂದಾಸದ ಕರ್ನಾಟಕದ ಉನ್ನತ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನದ ಮೂಲಸೌಕರ್ಯಭಿವೃದ್ಧಿಗೆ ನಿಧಿ (K-FIST L2) ಯೋಜನೆಯಡಿ ತಾವು ಸಲ್ಲಿಸಿದ್ದ **"Investigation on out of wind tunnel open loop flutter experimental technique for a wing with store"** ಶೀರ್ಷಿಕೆಯ ಪ್ರಸ್ತಾವನೆಯು ಆಯ್ಕೆಯಾಗಿದ್ದು ಸರ್ಕಾರದಿಂದ ಅನುಮೋದನೆಗೊಂಡಿರುತ್ತದೆ ಎಂದು ತಿಳಿಸಲು ಹರ್ಷಿಸುತ್ತೇನೆ.

ವಿವಿಧ ಯೋಜನೆಗಳಡಿ ಆಯ್ಕೆಯಾದ ಸಂಸ್ಥೆ/ಪ್ರಸ್ತಾವನೆಗೆ ಸರ್ಕಾರದಿಂದ ಒದಗಿಸಲಾಗುವ ಅನುದಾನದ ವಿವರವನ್ನು ಅನುಬಂಧ-1 ರಲ್ಲಿ ಲಗತ್ತಿಸಿದೆ.

ಈ ನಿಟ್ಟಿನಲ್ಲಿ ಈ ಕೆಳಕಂಡ ದಾಖಲೆಗಳನ್ನು ವಿತಂದಾಸ ಕಛೇರಿಗೆ (ನಂ: 702, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಅಂಬೇಡ್ಕರ್ ವೀದಿ, ಬೆಂಗಳೂರು-560001) ಸಲ್ಲಿಸಲು ಸೂಚಿಸಿದೆ:

- 1) PPMS ನಲ್ಲಿ ಅರ್ಜಿಯೊಂದಿಗೆ ಸಲ್ಲಿಸಲಾಗಿರುವ ಸಂಬಂಧಪಟ್ಟ ಪ್ರಾಧಿಕಾರದ ಸಹಿಯಿರುವ ಕೆಳಕಂಡ ದಾಖಲೆಗಳು:
 - ಪ್ರಸ್ತಾವನೆ ಯ ಮೂಲ ಪ್ರತಿ - 2 ಪ್ರತಿಗಳು
 - Part-A ದಾಖಲೆಯ ಮೂಲ ಪ್ರತಿ (ಅನುಬಂಧ-1 ರಲ್ಲಿ ನೀಡಲಾಗಿರುವ ಅನುದಾನದ ವಿವರಕ್ಕೆ ಹೊಂದುವಂತೆ ಇರತಕ್ಕದ್ದು)
 - Undertaking letter ಮತ್ತು ಸಂಸ್ಥೆಯಿಂದ ನೀಡಲಾಗಿರುವ Endorsement Letter ನ ಮೂಲ ಪ್ರತಿಗಳು
 - ಸಹಯೋಗದ ಪತ್ರ (Letter of Collaboration) - ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ನಮೂದಿಸಿದ್ದಲ್ಲಿ
 - ಸಂಶೋಧನಾ ಲೇಖನಗಳ (Publications) ಪ್ರತಿ, CV, ಅನುಭವ ಪ್ರಮಾಣ ಪತ್ರ, ಪಿ.ಹೆಚ್.ಡಿ. ಪ್ರಮಾಣ ಪತ್ರ ಮತ್ತು ಇತರೆ ಸಂಬಂಧಪಟ್ಟ ದಾಖಲೆಗಳು
- 2) ಅಫಿಡವಿಟ್ (ಅನುಬಂಧ-2 ರಲ್ಲಿ ನೀಡಲಾಗಿರುವ ನಮೂನೆಯಲ್ಲಿ ರೂ. 100/- ರ ಛಾಪಾ ಕಾಗದದ ಮೇಲೆ ನೀಡತಕ್ಕದ್ದು).

3) ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರ ಲೆಟರ್ ಹೆಡ್ ನಲ್ಲಿ ಅನುದಾನ ಬಿಡುಗಡೆಗೆ ಸಂಸ್ಥೆಯ ಬ್ಯಾಂಕ್ ಖಾತೆಯ ಕಳಕಂಡ ವಿವರ (ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರ ಖಾತೆಯ ವಿವರವನ್ನು ಮಾತ್ರ ನೀಡತಕ್ಕದ್ದು):

ಖಾತೆಯ ಹೆಸರು:
ಖಾತೆಯ ಸಂಖ್ಯೆ:
ಬ್ಯಾಂಕ್ ನ ಹೆಸರು ಮತ್ತು ಶಾಖೆ:
IFSC ಸಂಖ್ಯೆ:

ಮುಂದುವರಿದು, ತಮ್ಮ ಯೋಜನೆಯ ಜಿ. ಆರ್. ಡಿ. ಸಂಖ್ಯೆ 1025 ಆಗಿದ್ದು, ವಿತಂದಾಸ/ಕೆಸ್ಸೆಪ್ಸ್ ಜೊತೆ ನಡೆಸಲಾಗಿರುವ ಮುಂದಿನ ಎಲ್ಲಾ ಪತ್ರ ವ್ಯವಹಾರಗಳಿಗೆ ಈ ಸಂಖ್ಯೆಯನ್ನು ತಪ್ಪದೇ ನಮೂದಿಸಲು ಸೂಚಿಸಿದೆ.

ಈ ಎಲ್ಲಾ ದಾಖಲೆಗಳನ್ನು ದಿನಾಂಕ: 22ನೇ ಫೆಬ್ರವರಿ, 2023 ರೊಳಗಾಗಿ ವಿತಂದಾಸ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಲು ಕೋರಿದೆ. ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ದೂರವಾಣಿ ಸಂಖ್ಯೆ: 080-2203-2013/ ಇಮೇಲ್: visiongroup.st@gmail.com ಅನ್ನು ಸಂಪರ್ಕಿಸಬಹುದಾಗಿದೆ.

ಧನ್ಯವಾದಗಳೊಂದಿಗೆ,



ನಿರ್ದೇಶಕರು (ತಾಂತ್ರಿಕ)

ವಿದ್ಯುನ್ಮಾನ, ಮಾತಂ, ಜೈತಂ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ/
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಸೆಪ್ಸ್

ಪ್ರತಿ:

- 1) ಪ್ರಾಂಶುಪಾಲರು, ಆರ್.ವಿ. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು, ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ ಅಂಚೆ, ಮೈಸೂರು ರಸ್ತೆ, ಬೆಂಗಳೂರು - 560 059.
- 2) ಪ್ರೊ.ಬೆಂಜಮಿನ್ ರೋಹಿತ್, ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು (Co-PI), ಏರೋಸ್ಪೇಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಆರ್.ವಿ. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು, ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ ಅಂಚೆ, ಮೈಸೂರು ರಸ್ತೆ, ಬೆಂಗಳೂರು - 560 059.
- 3) ಸರ್ಕಾರದ ಜಂಟಿ ಕಾರ್ಯದರ್ಶಿಗಳು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕೊಠಡಿ ಸಂಖ್ಯೆ: 305, 5ನೇ ಮಹಡಿ, 5ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಡಾ|| ಅಂಬೇಡ್ಕರ್ ವೀದಿ, ಬೆಂಗಳೂರು - 560 001.
- 4) ಕಛೇರಿ ಪ್ರತಿ.



CONTRACT FOR ACQUISITION OF RESEARCH SERVICES (CARS)

By signature of authority identified at (12) below, DRDO hereby Contracts on the Research Service Provider identified at (3), the provision of the Research Services described at (7), within the Time stated, Payments and subject to other conditions overleaf, as follows:

1) Short title of Research Service to be provided: "Development of Deep Learning Based Algorithms for SAR Image Semantic Segmentation"	Contract No.: LRDE/CARS /RAD V/2022 Date:	
2) RSQR Ref: No.& Date : 44418/CARS/CG/RTMD dated 23 Jan 2023	Issuing DRDO Establishment : LRDE	Dates of CARS Amendments :
3) Name and address of Research Service Provider (RSP): Dr. Shanta Rangaswamy, Professor, ✓ Dr. Ramakanth Kumar P, Prof. Manonmani S, Prof. Pavithra H Department of Computer Science and Engineering. RV College of Engineering, Bengaluru - 59 Phone: Email :	4) RSP's Offer Ref.: Date:	
5) This contract will require a formal amendment if the following key professionals are not available to RSP: Dr. Shanta Rangaswamy, Professor		
6) RSP is authorized to engage these professionals as research consultants (names, institutes / companies) : NIL		
7) Principal technical features of Research Service to be provided : As per Appendix-A		
8) DRDO will make available the following DRDO-owned equipment to RSP : NIL		
9) The technical performance of this contract shall be complete when RSP submits the Final Report before (date)	15 Months	
10.1) Expenditure on items below shall not exceed sums shown against each	Rs.	
(a) Personnel	4,50,000/-	
(b) Equipment	-	
(c) Others	3,78,000/-	
Sub-Total		8,28,000/-
18% Goods Services Tax inclusive (claimed along with Milestones payment proportionately)		1,49,040/-
		Total : 9,77,040/-
10.2) Schedule of Payments	Date	Rs.
(a) Initial advance (25%)	To*	2,44,260/-
(b) at Performance Milestone I of RSQR (25%)	To + 3	-
(c) at Performance Milestone II of RSQR (25%)	To + 7	3,41,964/-
(d) at Performance Milestone III of RSQR (25%)	To + 11	-
(e) at Performance Milestone III of RSQR (25%)	To + 15	3,90,816/-
Payments will be made within 45 days of receipt by L/E/P of contingent Bill *To will be one month from the date of signing the contract.		Total 9,77,040/-
11) DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract: [Sign over seal] Name: Designation:	12) Signature of L/E/P Contract administrator: Name: Designation: Address: LRDE, CV Raman Nagar Bangalore-560093 Ph : 25241959 , Fax: 2524 2916	

GENERAL CONDITIONS OF CARS

- (i) **Specific Conditions of this contract:** The following conditions apply [Lab / Estt / Programmes (L/E/P) to stipulate] in addition to General Conditions listed.
1. **Technical performance:** The satisfactory execution of the technical features of this contract shall be established against performance milestones.
 2. **Delivery schedules:** The interim reports and /or other outcome(s) of this contract shall be delivered as per enclosed list.
 3. **Other specific conditions:**
- ii. **General Conditions of this CARS**
1. **Equipment:**
 - 1.1 All equipment of a capital nature purchased, by the Research Service Provider (RSP), to execute this contract are the property of DRDO (L/E/P). These shall be returned to L/E/P within 03 months of expiry of this contract, unless L/E/P specifies otherwise separately. **NOTE:** Should there be a difference of opinion between the RSP and L/E/P on whether or not a piece of equipment is of 'Capital nature', the decision of L/E/P shall be final and binding on the RSP.
 - 1.2 Equipment included in the Summary Offer of Research Services [at Entry 9. 1 (b)] shall be procured by the RSP.
 - 1.3 The RSP shall be responsible for the proper maintenance of the equipment and shall not alienate them, or use them without the prior permission of L/E/P for purposes other than those specified in this contract.
 2. **Financial provisions:** By entering into this contract, the RSP agrees to make available to the L/E/Ps, or to any person or bodies designated by it, if requested by the L/E/Ps, all financial documentation and records on supplies and services purchased or acquired by the RSP for executing the contract.
 - 2.1 **Advances, work-in progress and schedule of payments:**
 - (a) Advances or milestone payments are interim payments, which shall be deducted from the total sums due to the RSP.
 - (b) The L/E/P shall make payments for executing this contract on demands made through 'Contingent Bills' after certification by the pertinent financial authority of the RSP that the monies already released have been utilised for the purposes for which they were provided.
 - (c) Statements on expenditures incurred on items at 9.1 overleaf as certified by the internal auditors of the RSP shall be submitted within 30 days of crossing of each Performance milestone identified in the schedule of payments at 9.2 overleaf.
 - (d) Except with the specific written pre-agreement of the L/E/P, the RSP shall not use for any purposes other than those specified in this contract, any material or services for which advances or milestone payments have been made.
 - 2.2 **Financial documentation and records:**
 - a) For work whose estimated time for completion is six months or less, the RSP shall submit only those reports as relate to the purchase of equipment by the RSP, within thirty (30) days of such purchase.
 - b) For contracts whose estimated time for completion is more than six months, the RSP shall provide the L/E/P, not later than thirty (30) days after the end of each half-year, with a half-yearly financial report showing the actual expenditure incurred, against each of the entries at 'item 9.1' overleaf for the execution of the contract up to the end of the previous half-year.
 - c) The L/E/P, or other authority specified by DRDO, may inspect all books, bills, vouchers and other financial records at any time until the final settlement of accounts. The RSP shall supply the L/E/P with such documents as are necessary for final settlement of claims, without explicit request by the L/E/P, within three (3) months after the date of submission of the Final Report.
 - d) The documents supporting claims shall be preserved by the RSP until one year after the contract accounts are finally settled.
 3. **Disclosure and use of information by the RSP:** The RSP will ensure that the documents supplied by the L/E/P are not disclosed to any person other than a person authorised by the L/E/P. Any pattern, sample or information in documentary or other physical form remains the property of the L/E/P throughout the period of the contract and shall be returned to the L/E/P after execution of the contract, unless their disposal is otherwise provided for in the contract.
 4. **Delivery schedule:**
 - 4.1 The interim outcomes of the contract shall be delivered at the time or times and in the manner specified in (i) above.
 - 4.2 The RSP shall inform the L/E/P promptly of any occurrence that is likely to cause delay in delivery of above contracted outcomes. The L/E/P shall determine in the light of circumstances reported, the extent of change(s) required in the delivery schedule of the contract. **Note:** The above covers only unexpected technical difficulties, gross delays in deliveries by suppliers of purchased equipment or consumables, illness or other justifiable cause of unavailability of research personnel and similar unforeseen circumstances.
 - 4.3 An extension of the time limit for execution of the contract, or a postponement of delivery of outcomes shall require the explicit approval of the L/E/P, which approval shall be contractually valid only when this contract is formally amended by the L/E/P, as recorded on top right-hand corner overleaf.
 5. **Short-closure of contract:** The contract may be short-closed at any time during the currency of its execution if the L/E/P feels that no useful purpose will be served by continuing its implementation. The short closure will be deemed to be effective from the day the short closure order is received by the RSP. Subsequent to this short-closure the RSP will submit a technical report on the work done till short closure. The monies left unspent on the date of receipt of short closure order by the RSP shall be returned to L/E/P. All equipment/stores acquired out of contract monies shall also be returned to L/E/P.
 6. **Reports:** Reports giving details of the progress of the work shall be sent to the L/E/P at intervals as specified in I above. On completion of the contract, the RSP will submit a final report (Contractor Report). All reports shall be in a format conforming to Indian Standard IS: 1064-1980, bound with Bibliographic Description sheet conforming to IS: 9400-1980.
 7. **Ownership of Intellectual Property (IP):**
 - 7.1 The ownership of intellectual property, whether or not legally protected, generated by contract research performed under this contract shall vest in DRDO. However, the RSP shall receive, upon demand by it, a royalty-free license from DRDO to use these intellectual properties for its own purposes, which purposes specifically exclude sale or licensing to third parties.
 - 7.2 Notwithstanding the above, all documents and information detailing the technical performance of this contract (including pertinent laboratory notebooks, sketches, photographs, video tapes of experiments, electronic data acquisition records and other similar) shall be the property of DRDO, whether or not in the physical possession of DRDO.
 8. **Publications:** Interim technical results and the outcome of the contract, Intellectual or physical, are the property of DRDO. If the investigator intends publishing the technical outcome, he shall send a written request to L/E/P for permission to publish along with a copy of the manuscript. Within 60 (sixty) days of the receipt of such request, the L/E/P will inform the investigator(s) about its decision. If no communication is received from the L/E/P by the Investigator/RSP within this period of 60 (sixty) days, the investigator/RSP shall be free to publish the material as proposed by him.
 9. **Publicity relating to this contract:** The existence of the contracts or the status of their execution shall not be publicised by the RSP in the media or in its Periodic/Annual Report except with the written consent of L/E/P. The latter shall specify the text relating to this contract that may be made public.
 10. **Communications:** All communications affecting the performance of the contract, or its terms and conditions, shall be contractually valid only when confirmed by formal amendments to this contract made by the original signatories to the contract, and recorded in the box at the top right-hand corner overleaf.
 11. **Compliance with law:** Notwithstanding anything contained in this contract, the RSP shall be wholly responsible for complying with all laws in force in India.
 12. **Settlement of disputes:** All disputes relating to this contract shall be settled mutually between the Vice-Chancellor/Director of the academic institution and Director of L/E/P placing this contract. Any remaining unresolved disputes shall be referred to final binding settlement by authorities mutually decided by the Secretary, Defence Research & Development, Ministry of Defence; and Secretary, HRD, Government of India, unless otherwise provided for in specific conditions of the contract.

RSP Signature

Signature of Estt.



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

H. Hemanth Kumar
Executive Secretary

No. KSCST/COE-CS/365

27th September, 2022

Sub: Sanction of seed fund for the shortlisted projects of CySeck Research Development Programme (RDP) - reg.

- Ref: 1. Note dated 24-08-2022 of Mr. Karthik Rao Bappanad, Centre Head, CoE-CS.
2. RDP Panel experts' emails dated 18-07-2022, 19-07-2022 & 19-08-2022.
3. Approval of the Competent Authority dated 15-09-2022.

Preamble:

In furtherance of its objectives, the Centre of Excellence in Cyber Security (CySeck) under Research Development Programme was sanctioned a seed fund of Rs. 60,000/- for seven projects shortlisted by the panel during Jan 2022 and requested them to furnish UC after completion of pre-project phase.


CySeck has requested revised proposals from the institutions. The proposals have been evaluated by the RDP Panel of experts and shortlisted four (04) projects for mentoring and award of CySeck Research development programme and recommended for sanction of initial fund of Rs. 2,00,000/- (Rupees Two Lakhs Only) to the following three (03) shortlisted projects who have furnished Utilization Certificates.

Accordingly Rs. 2,00,000/- (Rupees Two Lakhs only) have been sanctioned for each of 03 institutions based on furnishing of Utilization Certificate (UC) and remaining one is awaited. The detailed guidelines and phases of project implementation are as per Annexure - 1 attached herewith. Hence the order:

ORDER

With reference to the above, approval of the Competent Authority has been accorded for sanction of payment/transfer of seed fund of Rs. 2,00,000/- (Rupees Two Lakhs Only) to each of the following institutions for mentoring and award of Research Development Programme on CySeck as per the guidelines attached to this order:

Sl. No.	Project Title	PIs Institute Name	PI Names
1.	A Comprehensive Survey on a Deepfake video detection Techniques and its challenges.	Sahyadri College of Engineering Management	Prof. Ananth Prabhu
2.	BB84 Quantum key distribution (QKD) scheme demonstration using short LASER Pulses and its applications.	R.V. College of Engineering, Bengaluru.	Prof. B. Sathish Babu
3.	Anomaly Based Intrusion Detection in Smart Agriculture Using machine Learning Approaches.	Basaveswar Engineering College (Autonomous), Bagalkot	Prof. Sanjeevakumar M. Hatture


Executive Secretary
Karnataka State Council for
Science and Technology
Indian Institute of Science Campus
BENGALURU - 560 012

22-23/11

The Detailed Guidelines and phases for implementation of Research Development Programme on CySeck:

1. Communication during pre-project phase:

The PIs are required to establish a method of communication that suits both parties including the frequency and mode of interaction. It is the responsibility of the PI to drive forward the partnership.

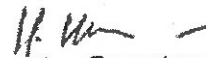
2. Funding:

CySeck has sanctioned a seed fund of Rs. 2,00,000/- for the shortlisted projects, that will be transferred to the account of the institute, and the Institute will be required to provide an Utilization Certificate and any unutilized fund amount shall be transferred back to KSCST.

3. Actual project phase:

The process of monitoring and reviewing the projects during the actual project phase has been defined below:

- ✓ The PIs are required to submit quarterly project progress reports to CySeck and the project review committee, comprising of the CySeck RDP panel of experts.
- ✓ A detailed report is to be submitted by the PIs at the end of each milestone based on which the project review committee assesses alignment to research objectives, monitor progress and recommends the project for additional grant.
- ✓ The PIs are advised to take necessary action on the recommendations of the reviewers.
- ✓ Grant Utilization reports are to be shared with the project review committee on completing each milestone.
- ✓ On the completion of the project, project completion reports are to be sent to panel of experts for feedback and comments.


Executive Secretary
Karnataka State Council for
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ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ

ವಿದ್ಯುನ್ಮಾನ, ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ವಿಕೇತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕರ್ನಾಟಕ ಸರ್ಕಾರ
ವಿಜ್ಞಾನ ಭವನ ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬನಶಂಕರಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560070
ದೂರವಾಣಿ-080-2671116 ಇ-ಮೇಲ್: ksteps.dst@gmail.com 2022-23 12

ಸಂಖ್ಯೆ: ಕಸ್ಟೆಪ್ಸ್/ ವಿತಂದಾಸ್ /RGS-F/GRD No. 1092/2021-22/477

ದಿನಾಂಕ: 15ನೇ ಫೆಬ್ರವರಿ, 2023

ಇವರಿಗೆ:
ಡಾ. ಗಜಲಕ್ಷ್ಮಿ
ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕರು
ಸಿವಿಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ
ಆರ್.ವಿ. ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು
ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ ಅಂಚೆ,
ಮೈಸೂರು ರಸ್ತೆ, ಬೆಂಗಳೂರು-ದಕ್ಷಿಣ - 560059

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2021-22ನೇ ಸಾಲಿನ ವಿತಂದಾಸ್ ಯೋಜನೆಗಳಡಿ ಪ್ರಸ್ತಾವನೆ ಆಯ್ಕೆಯಾಗಿರುವ ಬಗ್ಗೆ
ಉಲ್ಲೇಖ: 1. ವಿತಂದಾಸ್ ಅರ್ಜಿ ಆಹ್ವಾನ ಜಾರ್ಜಿರಾತು ಸಂಖ್ಯೆ: DST/KSTePS/VGST/2021-22 ದಿನಾಂಕ: 24.01.2022
2. ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ: ಐಟಿ ಬಿಟಿ 19 ಎಸ್ ಟಿ ಎಸ್ 2023, ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 14.02.2023

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಭಾರತ ರತ್ನ ಪ್ರೊ|| ಸಿ.ಎನ್.ಆರ್. ರಾವ್, ಎಫ್.ಆರ್.ಎಸ್., ರವರ ಅಧ್ಯಕ್ಷತೆಯಡಿ ರಚಿಸಲಾಗಿರುವ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ನಮೂಹದ (ವಿತಂದಾಸ್) ಶಿಫಾರಸ್ಸಿನ ಆಧಾರದ ಮೇಲೆ 2021-22ನೇ ಸಾಲಿನ ವಿತಂದಾಸದ ಯುವ ವಿಜ್ಞಾನಿಗಳಿಗೆ ಮತ್ತು ಸಂಶೋಧಕರಿಗೆ ಸಂಶೋಧನೆಗಾಗಿ ಮೂಲಾಧನ (RGS/F) ಯೋಜನೆಯಡಿ ತಾವು ಸಲ್ಲಿಸಿದ್ದ "Quantifying spatial variability and Removal of heavy metals in urban waste water by phytoremediation through constructed wetlands" ಶೀರ್ಷಿಕೆಯ ಪ್ರಸ್ತಾವನೆಯು ಆಯ್ಕೆಯಾಗುವ ಸರ್ಕಾರದಿಂದ ಅನುಮೋದನೆಗೊಂಡಿರುತ್ತದೆ ಎಂದು ತಿಳಿಸಲು ಹರ್ಷಿಸುತ್ತೇನೆ.

ವಿವಿಧ ಯೋಜನೆಗಳಡಿ ಆಯ್ಕೆಯಾದ ಸಂಸ್ಥೆ/ಪ್ರಸ್ತಾವನೆಗೆ ಸರ್ಕಾರದಿಂದ ಒದಗಿಸಲಾಗುವ ಅನುದಾನದ ವಿವರವನ್ನು ಅನುಬಂಧ-1 ರಲ್ಲಿ ಲಗತ್ತಿಸಿದೆ.

ಈ ನಿಟ್ಟಿನಲ್ಲಿ, ಈ ಕೆಳಕಂಡ ದಾಖಲೆಗಳನ್ನು ವಿತಂದಾಸ್ ಕಛೇರಿಗೆ (ನಂ: 702, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಅಂಬೇಡ್ಕರ್ ವಿಲ್ಡ್, ಬೆಂಗಳೂರು-560001) ಸಲ್ಲಿಸಲು ಸೂಚಿಸಿದೆ.

- 1) PPMS ನಲ್ಲಿ ಅರ್ಜಿಯೊಂದಿಗೆ ಸಲ್ಲಿಸಲಾಗಿರುವ ಸಂಬಂಧಪಟ್ಟ ಪ್ರಾಧಿಕಾರದ ಸಹಿಯಿರುವ ಕೆಳಕಂಡ ದಾಖಲೆಗಳು:
 - ಪ್ರಸ್ತಾವನೆಯ ಮೂಲ ಪ್ರತಿ - 2 ಪ್ರತಿಗಳು
 - Part-A ದಾಖಲೆಯ ಮೂಲ ಪ್ರತಿ (ಅನುಬಂಧ-1 ರಲ್ಲಿ ನೀಡಲಾಗಿರುವ ಅನುದಾನದ ವಿವರಕ್ಕೆ ಹೊಂದುವಂತೆ ಇರತಕ್ಕದ್ದು)
 - Undertaking letter ಮತ್ತು ಸಂಸ್ಥೆಯಿಂದ ನೀಡಲಾಗಿರುವ Endorsement Letter ನೆ ಮೂಲ ಪ್ರತಿಗಳು
 - ಸಹಯೋಗದ ಪತ್ರ (Letter of Collaboration) - ಪ್ರಸ್ತಾವನೆಯಲ್ಲಿ ನಮೂದಿಸಿದ್ದಲ್ಲಿ
 - ಸಂಶೋಧನಾ ಲೇಖನಗಳ (Publications) ಪ್ರತಿ, CV, ಅನುಭವ ಪ್ರಮಾಣ ಪತ್ರ, ಪಿ.ಹೆಚ್.ಡಿ. ಪ್ರಮಾಣ ಪತ್ರ ಮತ್ತು ಇತರೆ ಸಂಬಂಧಪಟ್ಟ ದಾಖಲೆಗಳು

- 2) ಅಫಿಡವಿಟ್ (ಅನುಬಂಧ-2 ರಲ್ಲಿ ನೀಡಲಾಗಿರುವ ನಮೂನೆಯಲ್ಲಿ ರೂ. 100/- ರ ಛಾಪಾ ಕಾಗದದ ಮೇಲೆ ನೀಡತಕ್ಕದ್ದು).

ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸಂಸ್ಥೆ

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



12

ನಂ. KSTePS/VGST/2021-22/RGS-F/GFD-1092/88/2022-23/104

ದಿನಾಂಕ: 26.04.2023

2022-23

ಮಾನ್ಯರೇ,

ವಿಷಯ: ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ RGS/F ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡಿರುವ ಬಗ್ಗೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S. ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ) ವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಈ ಯೋಜನೆಯಡಿ ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 15 ವರ್ಷಗಳಿಂದ ರಾಜ್ಯಾದ್ಯಂತ ಯಶಸ್ವಿಯಾಗಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ.

ಅದರಂತೆ, 2021-22ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Quantifying spatial variability and Removal of heavy metals in urban waste water by phytoremediation through constructed wetlands" ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Research Grant for Scientist/Faculty (RGS/F) ಅಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನವಾಗಿ ರೂ. 3,00,000/- ಗಳನ್ನು ಕೆಸ್ಪೆಪ್ಸ್ ನಿಂದ The Principal, R V College of Engineering ಹೆಸರಿನ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ (UTR No. SBINR52023032131666601) RTGS ಮೂಲಕ ದಿನಾಂಕ: 21.03.2023 ರಂದು ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅನುದಾನವನ್ನು ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್ಪೆಪ್ಸ್ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸುವುದು.

ಮುಂದುವರೆದು, ಪ್ರಸ್ತುತ ಬಿಡುಗಡೆ ಮಾಡುತ್ತಿರುವ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನವನ್ನು ಈ ಕೆಳಕಂಡ ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳನ್ವಯ ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು.

ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳು:

- ನಿಗದಿತ ನಮೂನೆಯಲ್ಲಿರುವಂತೆ ಪ್ರಾಯೋಜಕತ್ವದ ಸಂಸ್ಥೆ/ಇಲಾಖೆಯ ಹೆಸರನ್ನು ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗಳಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾಗಿರುವ ವಿತಂದಾಸದ ಸಂಶೋಧನಾ/ಬೋಧನಾ ಕೇಂದ್ರಗಳಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಬೋರ್ಡ್ (ಕನ್ನಡ ಮತ್ತು ಆಂಗ್ಲ ಭಾಷೆಯಲ್ಲಿ) ಅನ್ನು ಅಳವಡಿಸುವುದು.
- ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಾಗಲೀ ಅಥವಾ ಬೇರೆ ಸಂಸ್ಥೆಗಳ ಮುಖಾಂತರವಾಗಲೀ ಅನುಷ್ಠಾನಗೊಳಿಸುವಾಗ ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಸಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ -1999 ಮತ್ತು ನಿಯಮಗಳು 2000 (KTPP Act-1999 & Rules-2000) ಕರ್ನಾಟಕ ಆರ್ಥಿಕ ಸಂಹಿತೆ (KFC) ಹಾಗೂ ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗಸೂಚಿಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು/ಪಾಲಿಸುವುದು.
- ಪ್ರತಿ 3 ತಿಂಗಳಿಗೊಮ್ಮೆ ಕಡ್ಡಾಯವಾಗಿ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಸೂಕ್ತ ದಾಖಲೆಗಳೊಂದಿಗೆ ವಿತಂದಾಸಕ್ಕೆ ಸಲ್ಲಿಸುವುದು.

ಬ) ಕೆ.ಎಸ್.ಎಸ್/ ವಿತಂದಾಸದ ಅಧಿಕಾರಿಗಳು ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನ ಮತ್ತು ಪ್ರಗತಿಯ ಬಗ್ಗೆ ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಭೇಟಿ ನೀಡಿದಾಗ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ಮತ್ತು ಭೌತಿಕ ಪ್ರಗತಿ ವಿವರಗಳನ್ನು ಒದಗಿಸುವುದು.

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,


ಶ್ರೀ.ವಿ.ಎಸ್.ಎಸ್.ನಾರಾಯಣರು
MR

ಇವರಿಗೆ,

The Principal
R V College of Engineering
R-V-Vidyaniketan Post, Mysore Road
Bengaluru- 560 059.

ಪ್ರತಿಗಳು:

- 1: Dr. Gajalakshmi, Assistant Professor, Department of Civil Engineering, R V College of Engineering, R V Vidyaniketan Post, Mysore Road, Bengaluru- 560 059.
2. ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದೌರ್ಲಭಿಕ ಸಮೂಹ ವಿಭಾಗ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 01, ಇವರ ಅವಗಾಹನೆಗೆ ಮತ್ತು ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ.

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03/05/2023



भारतीय आयुर्विज्ञान अनुसंधान परिषद INDIAN COUNCIL OF MEDICAL RESEARCH

वी. रामलिंगस्वामी भवन, अंसारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110029
V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110029

Dated: 5/2/22

No. BMI/12(102)/2021
ID No. 2021-6487

To,
The Principal,
RV College of Engineering,
Bangalore-560059

Sub:- Sanction and budget allotment for the New Schemes Entitled, "A novel multi-omics approach to predict the possible long-term complications of COVID-19" under Dr. Vidya Niranjan Center Research Laboratory, RV College of Engineering, Bangalore-560059


Sir,

1. The Director General of the Council sanctions the above-mentioned research scheme initially for a period of One year from 01.12.2022 to 31.05.2023 subject to extension up to the total duration specified in para 3(c) below.
2. The Director General of the Council also sanctions the budget allotment of Rs.7,37,768/- (Rupees Seven Lakh Thirty Seven Thousand Seven Hundred Sixty Eight Only) as detailed in the attached statement for the year 2022-23 subject to the condition that the grant will be utilized after following the provisions laid down in the GFRs-2017 & TA Rules. Please keep the fund in a separate Saving Bank account opened for ICMR funded Research Projects so that interest earned thereon is credited into this account.
3. The grant-in-aid will be given subject to the following conditions:
 - a) The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council.
 - b) The staff appointed on the project should be paid as indicated in the budget statement attached.
 - c) The approved duration of the scheme is for 6 months. The annual extension will be given after a review of the work done on the scheme during the previous year.

Contd.....2.

- d) Two copies of the annual progress report (with a soft copy also) of work done be submitted to the Council every year after completion of ten months of the project. Failure of submitting report in time may lead to termination of the project.
- e) The institute will maintain a separate account of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant may be furnished to ICMR for the period of 01.12.2022 to 31.05.2023.
- f) The next year grant will only be released after receipt of the Progress Report along with Utilization Certificate and Statement of Expenditure.
- g) The other terms and conditions are indicated in Annexure I. The receipt of this letter may please be acknowledged.


Yours faithfully,


(G.S. Sandhu)
Sr. Admn. Officer
for Director General.

RFC No. BMI/Adhoc/15/2022-23 dated. 10/11/2022

Copy together with a copy of the budget statement forwarded for information to: -

1. Dr. Vidya Niranjana, Center Research Laboratory, RV College of Engineering, Bangalore-560059.
2. Copy together with two copies of the budget statement forwarded to the Accounts Section, ICMR for information and necessary action.
RFC No. BMI/Adhoc/15/2022-23 dated. 10/11/2022
3. IRIS ID No.2021-6487

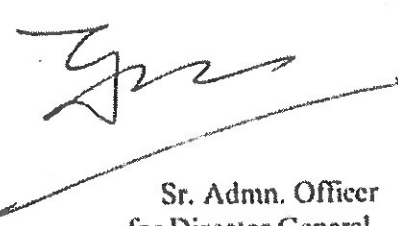

Sr. Admn. Officer
for Director General.

Sanction and budget allotment for the New Schemes Entitled, "A novel multi-omics approach to predict the possible long-term complications of COVID-19" under Dr. Vidya Niranjana Center Research Laboratory, RV College of Engineering, Bangalore-560059.

Budget statement
(01.12.2022 to 31.05.2023)

S. No.	Head	1 st year (6 Months)
1	Manpower	
	Research Associate-I (1) @Rs. 47,000/- pm+ 27% HRA	3,58,140
	Research Associate-I (1) @Rs. 47,000/- pm+ 27% HRA	3,58,140
2	Contingencies	0
	Non Recurring (Equipment)	0
3	Recurring (Consumables)	0
4	Travel	0
5	Overhead Charge @ 3%	21,488
	Total*	7,37,768

(Rupees Seven Lakh Thirty Seven Thousand Seven Hundred Sixty Eight Only)
RFC No. BMI/Adhoc/15/2022-23 dated. 10/11/2022
DOS: 02.01.2023
Duration: Six Months


Sr. Admn. Officer
for Director General.

3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years

3.2.2 Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

SI No	Name of of the PI/ Co-PI/Name of the person	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration (Years)	Year of award or sanction	Amount in INR.
2021-2022						
1	Dr.Vidya Niranjana	DBT-JRF Program - Fellowship- Rudrappa Gattu, Biotech	DBT	3	2021	275,400.00
2	Dr.Uma B V	Share & mentor institutions (Margadarshan)	AICTE	2	2021	565,504.00
3	Dr. Vidya Niranjana	INSPIRE Internship Science camp	DST	1	2021	175,000.00
4	Dr. Vidya Niranjana	DBT-JRF Program - Fellowship- Rudrappa Gattu, Biotech	DBT	3	2021	245,640.00
5	Dr.Dinesh M N	Control and stability analysis of renewable energy based DC nanogrids for rural electrification	DST	3	2021	1,174,846.00
6	Dr.Sowmya Rani	Data Anonymization techniques for mitigation of privacy attacks in data publishing	VGST-K FIST	2	2021	750,000.00
7	Dr.P R Venkatesh	Experimental investigation of damage monitoring in sandwich structure using vibration data for aircraft application	ARDB	2	2021	283,062.00
8	Dr.Srivani S G	Solar Iron Cart	FINP / NIAS	2	2021	29,991.00
9	Dr.Raju H	Evaluation of cytotoxic properties of translation inhibitors to target cells with defective tRNA modifications and investigations of possible molecular mechanisms (ICMR fellowship to Bhavana V)	ICMR	3	2021	540,800.00

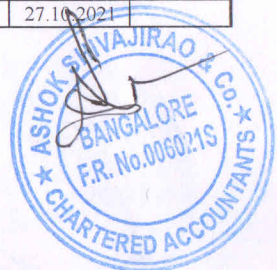
10	Dr.Radhakrishna and Dr. Ujwal Shreenag Meda	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST, GoI	3	2021	1,000,000.00
11	Dr.Anupama V Joshi	Financial Sanction under Teachers Associateship for Research Excellence (TARE)	SERB, GoI	3	2021	250,000.00
12	Dr.Sreelakshmi K	Moderinization of wireless communication laboratory with full fledged testing and characteization of passive and active circuits for 5G and allied technologies	AICTE- MODR OB	2	2022	1,278,120.00
13	Dr.Vidya Niranjan	DBT-JRF Program - Fellowship, HRA to Rudrappa Gattu, Biotech & Contingenty Grant 1.4.21 to 23.2.22	DBT	3	2022	254,010.00
14	Dr.Bnaratish A and Dr.G.R.Rajk umar	Investigation of Tribological Performane of Laser Surface Texturednickel Aluminium Bronze for Landing Gear Applications	ARDB	2	2022	200,000.00
Total						7,022,373.00

R. V. COLLEGE OF ENGINEERING, BANGALORE - 59

PROJECT GRANT DETAILS FROM 01.04.2021 TO 31.03.2022

Sl No	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2021-22	Released during 2021-22	Anticipated Grants	Date of Receipt	Remarks
1	DBT-JRF Program - Fellowship- Rudrappa Gattu, Biotech	DBT	Dr.Vidya Niranjana	BT	2,75,400.00	-	2,75,400.00	2,75,400.00	-	04.05.2021	
2	Financial assistance to student club to develop as a model club at institution under the scheme Promoting Interests, Creativity and Ethics among students (SPICES)	AICTE	Dr. Shaam Aaan	Chemistry	1,00,000.00	-	1,00,000.00	1,00,000.00	-	07.05.2021	
3	Share & mentor institutions (Margadarshan)	AICTE	Dr.Uma B V	ECE	17,00,000.00	8,50,000.00	8,50,000.00	5,65,504.00	2,84,496.00	31.05.2021	
4	FDP	AICTE	Ramaa A	IEM	93,000.00	-	-	93,000.00		09.06.2021	
5	FDP	AICTE	Sathish Babu	CSE	93,000.00	-	-	93,000.00		16.07.2021	
6	INSPIRE Internship Science camp	Dept of S&T	Dr.Vidya Niranjana	BT	9,75,000.00	8,00,000.00	-	1,75,000.00	-	31.08.2021	
7	Conduction of CTGZMA conference	AICTE	Dr.Jasmiñe K S	MCA	2,30,000.00	-	-	1,15,000.00	1,15,000.00	09.09.2021	
8	JRF Fellowship for 2021-2022	DBT	Dr.Vidya Niranjana	BT	2,45,640.00	-	-	2,45,640.00	-	21.09.2021	
9	FDP - Recent Trends in computational intelligence and Analytics	AICTE	Dr.Savitha R	MCA	1,00,000.00	-	-	1,00,000.00	-	29.09.2021	
10	WOS-Project "Control and stability analysis of renewable energy based DC nanogrids for rural electrification	DST	PI: Alumni student Madhumati Eti (Guide: Dr.Dinesh M N)	EEE	26,32,278.00	-	-	11,73,846.00	14,58,432.00	30.09.2021	
11	Data Anonymization techniques for mitigation of privacy attacks in data publishing	AICTE	Dr.Sowmya Rani	CSE	7,50,000.00	-	-	7,50,000.00	-	01.10.2021	
12	Varunamitra Program (1st batch)	NISE	PI: Madhu B R & Adinath Jain	EEE	3,21,408.00	-	-	3,21,408.00	-	01.10.2021	
13	Utilization of alumina industrial waste for novel mix design in the development of controlled low strength materials under KSTePS	AICTE	PI: Dr.Raghavendra T	Civil	3,00,000.00	-	-	3,00,000.00	-	05.10.2021	
14	ATAL Tunnel study tour	AICTE	PI: Lokeshwari	Civil	2,00,000.00	-	-	2,00,000.00	-	06.10.2021 & 25.02.2022	
15	Experimental investigation of damage monitoring in sandwich structure using vibration data for aircraft application	ARDB	Dr.P R Venkatesh	Mech	12,19,100.00	7,69,100.00	-	2,83,062.00	1,66,938.00	06.10.2021	
16	Solar Iron Cart	FINP / NIAS	Dr.Srivani S G	EEE	1,19,981.00	90,000.00	29,981.00	29,981.00	-	21.10.2021	
17	FDP - under ATAL scheme	AICTE	Dr. Vijaya Kumar	BT	93,000.00	-	-	93,000.00	-	27.10.2021	

Subramanyam
PRINCIPAL
 RV COLLEGE OF ENGINEERING
 BENGALURU - 560 059



Sl No	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2021-22	Released during 2021-22	Anticipated Grants	Date of Receipt	Remarks
18	FDP - AICTE-ISTE one week refresher programme on "Design thinking to Augment 21, century skills	AICTE	Dr.Jasmine K S	MCA	93,000.00	-	-	81,000.00	12,000.00	18.11.2021	
19	SRF fellowship to Bhavana V for the research project "Evaluation of cytotoxic properties of translation inhibitors to target cells with defective tRNA modifications and investigations of possible molecular mechanisms	ICMR	PI: Alumni student Bhavana V (Guide: Dr.Raju H)	BT	16,22,400.00	-	-	5,40,800.00	10,81,600.00	18.11.2021	
20	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST, GoI	Dr.Radhakrishna	Civil	70,00,000.00	51,65,900.00	18,34,100.00	10,00,000.00	8,34,100.00	03.12.2021	
21	Financial Sanction under Teachers Associateship for Research Excellence (TARE)	SERB, GoI	Dr.Anupama V Joshi	Chemical	18,30,000.00	2,75,000.00	15,55,000.00	2,50,000.00	13,05,000.00	07.12.2021	
22	FDP - Renewables and clean energy for industries	AICTE	Dr.Ranganath D	Placement	93,000.00	-	93,000.00	93,000.00	-	30.12.2021	
23	MODROB	AICTE	Dr.Sreelakshmi K	ETCE	15,97,650.00	-	15,97,650.00	12,78,120.00	3,19,530.00	03.02.2022	Excluding: Rs.2 lac is institution share
24	DBT-JRF Program - Fellowship, HRA to Rudrappa Gattu, Biotech & Contingency Grant 1.4.21 to 23.2.22	DBT	Dr.Vidya Niranjana	BT	10,20,690.00	7,66,680.00	2,54,010.00	2,54,010.00	-	17.02.2022	
25	Investigation of Tribological Performane of Laser Surface Texturednickel Aluminium Bronze for Landing Gear Applications	ARDB	Dr.Bharatish A	Mech	15,83,250.00	13,83,250.00	2,00,000.00	2,00,000.00	-	18.02.2022	
26	Optimization of C&D Waste (Brick & Concrete waste) replacement as aggregares in hollow concrete blocksfor unreinforced masonry	VTU	Dr.Renukadevi M V	Civil	9,00,000.00	-	9,00,000.00	-	9,00,000.00		Excluding: Rs.3 lac is institution share
27	Exploratory research on impact of artificial intelligence on procurement in the supply chain	VTU	Dr.Ramaa A	IEM	4,50,000.00	-	4,50,000.00	-	4,50,000.00		Excluding: Rs.1.5 lac is institution share
Grand Total Rs.					2,56,37,797.00	1,00,99,930.00	81,39,141.00	86,10,771.00	69,27,096.00		

S. Subramanyam
PRINCIPAL
 RV COLLEGE OF ENGINEERING
 BENGALURU - 560 059





Shyamala S. <shyamalas@rvce.edu.in>

21-22-1

Fwd: Release of fellowship for F.Y. 2021-22 (First Instalment)

1 message

Vidya N <vidya.n@rvce.edu.in>
 To: "Shyamala S." <shyamalas@rvce.edu.in>

Thu, Sep 23, 2021 at 1:51 PM

Vidya Nirajan, Ph.D,
 Head of the Department,
 Department of Biotechnology,
 RV College of Engineering
 RV Vidyanikethan Post, Mysuru Road
 Bengaluru 560059
 Ph: +91-9945465657
 Click/Scan to visit my website for more details



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

From: DBT JRF Programme <jrf.dbt@rcb.res.in>
 Date: Wed, Sep 22, 2021 at 7:24 PM
 Subject: Release of fellowship for F.Y. 2021-22 (First Instalment)
 To:

Dear Fellow,

With reference to the continuity certificate submitted by your Ph.D. Supervisor/ Guide or the joining forms submitted by you on DBT JRF portal, we would like to inform you that your fellowship, HRA and contingency for F.Y. 2021-22 has been released as a part of 01st/ 02nd Disbursement List for F.Y. 2021-22.

These release lists will be updated at RCB / DBT JRF websites shortly. A copy of the same is attached for your reference. You may please inform your institute/ university's accounts/ finance division for their necessary action.

CC: All Ph.D. Supervisor/ Guide/ Institute's Nodal officers

With regards

O/o

DBT Junior Research Fellowship Programme

DBT HRD Project & Management Unit

Regional Centre for Biotechnology

NCR Biotech Science Cluster

3rd Milestone, Faridabad-Gurugram Expressway

Faridabad - 120001

Ph: 0129-2848817/ 773

21-22/1

1st and 2nd Disbursement List for F.Y. 2021-22.pdf
 1601K

448	Tamaliika Paul	Presidency University, Kolkata	01-04-2021 to 30-09-21	SRF	₹ 2,10,000	₹ 50,400	₹ 15,000	₹ 2,75,400	₹ 2,75,400	RBI265217067315	
449	Navaneetha Krishnan J	Punjab Agricultural University, Ludhiana	01-04-2021 to 30-09-2021	SRF	₹ 2,10,000	₹ 0	₹ 15,000	₹ 2,25,000	₹ 2,25,000	RBI2652170683355	
450	Rudrappa Gattu	R V College of Engineering, Bengaluru	01-04-2021 to 30-09-2021	JRF	₹ 1,86,000	₹ 44,640	₹ 15,000	₹ 2,45,640	₹ 2,45,640	RBI2652170682130	21.09.2021
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201-22-5

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070,

File No. 58-5/RIFD/Margdarshan/2018-19

12th May, 2021

Margdarshan Sanction Letter

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070,

Sub: Release of Grants under Share & Mentor Institutions (Margdarshan) Scheme during the current financial year 2020-21.

Sir,

This is to convey the sanction of the Council for payment of Rs. 5,64,504.90/- (Rupees Five Lakh Sixty-Four Thousand Five Hundred Four and Ninety Paise Only) under the Share & Mentor Institutions (Margdarshan) as Grant-in-aid for meeting the expenditure for implementing the scheme to improve the quality parameters of Mentee institutes so that over a period of time, the programs of the mentee institutes will get accreditation by NBA.

Details given below:

1.	Name of the Beneficiary Institution University / College / Institute	:	R.V. College of Engineering, Mysore, Bangalore 560059, Karnataka
2.	Chief Coordinator's Name.	:	Dr. Uma B. V.
3.	Grant-in-aid Sanctioned	:	Rs.5,64,504.90/-
4.	Amount to be Released during the year 2020-21	:	Rs.5,64,504.90/- (after deduction of unspent amount of Rs.2,85,495.10/-) from Rs.8,50,000/-
5.	Duration	:	3 Years

1. The sanctioned grant-in-aid is debitible to the major Head 602.17 {Share & Mentor Institutions -Margdarshan} & valid for payment during the financial year 2020-21.
2. The amount of grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of Principal/Director/Registrar R.V. College of Engineering, Mysore, Bangalore 560059, Karnataka through RTGS.
3. The Principal of the institute and the coordinator of the project are requested to verify the correctness of the under mentioned bank account/RTGS details submitted by them along with the proposal, in which the grant is being released:

21-22/2

Institute PAN Number	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATR0758A	Kotak Mahindra Bank Ltd.	RVCE Branch	R.V. College of Engineering Campus, R.V. Vidyaniketan Post, Mysuru Road, Bengaluru 560059	Principal, R.V. College of Engineering	Saving	136010112055	KKBK0008053

In case of any omission the same should be reported to AICTE immediately.

A/c 7
K.S.
21-22

The instructions to be followed by the institute:

I. Financial Guidelines

1. The date of release of the grant by AICTE shall be taken as the date of commencement of the scheme. The Principal/Director/Registrar shall intimate within 10 days by post (not on e-mail) about the receipt of the grant to Director (Margdarshak Cell), All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070
2. AICTE, alongwith acceptance of the instructions/guidelines of the Sanction order to the following address.
3. Any expenditure incurred prior to issuance of the sanction order is not allowed to be adjusted in the grant.
4. If the University/Institution do not take the project work within 3 months of the receipt of the grant, approval shall *ipso facto* lapse and the released amount, alongwith interest accrued thereon, has to be returned to AICTE, by way of a demand draft in favor of Member Secretary, AICTE, New Delhi.
5. As AICTE needs adequate time for depositing the demand draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

II. Implementation of scheme:

1. The Mentor Institute shall identify atleast ten (10) other AICTE approved institutions which are yet to get NBA accreditation and are free from vigilance/disciplinary angle as Mentee institutes for the programme. The objective is to help mentee institutes to improve their quality parameters to enable them to get accreditation by NBA.
2. The Mentor institute will provide the list of institutes to which it will provide mentorship along with the consent letters with copies of MoUs signed with the mentee institutes. It may be ensured that the mentee institutes are not being mentored by any other mentor institute or by a Margadarshak. Action will be taken if these guidelines are not adhered to. The mentor - mentee mapping is to build a strong linkage so that the outcome of the mentoring results in accreditation of the programs of mentee institutes by NBA.
3. The Mentor Institute should conduct at least 06 FDP of one-week duration each with minimum 30 participants including at least 25 guest lecturers. The distance between mentor-mentee should be less than 200 Kms.

III. Maintenance of accounts by the institute

1. Not to incur expenditure on computer, laptops etc.
2. The expenditure under the Heads 'Honorarium to Course Coordinator' and 'Honorarium to Resource Persons' shall not exceed 1% & 20% respectively of the total sanctioned grant for the Programme.
3. The Mentor Institute shall maintain proper accounts of the Expenditure out of the grants and shall be utilized only on approved items of expenditure. The institute is required to open a separate bank account or to maintain separate account register to get the interest on accumulation of this grant/fund received from AICTE. The interest accrued on the sanctioned grant-in-aid will be reported back to AICTE and refunded to AICTE and not to be adjusted against subsequent installments.

Expenditure above the sanctioned amount of grant is to be incurred from own funds.

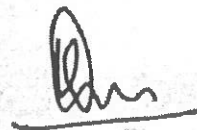
5. The institute/University shall not charge any overheads on this Project and will provide all the administrative support for completion of the Project.
6. The grantee shall maintain an audited record of expenditure out of the grant-in-aid and a register for assets, if any, shall be maintained by the Institute in the prescribed form i.e. GFR-19.
7. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
8. The assets, if any acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.

IV. Submission of mandatory documents by the institute

1. The Annual Progress Report in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion of each financial year.
2. Performance Monitoring Committee (PMC) is required to be constituted at institutional level. The constitution of the PEC shall be as under:
 - i. Principal/Director of the institution (Chairperson)
 - ii. Two HODs from institute (Members)
 - iii. In case of private institute, one expert from Government institute, not below the rank of Associate Professor (Member)
 - iv. Coordinator of the project (Member Secretary)
3. Scheme Completion Report (SCR) in the prescribed format along with the Audited Statement of Expenditure indicating expenditure incurred in the total duration of the scheme in the prescribed format, utilization Certificate and GFR-19 shall be submitted to the Council in the prescribed format.
4. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the All India Council for Technical Education as early as possible after completion of the scheme. It should contain the head-wise break up of expenditure alongwith bills/vouchers duly signed and stamped by the Chief coordinator and head of institute, made from the grant-in-aid provided by the Council.
5. A complete status report of the scheme indicating the achievement of the objectives of the scheme is to be submitted. The report is to include details of activities undertaken by Margdarshan institute for enhancement of quality, attainment of outcomes, self-assessment report (SAR), evaluation report and accreditation certificates of programs of mentee institutes. The number of institutes benefited, FDP and guest lecture photographs of participants, together with their views is to be submitted.

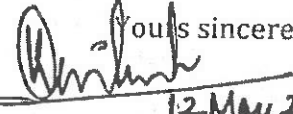
V. General instructions

1. The duration of the scheme is for three years from the date of release of grant. The mentor institute is required to design the activities in such a way that within this period the objective of the scheme is achieved. It may be ensured that the scheme is completed within the stipulated time. If the scheme is not completed in time, no further extension will be granted in any case and institute has to refund



the entire amount to AICTE. The request of reimbursement of 50% of remaining amount in case of private institution and 10% in case of Govt. institution shall be made with UC and other related documents in such a way that the entire Margdarshan scheme is completed in the prescribed period of three years.

2. Any unavoidable circumstances change in the Margdarshan scheme with respect to name of coordinator for the Margdarshan scheme would mandatorily require prior approval of the council. All such requests should be addressed to AICTE in advance, recording the specific reasons for proposed change, failing which the offer for the grant already issued would be treated as automatically withdrawn and the grant released in favor of the Margdarshan institution shall be refunded immediately to the Council. Kindly mention the file number 58-6/RIFD/Margdarshan/ 2016-17 in all future correspondence.
3. The Mentor institute is required to follow all terms & condition laid down in the scheme as well as in the offer letter rigidly.
4. Government of India GFR rules should be followed during utilization of grant.
5. You are requested to work as per the revised guidelines.

Yours sincerely,


12 May 2021
(Lt. Col. Kailash Bansal)
Director (Margdarshak Cell)

Copy forwarded for information and necessary action to:

- 1/ The Principal/Director/Registrar
R.V. College of Engineering, Mysore,
Bangalore 560059, Karnataka
- 2 Dr. Uma B. V., Chief Coordinator,
R.V. College of Engineering, Mysore,
Bangalore 560059, Karnataka
3. Office of Director General of Audit
General Revenues, AGCR Building
I.P. State, New Delhi-110002
4. Approval Bureau, AICTE, New Delhi
5. AICTE-South-Western Regional Office
South Western Regional Office,
P.K. Block, Palace Road,
Bangalore - 560 009
6. Guard File

2021-22/3

No. INSPIRE INTERNSHIP/7/2019-20/13
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
(INSPIRE PROGRAM)

Technology Bhawan
New Mehrauli Road
New Delhi-110 016
Date: 13th November, 2019

SANCTION ORDER

Subject: Financial assistance for organizing the INSPIRE Internship Science Camp (Ref. no. DST/INSPIRE/01/2019/000539) during 16-20 December, 2019 at R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka.

PI: Dr. Vidya Niranjana, Professor and Head/Program Co-ordinator, Department of Biotechnology, R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka.

Sanction of the President is hereby conveyed for the organization of above mentioned INSPIRE Internship Science Camp for 150 students during 16-20 December, 2019 at R V College Of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka at a total cost, General component, not exceeding Rs. 9,75,000/- (Rupees Nine Lakh and Seventy-Five Thousand only)

2. Sanction of the President is also accorded to the General component release of Rs. 8,00,000/- (Rupees Eight Lakh only) to the R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka as the initial grant for organizing the above mentioned program and the final release will be made on receipt of Utilization Certificate and Statement of Expenditure from the host Institute.

3. It is certified that travel by Air/Rail/Road (Car/Taxi etc.) in this case is urgent and considered necessary in the public interest. The sanction of the President is also accorded to the performance of Journey by Air/Train (1st Class/AC2tier/AC3tier) /Road (Own Car/taxi etc.) by the participants as per their entitlement in their parent organization.

4. Host Institute will furnish financial records in the form of the Statement of Expenditure and Utilization Certificate duly reflecting the interest earned/accrued on the above received amount by them along with INSPIRE Internship Science Camp Completion Report to DST. After receiving these documents, DST will release the next/Final installment amount if applicable. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and final completion report within one year from the scheduled date of completion.

5. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts.

6. The expenditure involved is to be debited to
Demand No. 86 – Department of Science and Technology
3425: Other Scientific Research (Major Head)
60 – Other (Sub-Major Head)
60.200 – Assistance to other Scientific Bodies (Minor Head)
68 – Science & Technology Institutional and Human Capacity Building
68.00.31 – Grant-in-aid General for the year 2019-2020 (Voted)
(Previous: 56.03.31 – Alliance and R&D Mission)

7. The amount of Rs.8,00,000/- (Rupees Eight Lakh only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka. The bank details for electronic transfer of funds through RTGS are given below: -

Name of the Account Holder: R V College of Engineering, Bangalore-560059, Karnataka
Bank Name: Kotak Mahindra Bank
Account No.: 136010112055
IFSC Code: KKBK0008053

Cont...2/-

Dr. Vidya Niranjana
R V College of Engineering
Post Kengeri, Bangalore-560059
13/11/2019

8. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.


9. The grantee organization will have to enter & upload the utilization certificate in the PFMS portal. The subsequent /final installment will be released only after confirmation of the acceptance of the UC by online portal and of entry of previous UCs' by the division.

10. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Department of Science & Technology should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

11. Failure to comply with the terms and conditions of the scheme will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

12. The sanction issue under the powers delegated to the Ministries and with the concurrence of the Integrated Finance Division, Department of Science and Technology vied their Dy. No. C/4076/IFD/2019-20 dated 11.11.2019.

13. The Sanction Order is entered vide INSPIRE Sl. No. 415 in the Register of Grants.


(Dr. Umesh K. Sharma)
Scientist -E

Copy forwarded for information and necessary action to: -


1. Copy with two spare copies of the sanction to the Drawing and Disbursing Officer, DST, New Delhi.
2. Pay & Accounts Officer, DST, New Delhi.
3. Sanction Folder, DST, New Delhi.

4. The Principal Director of Audit
A.G.C.R. Building
111rd Floor, I.P. Estate
New Delhi-110 002

5. The Principal
R V College Of Engineering
R V Vidyaniketan Post Kengeri
Bangalore-560059, Karnataka.

6. Dr. Vidya Nirajan
Professor and Head/Program Co-ordinator
Department of Biotechnology
R V College Of Engineering
R V Vidyaniketan Post Kengeri
Bangalore-560059, Karnataka.

7. File Copy


(Dr. Umesh K. Sharma)
Scientist -E



Department of Biotechnology

Date: 03.06.2024

To Whom It May Concern

I am writing to provide details regarding the financial assistance sanctioned for organizing the INSPIRE Internship Science camp. The sanctioned amount totals Rs. 9,75,000/-, which includes two components:

1. **Initial Grant:** An initial amount of Rs. 8,00,000/- was released as the first installment to facilitate the organization of the mentioned program.
2. **Final Grant:** A subsequent amount of Rs. 1,75,000/- was released upon the submission of the utilization certificate, around July 2021.

Please find attached the sanction order with this letter for your reference and records.

Thank you for your attention to this matter.

Sincerely,

Vidya Niranjan
Dr. Vidya Niranjan

Professor,

Head of the Department

Department of Biotechnology,

RV College of Engineering, Computational Genomics,

Center of Excellence
RV College of Engineering,
BANGALORE - 560 059

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2021-22/5

DST/WOS-B/EIT-8/2021/Madhumathi (G)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(WISE-KIRAN Division)

Technology Bhavan,
New Delhi-110016
Dated: 27.09.2021

ORDER

Sub: Financial approval of WOS-B project proposal entitled "Control and Stability Analysis of Renewable Energy based DC Nanogrids for Rural Electrification" for duration of 36 months.

PI: Ms. Madhumathi Eti, RV College of Engineering, Bangalore, Karnataka.

Sanction of the President is hereby accorded to the above mentioned project at a total cost of Rs.26,32,278/- (Rupees Twenty Six Lac Thirty Two Thousand Two Hundred Seventy Eight only) to RV College of Engineering, Bangalore, for a duration 36 months. The detailed breakup of the grant towards General Components and Capital Assets are given below:

General Component: Rs.22,20,583/-
 Capital Component: Rs.4,11,695/-
 Total :Rs.26,32,278/-

Detailed breakup of the total grant towards above WOS-B project for 36 months duration is given below:

Sl. No.	Budget Head	1 st Year	2 nd Year	3 rd Year	Total
A. Non-recurring (Capital Asset)					
	Equipment	4,11,695/-	--	---	4,11,695/-
	Total (Non-Recurring)	4,11,695/-			4,11,695/-
B. Recurring Items (General)					
1.	Recurring -I				
	a. Fellowship for M.Tech @ Rs 40,000/- p.m. for 36 months	4,80,000/-	4,80,000/-	4,80,000/-	14,40,000/-
	b. HRA @ 24 % (X Class City)	1,15,200/-	1,15,200/-	1,15,200/-	3,45,600/-
	Recurring -II (Consumables, Other Costs and Travel)	60,000/-	60,000/-	60,000/-	1,80,000/-
	Recurring - III (Contingencies)	20,000/-	20,000/-	20,000/-	60,000/-
2.	Recurring - IV (Overhead Charges)	86,951/-	54,016/-	54,016/-	1,94,983/-
	Total (Recurring)	7,62,151/-	7,29,216/-	7,29,216/-	22,20,583/-
C. Total Cost of Project		11,73,846/-	7,29,216/-	7,29,216/-	26,32,278/-

P. Kumar
 27/09/2021

2. While providing operational flexibility amount various sub-heads under head Recurring-II, it should be ensured that not more than Rs. 60,000/- should be spent for Travel in 3 years.

3. The sanction of the President is also accorded to the release of Rs.11,73,846/- (Rupees Eleven Lac Seventy Three Thousand Eight Hundred Forty Six only) as Rs.7,62,151/- (Rupees Seven Lac Sixty Two Thousand One Hundred Fifty One only) under 'General component' and Rs.4,11,695/- (Rupees Four Lac Eleven Thousand Six Hundred Ninety Five only) under Capital Assets as the first installment of grant for implementation of the above mentioned project.

4. The amount of Rs.7,62,151/- (Rupees Seven Lac Sixty Two Thousand One Hundred Fifty One only) will be drawn by the Drawing and Disbursing Officer, Department of Science and technology (DST) and will be disbursed to RV College of Engineering, Bangalore, Karnataka through RTGS for account details as given below:

Institution Account Name	R V College of Engineering, Bangalore
Saving Bank Account Number	136010112055
Name of Bank	Kotak Mahindra Bank
Branch Name	RVCE
RTGS/IFSC Code	KKBK0008053

5. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/ accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

6. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal and UC id number should be intimated to us besides sending it in physical form to this Division. The subsequent/ final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE&UC has to be furnished for the released Capital head grant.

8. The grant-in-aid being released is subject to the condition that:

(a) As per Rule 149 of GFR, 2017, the Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM only.

(b) While submitting Utilization Certificate & Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

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(c) "Grantee organization is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee organization."

9. As per General Financial Rules (GFR) 2017, the grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (CFI)(through Non-Tax Receipt Portal (NTRP)) i.e. www.bharatkosh.gov.in), immediately after finalization of accounts of each financial year as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of Grant/Closure of project accounts.

10. (a) DST reserves sole rights on the assets out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

(b) DST reserves rights to close the project activity any time based on the review of progress of the project.

(c) A prior intimation to DST by grantee is must before leaving the country for attending conference/availing any short term fellowship abroad during the project tenure.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C & AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgment of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and condition of the Bond (if applicable) will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The targeted deliverables along with the timelines as proposed in the project are annexed herewith. The subsequent releases will be made on the basis of "Targets Vs Achievement".

15. The expenditure involved is dubitable to Demand No.88, Department of Science & Technology for the year 2021-22:

3425	Other Scientific Research (Major Head)
60	Others (Sub-Major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
68	Science and Technology Institutional and Human Capacity Building (Sub Head)
01	Disha Programme for Women in Science
68.01.31	Grants-in-aid General for the year 2021-22 (Voted) (Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

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Ramesh Kumar
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16. As per rule 234 of GFR, this sanction has been entered in the register maintained by the WISE-KIRAN Division (Disha Programme for Women in Science) for the Grant-in-aid sanctions and a serial no assigned in the register for this sanction is 273.
17. This issues with the concurrence of IFD of DST vide the concurrence Dy. No.100/IFD/1702/2021-22 dated 31.08.2021.

Pawan Kumar
27/09/2021
(Pawan Kumar)
Scientist 'C'

To
The Pay and Accounts Officer
Department of Science & Technology
New Delhi.

Copy forwarded for information and necessary action to:

1. Cash Section (Three copies including original one).
2. PAO, DST, New Delhi.
3. Director of Audit (CW&M-1I), Indraprastha Estate, AGCR Building, New Delhi - 110002.
4. Principal, R V College of Engineering, Mysore Road, R V Vidyaniketan Post, Bangalore- 560059, Karnataka.
5. Mr. Dinesh M N, Associate Professor, Department of Electrical and Electronics Engineering, R V College of Engineering, Mysore Road, R V Vidyaniketan Post, Bangalore - 560059, Karnataka. (Mentor)
6. Ms. Madhumathi Eti, 62/2 F2, Raksha Homes 6th Main, 3RD Cross BCC Layout, Vijaynagar II Stage, Opp. Shakti Ganpati Temple, Bangalore - 560040, Karnataka
7. Sanction Folder
8. WISE-KIRAN Secretariat/Head, WISE-KIRAN Division.

Pawan Kumar
27/09/2021
(Pawan Kumar)
Scientist 'C'



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸಂಸ್ಥೆ

ವಿದ್ಯುನ್ಮಾನ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಜೈವಿಕ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ.

ಕರ್ನಾಟಕ ಸರ್ಕಾರ

'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 21ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬಸರಂಕೆರೆ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560070

ದೂರವಾಣಿ: 080-26711166 ಇ-ಮೇಲ್: ksteos.dst@gmail.com



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ನಂ. KSTePS/VGST/2020-21/K-FIST(L1)/GRD-961/19/2021-22 | 873

ದಿನಾಂಕ: 11.11.2021

2021-22

ಮಾನ್ಯರೇ,

ವಿಷಯ: ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ KFIST (L1) ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡಿರುವ ಬಗ್ಗೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S. ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ) ವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಈ ಯೋಜನೆಯಡಿ ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 12 ವರ್ಷಗಳಿಂದ ರಾಜ್ಯಾದ್ಯಂತ ಯಶಸ್ವಿಯಾಗಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ. 2020-21ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Data Anonymization Techniques for Mitigation of Privacy attacks in data publishing" ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Karnataka Fund for Infrastructure Strengthening in Science and Technology (KFIST (L1)) ಅಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಮೊದಲನೇ ಕಂತಾಗಿ ರೂ. 7,50,000/-ಗಳ ಅನುದಾನವನ್ನು ಕೆಸ್ವೆಪ್ಸಿನಿಂದ The Principal, RV College of Engineering ಹೆಸರಿನ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ (UTR No. SBINR52021100144882135) RTGS ಮೂಲಕ ದಿನಾಂಕ: 01.10.2021 ರಂದು ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅನುದಾನವನ್ನು ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್ವೆಪ್ಸ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸುವುದು.

ಮುಂದುವರೆದು, ಪ್ರಸ್ತುತ ಬಿಡುಗಡೆ ಮಾಡುತ್ತಿರುವ 1ನೇ ಕಂತಿನ ಅನುದಾನಕ್ಕೆ ಈ ಕೆಳಕಂಡ ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳನ್ವಯ ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು.

ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳು:

- ಅ) ನಿಗದಿತ ನಮೂನೆಯಲ್ಲಿರುವಂತೆ ಪ್ರಾಯೋಜಕತ್ವದ ಸಂಸ್ಥೆ/ಇಲಾಖೆಯ ಹೆಸರನ್ನು ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗಳಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾಗಿರುವ ವಿತಂದಾಸದ ಸಂಶೋಧನಾ/ಬೋಧನಾ ಕೇಂದ್ರಗಳಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಬೋರ್ಡ್ (ಕನ್ನಡ ಮತ್ತು ಆಂಗ್ಲ ಭಾಷೆಯಲ್ಲಿ) ಅನ್ನು ಅಳವಡಿಸುವುದು.

...2

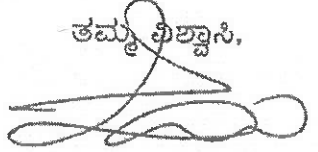
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- ಆ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಾಗಲೀ ಅಥವಾ ಬೇರೆ ಸಂಸ್ಥೆಗಳ ಮುಖಾಂತರವಾಗಲೀ ಅನುಷ್ಠಾನಗೊಳಿಸುವಾಗ ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ -1999 ಮತ್ತು ನಿಯಮಗಳು 2000 (KTPP Act-1999 & Rules-2000) ಕರ್ನಾಟಕ ಆರ್ಥಿಕ ಸಂಹಿತೆ (KFC) ಹಾಗೂ ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗಸೂಚಿಗಳನ್ನು ಕಟ್ಟುನಿಟ್ಟಾಗಿ ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು/ಪಾಲಿಸುವುದು.
- ಇ) ಪ್ರತಿ 3 ತಿಂಗಳಿಗೊಮ್ಮೆ ಕಡ್ಡಾಯವಾಗಿ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಸೂಕ್ತ ದಾಖಲೆಗಳೊಂದಿಗೆ ವಿತಂದಾಸಕ್ಕೆ ಸಲ್ಲಿಸುವುದು.
- ಈ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗುವ ಅನುದಾನದಿಂದ ಅನುಮೋದಿತ ಪಾರ್ಟ್-ಎ (Part-A) ನಲ್ಲಿ ನಮೂದಿತವಾಗಿರುವ ಉಪಕರಣಗಳು ಮಾತ್ರ ಖರೀದಿಸುವುದು ಇದರಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- ಉ) 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.
- ಊ) ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಬಿಡುಗಡೆ ಮಾಡುವ ಅನುದಾನಕ್ಕೆ ಬ್ಯಾಂಕಿನಿಂದ ಬರುವ ಕ್ರೋಡೀಕೃತ (Accrued) ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತಾ ಪ್ರಮಾಣಪತ್ರದಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ನಮೂದಿಸುವುದು ಮತ್ತು ಸದರಿ ಬಡ್ಡಿಯ ಮೊತ್ತದ ದೃಢೀಕರಣಕ್ಕೆ ಬ್ಯಾಂಕ್ ಪಾಸ್ ಪುಸ್ತಕದ ನೋಂದಣಿಯ ಪ್ರತಿಯನ್ನು (Latest up-to-date bank passbook copy) ಅಥವಾ ಬ್ಯಾಂಕಿನಿಂದ ಪಡೆದ ದೃಢೀಕೃತ ಪತ್ರವನ್ನು ಕಡ್ಡಾಯವಾಗಿ ನೀಡುವುದು.
- ಋ) ಸದರಿ ಅನುದಾನದ ಬಿಡುಗಡೆಯ ದಿನದಿಂದಲೇ ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮವನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಕ್ರಮ ಕೈಗೊಂಡು ಒಂದು ವರ್ಷದ ಕಾಲಮಿತಿಯೊಳಗೆ ಸದರಿ ಅನುದಾನವನ್ನು ಕಡ್ಡಾಯವಾಗಿ ನಿಯಮಾನುಸಾರ ಬಳಸಿಕೊಂಡು ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮದ ಧೈಯೋದ್ದೇಶಗಳನ್ವಯ ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.
- ಎ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ಕ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ಅನುಷ್ಠಾನಗೊಳಿಸಿ ನೋಂದಾಯಿತ ಲೆಕ್ಕಪರಿಶೋಧಕರಿಂದ ಆಡಿಟ್ ಮಾಡಿಸಿ ವಿತಂದಾಸದ/ಕೆಸ್ಸೆಪ್ಸ್ ಒದಗಿಸಿರುವ ನಮೂನೆಯ ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರವನ್ನು GRF-19A ನಲ್ಲಿ (ದ್ವಿಪ್ರತಿಯಲ್ಲಿ) ಮತ್ತು ಕಾರ್ಯಕ್ರಮದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಕಾಲಮಿತಿ ಮುಕ್ತಾಯಗೊಂಡ ಒಂದು ತಿಂಗಳ ಅವಧಿಯೊಳಗೆ ಕೆಸ್ಸೆಪ್ಸ್ ಸಂಸ್ಥೆಯ ವಿತಂದಾಸ ಕಛೇರಿಗೆ ನೀಡುವುದು.

- ಖ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಡುಗಡೆಯಾಗುವ ಅನುದಾನಕ್ಕೆ ಬ್ಯಾಂಕಿನಿಂದ ಕ್ರೋಡೀಕೃತವಾಗುವ (Accrued) ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರದೊಂದಿಗೆ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಸೆಪ್ಸ್ ಇವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ಡಿ.ಡಿ. ಮೂಲಕ ವಾಪಸ್ ನೀಡುವುದು.
- ಬಿ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರತ್ಯೇಕವಾದ ದಾಖಲೆ ಪುಸ್ತಕವನ್ನು ನಿರ್ವಹಿಸುವುದು ಹಾಗೂ ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರು ಮತ್ತು ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕರು ಯೋಜನೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕಪತ್ರಗಳನ್ನು ಹಾಗೂ ಸಂಬಂಧಪಟ್ಟ ದಾಖಲೆಗಳನ್ನು ಸಂರಕ್ಷಿಸಿಡುವುದು. ಅಲ್ಲದೆ, ಸರ್ಕಾರದ ಮಹಾಲೇಖಪಾಲಕರು ಅಥವಾ ಕೆಸ್ಸೆಪ್ಸ್ ಸಂಸ್ಥೆಯ ತಪಾಸಣೆ ಹಾಗೂ ಮೌಲ್ಯಮಾಪನಕ್ಕಾಗಿ ಕೋರಿದಾಗ ಸದರಿ ದಾಖಲೆಗಳನ್ನು ಒದಗಿಸುವುದು.
- ಒ) ಕೆಸ್ಸೆಪ್ಸ್/ ವಿತಂದಾಸದ ಅಧಿಕಾರಿಗಳು ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನ ಮತ್ತು ಪ್ರಗತಿಯ ಬಗ್ಗೆ ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಭೇಟಿ ನೀಡಿದಾಗ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ಮತ್ತು ಭೌತಿಕ ಪ್ರಗತಿಯ ವಿವರಗಳನ್ನು ಒದಗಿಸುವುದು.

ಶುಭಾಶಯಗಳೊಂದಿಗೆ,

ತಮ್ಮ ಖಿಶ್ವಾಸಿ.


ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು
16/4
ಇ

ಇವರಿಗೆ,

The Principal

R. V. College of Engineering

R.V. Vidyaniketan Post, Mysore Road

Bengaluru-560 059

ಪ್ರತಿಗಳು:

1. Dr. Sowmyarani C N, R.V. College of Engineering, R.V. Vidyaniketan Post, Mysore Road, Bengaluru-560 059
2. ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ವಿಭಾಗ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 01, ಇವರ ಅವಗಾಹನೆಗೆ ಮತ್ತು ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ

110

09 Sep 2021

21-22-①

To,
The Principal,
RV College of Engineering,
8th Mile, Mysore Road, RV Vidyaniketan Post,
Bangalore-560059

PDC Extension, Cost enhancement, Reappropriation and Release of second year grant of Project titled "Experimental investigation of damage monitoring in Sandwich Structures using vibration data for Aircraft Applications"

Further to the sanction letter No. ARDB/01/1051937/M/I dated 25 Oct 2019 under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D(R&D) dated 12th Feb 1971, and in exercise of power delegated vide DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18th Dec 2019 as amended from time to time, I am directed to convey sanction of DG(TM) for cost enhancement to purchase additional equipment, re-appropriation of funds, PDC Extension till 31.07.2022 and second year release of the subject project during FY 2021-2022.

2. Following amendments is accorded in Para 2 of 1st year grant sanctioned vide ARDB letter No ARDB/01/1051937/M/I dated 25th Oct 2019.

For: Total sanction for the project is Rs. 8.441 lakhs.

<u>HEAD</u>	<u>Ist Year (in lakhs)</u>	<u>IInd Year (In lakhs)</u>
Staff Salary	0.000	0.000
Equipment (Annex-1)	5.400	0.000
Consumable	1.431	0.450
Contingency	0.230	0.020
Travel	0.250	0.250
Overhead	0.380	0.030
<u>Total</u>	7.691	0.750
Grand Total: Rs 8.441 lakhs only		

Read: Total sanction for the project is Rs. 12.191 lakhs

<u>HEAD</u>	<u>Ist Year (in lakhs)</u>	<u>IInd Year (in lakhs)</u> ✓
Staff Salary	0.000	0.000
Equipment (Annex-1)	5.400	4.450
Consumable	1.431	0.000
Contingency	0.230	0.020
Travel	0.250	0.000
Overhead	0.380	0.030
<u>Total</u>	7.691	4.500 ✓
Grand Total: Rs 12.191 lakhs only		

3. Unspent balance of 2020-21 may be utilized till 31.07.2022.
4. Others contents of ARDB letter no. ARDB/01/1051937/M/I dated 25th Oct 2019 remains unchanged.

W. P. S.

- ARDB/01/1051937/M/I
5. Fresh release of Rs. 2.83062 lakhs for second year of the project is accorded to RV College of Engineering.
 6. RV College of Engineering to maintain a saving bank account and refund the accrued interest to PCDA. In case of common account held by institute, the institute can reflect the interest accrued separately and refund the accrued interest.
 7. So far (till date) a total sum of Rs 7.691 lakhs has been released to RV College of Engineering for the subject project.
 8. The expenditure will be debited to Major Head 2080 - Defence Services, R & D, Minor Head 004- Research / Research & Development and Code Head 852/02 (AR&DB Grant-in-aid) of Defence Services Estimates.
 9. PCDA (R&D), West Block V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned.
 10. Contingent bill (in triplicate) duly completed (signature of PI & HOD also required) and stamped, along with ECS mandate certificate may please be forwarded to this office for counter signature and onward transmission to PCDA (R&D), West Block V, RK Puram, New Delhi-110066.
 11. This is issued with the concurrence of the IFA(R&D), New Delhi vide their U.O. No. IFA/R&D/0031/ARDB/2021/0483 dated 31.08.2021.
 12. Sanction Code is DGTM/ARDB/GIA/21-22/0124 dated 03.09.2021.

UR
(Rekha Upadhyay)
Secretary, AR&DB

Copy to:

1. Principal CDA(R&D), West Block V, RK Puram, New Delhi-110066
2. IFA (R&D), DRDO Bhawan
3. Dy. Director of Audit, Defence Services, Southern Command, Pune - 411 001
4. Principal Director of Audit, Air Force & Navy, 'M' Block, N. Delhi-110 001
5. Dr. Amol A Gokhale (Chairman, Steering Committee), Professor, Mechanical Engineering Department, IIT Bombay, Powai, Mumbai-400076
6. Dr. Makarand Joshi Sc 'G', Chairman Structures Panel, Research & Development Establishment (Engrs.) Alandi Road, Dighi, Pune-411015
7. The Director ADE, Bangalore-560075
8. Dr PR Venkatesh (PI), Associate Prof., Dept of Mechanical Engineering, RV College of Engineering, 8th Mile, Mysore Road, RV Vidyaniketan Post, Bangalore-560059
9. Dr Ramesh S Sharma (Co-PI), Associate Prof., Dept of Mechanical Engineering, RV College of Engineering, 8th Mile, Mysore Road, RV Vidyaniketan Post, Bangalore-560059
10. Shri Ravishankar BN, Sc-E, ADE, Bangalore-580075

Control No. 66 (2021-22)



Project Sanction

3 messages

Mon, Feb 21, 2022 at 2:56 PM

BHUJANGA RAO VEPAKOMMA <vepcrew1@gmail.com>

To: Principal RVCE <principal@rvce.edu.in>, "Srivani S.G." <srivanisg@rvce.edu.in>, subramanyakn@rvce.edu.in

Cc: Prakash Paneerselvam <prakash.p@nias.res.in>, Director-NIAS <director@nias.res.in>, Srinivasa Aithal P <admin@nias.res.in>, INAE <inaehq@inae.in>

Dear Dr SG Srivani,

Sanction of Grass Root Innovation Project

Ref: Your Project Proposal entitled "Design and Implementation of Air Cooler cum mosquito trap"

We are pleased to inform you that your college project proposal referred above, has been approved by the National Institute of Advanced Studies (NIAS) with a fund allocation of a sum of Rs **Two Lakh and Nineteen Thousand (Rs. 219,000 + GST)**, for upgrading grassroots projects as part of Frugal Innovation Nurturing Program (FINP) of Indian National Academy of Engineering (INAE).

The following guidelines are applicable.

1. Fund will be transferred to the College Principal official account by NEFT based on the details provided by the college/institution.
2. TA to meet the innovator will be reimbursed as per govt norms as and when required.
3. If two units are required for the purpose of field trials, funds for the second unit will be paid after the 1st unit is tested and proved.
4. GST paid will be reimbursed on submission of bills.
5. No overhead charges will be supported.
6. Audit report submission compulsory for settlement of bills duly signed by the Principal of the college.
7. There will be a review meeting after every two months as required.
8. The project shall be implemented as per the proposal sent by you.
9. The sponsored project evaluation / progress review will be held from time to time by NIAS and the progress updates have to be submitted.
10. The duration of the project is 6 months.

The project should be completed in all respects and softcopy of the full detailed report in a CD (single file .pdf format only) and the duly signed hardcopy (4 copies) should be submitted to NIAS.

with regards

Dr V Bhujanga Rao

Chairman, FINP, INAE

SGS > RV 21/2/22

HOD EE >

KV
21/2.

Srivani S.G. <srivanisg@rvce.edu.in>
To: rudranna <hod.ee@rvce.edu.in>, "Adinatha Mr." <adinatha@rvce.edu.in>, Principal RVCE <principal@rvce.edu.in>, Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>

Mon, Feb 21, 2022 at 3:03 PM

Respected sirmadam

Happy to share the sanction of another project "Design and Implementation of Air Cooler cum mosquito trap", Two Lakh and Nineteen Thousand (Rs. 219,000 + GST), by NIAS funded by FINP- Indian National Academy of Engineering (INAE).

Thanks for the support and encouragement

Regards

21/02/2022, 15:55

RV College of Engineering, Bangalore, India. Mail - Project Sanction

Dr. S G Srivani (NITK), FIE, Senior Member IEEE, MISTE
Professor and Associate Dean
Electrical and Electronics Department
RVCE, Bangalore 560059, 080-68188394
mob 9844327829
Phone -68188394, 8193
[Quoted text hidden]

Vice Principal RV College of Engineering <viceprincipal@rvce.edu.in>

To: "Srivani S.G." <srivanisg@rvce.edu.in>

Cc: rudrana <hod.ee@rvce.edu.in>, "Adinaltha Mr." <adinaltha@rvce.edu.in>, Principal RVCE <principal@rvce.edu.in>

Mon, Feb 21, 2022 at 11:28 PM

Hearty congratulations madam.

[Quoted text hidden]

Dr. Geetha.K.S
Vice Principal, RVCE,
Prof & Head,
Department of Electronics & Communication Engineering,
RV College of Engineering, Bengaluru-560059
Ph.No: 080-68188178(O), 9900700990(M)



icmr

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

डी. रामलिंगस्वामी भवन, अन्सारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BHAVAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110029

No. 2020-4448/CMB-BMS
To.

Date: 7/10/2021

Dr Raju H
Assistant Professor,
R V Engineering College
RVCE Campus, Mysore Road
Bengaluru-560059

21-22 (a) - (1)

Sub - Award of Senior Research Fellowship to Ms. Bhavana V, SRF on the research project entitled "Evaluation of cytotoxic properties of translation inhibitors to target cells with defective tRNA modifications and investigation of possible molecular mechanisms".

Sir/Madam,

The Director General, ICMR sanctions Senior Research Fellowship to Ms. Bhavana V on a stipend of Rs 35,000/- p.m. to carry out research on the project mentioned above, under your guidance. H.R.A. and Medical reimbursement will be paid as per rules of your University/Centre.

The award of SRF will be subject to the following terms and condition

TENURE It will be tenable for one year only from the date of joining duty and will be on yearly basis subject to maximum of three years.

Its continuance will, however, depend on the satisfactory progress of work and can be terminated at any time on a one month's notice, if the progress is not satisfactory, or on receiving adverse report from the Guide. The Fellow will be required to work on the project for a period at least one year.

The event of his/her leaving before completing one year on the Fellowship, he/she may be required to refund the stipend drawn by him/her from the date of joining to the date of leaving the fellowship.

PRIVATE PRACTICE Private practice of any kind, or taking up any appointment even in an honorary capacity during the fellowship is not permitted.

ADMINISTRATIVE CONTROL The candidate will be under the administrative control of the Institution where he/she works, and will also be subject to the rules and regulations of the Institute.

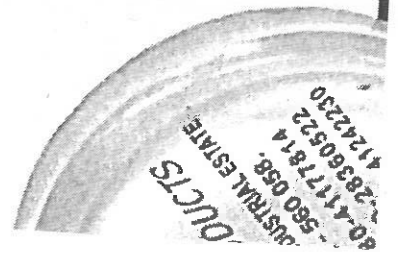
LEAVE Leave will be admissible according to the rules of the Institution, however in the case of female research fellow leave with stipend upto 6 months (in lieu of maternity leave) may be granted. No other kind of leave (such as sick leave) etc. will be admissible. Awardees are not entitled to vacation normally admissible to the staff of an Institution.

HRA HRA will only be paid, if the Fellow is not availing any hostel facility. A certificate to this effect should be sent along with joining report for payment of HRA.

REPORTS The awardee shall submit 1st annual reports for the first 10 months on the prescribed standard proforma.

The first annual report should be submitted after 10 months from the date of commencement of the fellowship giving complete factual details of the research work done through the Guide alongwith his/her appraisal. Subsequent annual report should be submitted through the Guide two months before the completion of tenure. Failure to submit reports in time may lead to termination of the award. Six copies of the final report in the prescribed form clearly shall be submitted one month before the date of termination of the award.

2/22/19-



A list of the papers published or presented at Scientific Conferences during the tenure of the fellowship should also be furnished with the annual and final reports

PUBLICATION OF PAPERS Prior permission for publication of papers based on the research work done during the tenure of the award should be obtained from the Council. The paper should be sent to the Council through the Guide with his/her recommendations. Due acknowledgement to the Council should be made in these papers.

PAYMENT OF FUNDS The stipend and the funds for contingencies shall be paid as per procedure laid down in the enclosed an annexure.

CONTINGENT EXPENDITURE An annual contingent grant of Rs. 20000/- p a will be admissible. The contingent grant is given to meet petty expenditure for purchase of chemicals, reagents etc. No non-expenditure article or equipment can be purchased out of the grant.

TRAVEL:- Traveling allowance will not be admissible for joining duty or on termination of the award.

The Council may approve tours of research fellows/associate for:-

1. Attending symposium/seminar/conference provided the fellow/associate is presenting a paper which has been accepted by the organizers of the symposium/seminar/conference.
2. Field work connected with research
3. TA/DA would be admissible as per the rules applicable to Central Government Officers with basic pay equivalent to the amount of the RA-ship stipend.

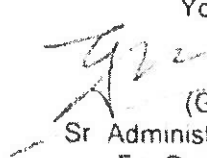
NOTE:- The expenditure on this account will be met

POST FELLOWSHIP CARRIER:-

1. The Research Fellow can register himself/herself for postgraduate qualification and to utilize in his/her the work done by him/her during his/her fellowship tenure. A copy of these submitted for postgraduate degree will have to be sent to the Council for information and record from the contingent grant sanctioned to the fellow. Due acknowledgement to the ICMR should be made in the thesis by the research Associate.
2. The Research Associate should also send to the Council for information a brief report on the post/job taken by him/her after the expiry of the fellowship.

The date indication forenoon/afternoon on which he/she the fellowship may please be intimate to this office. He/she may be asked to report for duty within a month from the date of issue of this letter failing which the award will be treated as cancelled.

Yours faithfully


(G S Sandhu)
Sr. Administrative Officer
For Director-General

Copy to -

1. (Head of the Institution) The Principal, R V Engineering College, RVCE Campus, Mysore Road, Bengaluru-560059
2. Research Fellow. Ms. Bhavana V, SRF, Department of Biotechnology, R V Engineering College RVCE Campus, Mysore Road, Bengaluru-560059
3. Accounts Section - V, ICMR
4. IRIS Cell No 2020-4448


Sr. Administrative Officer
For Director-General



icmr
INDIAN COUNCIL OF
MEDICAL RESEARCH

भारतीय आयुर्विज्ञान अनुसंधान परिषद
INDIAN COUNCIL OF MEDICAL RESEARCH

वी. रामलिंगस्वामी भवन, अन्वारी नगर, पोस्ट बॉक्स 4911, नई दिल्ली - 110 029
V. RAMALINGASWAMI BILAWAN, ANSARI NAGAR, POST BOX 4911, NEW DELHI - 110 029

No. 2020-4448/CMB-BMS

Date:- 11.11.2021

To,

The Principal,
R V Engineering College,
RVCE Campus, Mysore Road,
Bengaluru-560059.

2021-22 (9)-2

Sub:- Payment of fellowship in respect of Ms. Bhavana V, SRF of the ICMR.

Dear Sir/Madam,

The Director-General, of the ICMR sanctioned payment of Rs.5,40,800/- (Rupees Five Lakhs forty thousand eight hundred only) on account of contingent expenditure + HRA to the SRF mentioned above for 1st & 2nd instalment of the 1st year fellowship grant for the period from 30.10.2021 to 29.10.2022.

It is requested that Statement of Accounts and Utilization certificate for the last year grant may be sent to this office.

Stipend of SRF @ Rs. 35,000 p.m. = Rs. 4,20,000 + HRA 24% Rs. 8,400 p.m. = Rs. 1,00,800
+ Contingency Rs. 20,000 P.A. Total Rs. 5,40,800/-

Yours faithfully

(G.S.Sandhu)

Sr. Administrative Officer
for Director-General

Copy to:-

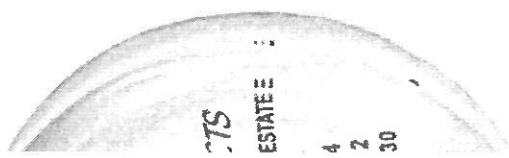
1. Accounts Section -V, ICMR together with a formal bill for Rs.5,40,800/- for payment at an early date. She has joined her fellowship on 30.10.2021(FN).
2. Guide of the fellow: Dr. Raju H. , Assistant Professor, R V Engineering College, RVCE Campus, Mysore Road, Bengaluru-560059
3. Research Fellow:- Ms. Bhavana V, SRF, Department of Biotechnology, R V Engineering College RVCE Campus, Mysore Road, Bengaluru-560059
4. IRIS Cell No. 2020-4448

Sr. Administrative Officer
for Director-General

21-22/19

steno/A/c7

Rs
24/11



2021-22 (10)

SR/NM/NT-1025/2017-3G
Government of India
Ministry of Science & Technology
Department of Science & Technology
(Nano Mission)

Technology Bhavan
New Mehrauli Road
New Delhi -110016
Dated: 17th November, 2021

ORDER

Subject:	Financial assistance for the technology project entitled "Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity" by Dr. Radhakrishna, Associate Professor, D/o Civil Engineering, R.V.College of Engineering, Bengaluru, Karnataka - regarding release of 3 rd installment of the grant.
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In continuation of this Department's sanction order of even number dated 21.12.2018, sanction of the President is hereby accorded for release of **Rs 10,00,000/- (Rupees Ten Lakh only)** as 3rd installment of grant for "General" expenditure for implementation of the project.

2. Approval of the president is also accorded to carry forward the unspent grant of Rs. 3,830/- under General head from F.Y. 2020-21 to F.Y. 2021-22 for implementation of the project.
3. It is also certified that the interest of Rs. 40,019 from General grant for the F.Y. 2020-21 has already been deposited in Consolidated Fund of India along with unspent balance of Rs 71,688/- from the Capital Expenditure release and hence no UC for Capital is required.
4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released capital head grants.
7. The grant-in-aid being released is subject to the condition that:
 - a. A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization on receipt of the grant;
 - b. While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
8. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.Bharatkosh.gov.in), immediately after finalization to accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with statement of expenditure / utilization certificate for considering subsequent release of grant/ closure of project accounts.
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. **If the goods (consumables/equipment) needed for the project is available in GeM portal, then it must be procured mandatorily via online GeM portal only. PI also instructed to follow DoE's guidelines for incurring expenditure under the different sub-head.**
11. This project does not provide any payment as honorarium/remuneration/fellowship/scholarship to the PI, also the Project Staff supported from this project should not draw emoluments/salary/fellowship from other project/s either supported by DST or by any other funding agency at a time.
12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

-2-

13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
14. Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
15. The Institute is registered with NGO DARPAN Portal bearing No KA/2017/0115493
16. The expenditure involved is debitable to: Demand No.88, Department of Science & Technology for the year 2021-22:

3425	Other Scientific Research (Major Head)
60	Others
200	Assistance to Other Scientific Bodies (Minor Head)
71	Research and Development
03	Other Programmes
71.03.31	Grants-in-aid General for the year 2021-22
Previously (Nano Mission 3425.60.200.36.00.31)	

17. The amount of Rs. 10,00,000/- (Rupees Ten Lakh only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the "Principal, RV College of Engineering, Bengaluru, Karnataka 560059". The bank details for electronic transfer of funds through RTGS are given below:

Name of the Account Holder	Principal, RVCE, Bangalore
Savings Bank Account Number	136010112055
Name of the bank and branch	Kotak Mahindra Bank Ltd, RVCE Branch, RVCE Campus, Mysore Road, Bangalore - 560 059
RTGS/IFS Code	KKBK0008053
MICR Code	56048068

18. GI is directed to start using EAT module and next release will be made only after mapping and following EAT modules by the Grantee organization.
19. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 81-NMD in the register of grants maintained in the Division for the scheme Research and Development (National Mission on Nano Science & Nano Technology).
20. This issues with the concurrence of IFD Vid : their Concurrence Dy. No. C/3172/IFD 2021-22 dated: 17.11.2021.

(Milind R Kulkarni)
Scientist-G

To,
The Pay & Accounts Officer, DST, New Delhi

Copy forwarded for information and necessary action to:

1. Drawing and Disbursing Officer, DST, Cash Section. (Copy with two spare copies)
2. Integrated Finance Division, DST

3. Dr. Radhakrishna Associate Professor, D/o Civil Engineering RV College of Engineering, Bangalore - 560059	4. Principal, RV College of Engineering RV Vidyaniketan PO, Bangalore 560059
--	--

7. The Principal Director of Audit, Environment and Scientific Departments,
IIIrd floor, AGCR Building, I.P. Estate, New Delhi- 110 002
8. Sanction folder & file copy (Nano Mission)

(Milind R Kulkarni)
Scientist-G

SR/NM/NT-1025/2017(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi -110 016
Dated: 05.11.2020

ORDER

Subject:	Financial assistance for the technology project entitled "Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity" by Dr. Radhakrishna, Associate Professor, D/o Civil Engineering, R.V. College of Engineering, Bengaluru, Karnataka - regarding release of 2 nd installment of the grant.
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- In continuation of this Department's sanction order of even number dated 21.12.2018, sanction of the President is hereby accorded for release of Rs 5,97,900/- (Rupees Five Lakh Ninety-Seven Thousand Nine Hundred only) as 2nd installment of grant for "General" manpower expenditure for implementation of the project.
2. Approval of the president is also accorded for the following:
 - i. Revising the total cost of the project from Rs 67,26,800/- to Rs 70,04,306/- to meet the revised emoluments of Research personnel;
 - ii. Carry forward the unspent grant of Rs. 9,38,472/- under General head from F.Y. 2019-20 to F.Y. 2020-21 for the purpose of implementation of the project.
 - iii. The Institute is directed to refund the unspent capital grant of Rs. 76,688/- in the BharatKosh portal within 15 days of receipt of this grant.
 3. It is also certified that the interest of Rs. 86,826.5 from General grant and Rs. 86,826.5 from capital grant for the F.Y. 2019-20 has already been deposited in Consolidated Fund of India.
 4. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
 5. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
 6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released capital head grants.
 7. The grant-in-aid being released is subject to the condition that:
 - a. A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization on receipt of the grant;
 - b. While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
 8. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.Bharatkosh.gov.in), immediately after finalization to accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with statement of expenditure / utilization certificate for considering subsequent release of grant/ closure of project accounts.
 9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants; (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
 10. If the goods (consumables/equipment) needed for the project is available in GeM portal, then it must be procured mandatorily via online GeM portal only. PI also instructed to follow DoE's guidelines for incurring expenditure under the different sub-head.

...contd 2/-

11. This project does not provide any payment as honorarium/remuneration/fellowship/scholarship to the PI, also the Project Staff supported from this project should not draw emoluments/salary/fellowship from other project/s either supported by DST or by any other funding agency at a particular time.
12. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
14. Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
15. The Institute is registered with NGO DARPAN Portal bearing No KA/2017/0115493
16. The expenditure involved is debitable to:


Demand No.87, Department of Science & Technology for the year 2020-21:

3425	Other Scientific Research (Major Head)
60	Other
60.200	Assistance to Other Scientific Bodies (Minor Head)
71	Research and Development
03	Other Programmes
71.03.31	Grants-in-aid General for the year 2020-21
Previously (Nano Mission 3425.60.200.36.00.31)	

17. The amount of Rs. 5,97,900/- (Rupees Five Lakh Ninety-Seven Thousand Nine Hundred only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the "Principal, RV College of Engineering, Bengaluru, Karnataka 560059". The bank details for electronic transfer of funds through RTGS are given below:

Name of the Account Holder	Principal, RVCE, Bangalore
Savings Bank Account Number	136010112055
Name of the bank and branch	Kotak Mahindra Bank Ltd, RVCE Campus Branch, Mysore Road, Bengaluru - 560 059
RTGS/IFSC Code	KKBK0008053
MICR Code	560485068

18. The aforesaid concurrence is subject to the stipulation that continuation beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the Schemes under which these project is funded as approved by DoE's vide their OM No.42(02)/PF-II/2014 dated 06.08.2020.
19. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 96-NMD in the register of grants maintained in the Division for the scheme National Mission on Nano Science & Nano Technology.
20. This issues with the concurrence of IFD Vide their Dy. No. C/2749/IFD 2020-21 dated: 05.11.2020.


(Milind R Kulkarni)
Scientist-G


To,
The Pay & Accounts Officer, DST, New Delhi.

Copy forwarded for information and necessary action to:

1. Drawing and Disbursing Officer, DST, Cash Section. (Copy with two spare copies)
2. Integrated Finance Division, DST

3. Dr. Radhakrishna Associate Professor, D/o Civil Engineering RV College of Engineering, Bengaluru - 560 059	4. Principal, RV College of Engineering RV Vidyaniketan PO, Bengaluru - 560 059
---	---

5. The Principal Director of Audit, Environment and Scientific Departments, IIIrd floor, AGCR Building, I.P. Estate, New Delhi- 110 002
6. Sanction folder & file copy (Nano Mission)


(Milind R Kulkarni)
Scientist-G
boopathy.m@gov.in

SR/NMNT-1025/2017 (C)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhavan
New Mehrauli Road
New Delhi - 110 016
Dated 21st December, 2018

ORDER

Subject	Financial approval of the technology project entitled "Development of geopolymers composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity" by Dr. Radhakrishna, Associate Professor, D/o Civil Engineering, RV College of Engineering, Bengaluru - Release of first instalment of the "Capital" grant.
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In continuation to the sanction order no. **DST/NMNT-1025/2017 (G)** dated 21.12.2018, sanction of the President is hereby accorded for payment of a sum of **Rs.22,50,000/- (Rupees twenty two lakh fifty thousand only)** to the **Principal, R V College of Engineering Bengaluru, Karnataka- 560 059** as first instalment of the "Capital" grant for procurement of equipment for implementation of the above said project

2 This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project

3 The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

4 If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s) separate SE/UC has to be furnished for the released Capital head grant.

5 The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.BharatKosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of grant/ closure of project accounts

6 The institute is already registered with NGO DARPAN Portal bearing No **KA/2017/0115493**

7 The grant-in-aid being released is subject to the condition that

- a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
- b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents

8 DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST

9 This project does not provide for any payment of honorarium/ remuneration/ fellowship/ scholarship to the PI

10 The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit or the Principal Accounts Office of the DST), whenever the organization is called upon to do so as laid down under Rule 236(1) of General Financial Rules 2017

11 Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project



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12 Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017

13 The expenditure involved is debit able to
Demand No.84: Department of Science & Technology for the year 2018-19:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodies (Minor Head)
69	Research and Development
69.00.35	Grants-in-aid Capital for the year 2018-19 (Nano Mission 3425.60.200.36.00.35)

14 The amount Rs.22,50,000/- (Rupees twenty two lakh fifty thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Principal, RV College of Engineering, Bengaluru - 560059. The bank details for electronic transfer of funds through RTGS are given below

1.	Name of the Account Holder	Principal, RVCE, Bangalore
2.	Name of the Bank	Kotak Mahindra Bank Ltd, RVCE Branch, RVCE Campus, Mysore Road, Bangalore-560059.
3.	Bank Account Number	138010112055
4.	IFSC Code	KKBM0008053
5.	MICR Code	560485058

15 As per Rule 234 of GFR 2017, this sanction has been entered at S No.84 NMD in the register of grants maintained in the Division for the scheme Nano Mission

16 This issues with the concurrence of IFD Vide their Dy No CJ4289/IFD 2018-19 dated 21 12 2018

(Milind R Kulkarni)
Scientist-G

To,
The Pay & Accounts Officer, DST

Copy forwarded for information and necessary action to

- 1 Drawing and Disbursing Officer, DST Cash Section (Copy with two spare copies)
- 2 Integrated Finance Division, DST

3. **Dr. Radhakrishna**
Associate Professor, D/o Civil Engineering
RV College of Engineering, RV Vidyanketan PO
Bangalore - 560059.

4. **Principal**
Associate Professor, D/o Civil Engineering
RV College of Engineering, RV Vidyanketan PO
Bangalore - 560059.

- 5 The Principal Director of Audit, Scientific Departments, 11/rd floor, AGCR Building, I.P. Estate, New Delhi- 110 002.
- 6 Sanction follow (Nano Mission)
- 7 File copy

(Milind R Kulkarni)
Scientist-G

S/R/NM/NT-1025/2017 (G)
 Government of India
 Ministry of Science & Technology
 Department of Science & Technology

Technology Bhavan
 New Mehrauli Road
 New Delhi -110 016
 Dated 21st December, 2018

ORDER

Subject	Financial approval of the technology project entitled "Development of geopolymers composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity" by Dr. Radhakrishna, Associate Professor, D/o Civil Engineering, RV College of Engineering, Bengaluru - Approval of the project and release of first installment of the "General" grant.
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Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 67,26,800/- (Rupees sixty seven lakh twenty six thousand eight hundred only) with General Component of Rs. 44,76,800/- (Rupees forty four lakh seventy six thousand eight hundred only) and Capital Component of Rs. 22,50,000/- (Rupees twenty two lakh fifty thousand only). The detailed breakup of the grant for General as well as Capital Components are given below

Budget Head	(Amount in Rupees)			
	1 st year	2 nd year	3 rd year	Total
Recurring A				
Equipment				
Mixer and Concrete permeability meter	22,50,000	0	0	22,50,000
Sub Total A	22,50,000	0	0	22,50,000
Non- Recurring B				
Mangpower - 2 JRFs (1 for 3 years & 1 for 12 month) 25000-25000-28000 + 30% HRA	7,80,000	3,90,000	4,36,800	16,06,800
Consumables	9,88,000	3,82,000	96,000	14,66,000
National Travel	30,000	75,000	45,000	1,50,000
Contingencies	1,00,000	70,000	50,000	2,20,000
Work to be outsourced	2,50,000	2,00,000	1,34,000	5,84,000
Overhead Charges	1,50,000	1,50,000	1,50,000	4,50,000
Sub Total B	23,18,000	12,42,000	9,16,800	44,76,800
Total (A+B)	45,68,000	12,42,000	9,16,800	67,26,800

2. Sanction of the President is also accorded for payment of Rs.23,18,000/- (Rupees twenty three lakh eighteen thousand only) under 'General' expenditure to the Principal, RVCE, Bangalore as first installment of the grant for implementation of the above project

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology financial year wise Utilization Certificate (UC) in the Performa prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F Y 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.Bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of grant/ closure of project accounts

7. The institute is already registered with NGO DARPAN Portal bearing No KA/2017/0115493

contd 2/-

- 8 The grant-in-aid being released is subject to the condition that
- A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant
 - While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the hard documents
- 9 DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST
- 10 This project does not provide for any payment of honorarium/ remuneration/ fellowship/ scholarship to the PI
- 11 The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so as laid down under Rule 1136(1) of General Financial Rules 2017.
- 12 Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project
- 13 Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017

14 The expenditure involved is debit able to:

Demand No 84: Department of Science & Technology for the year 2018-19:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodies (Minor Head)
69	Research and Development
69.00.31	Grants-in-aid General for the year 2018-19 (Nano Mission 3425.60.200.36.00.31)

15 The amount Rs.23,18,000/- (Rupees twenty three lakh eighteen thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Principal, RVCE, Bangalore. The bank details for electronic transfer of funds through RTGS are given below

1.	Name of the Account Holder	Principal, RVCE, Bangalore
2.	Name of the Bank	Kotak Mahindra Bank Ltd, RVCE Branch, RVCE Campus, Mysore Road, Bangalore-560059.
3.	Bank Account Number	136010112255
4.	IFSC Code	KKBK0008053
5.	MICR Code	580485068

16 As per Rule 234 of GFR 2017, this sanction has been entered at S. No 83 NMD in the register of grants maintained in the Division for the scheme Nano Mission

17 This issues with the concurrence of IFD Vide their Dy No C/4288/IFD 2018-19 dated 21.12.2018.

(Milind R Kulkarni)
Scientist-G

To,
The Pay & Accounts Officer, DST

Copy forwarded for information and necessary action to:

- Drawing and Disbursing Officer, DST, Cash Section (Copy with two spare copies)
- Integrated Finance Division, DST

3.	Dr. Radhakrishna Associate Professor, D/o Civil Engineering RV College of Engineering, RV Vidyaniketan PO Bangalore - 560059.	4. Principal Associate Professor, D/o Civil Engineering RV College of Engineering, RV Vidyaniketan PO Bangalore - 560059.
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- The Principal Director of Audit, Scientific Departments, 11rd floor, AGCR Building, I.P. Estate, New Delhi- 110 002.
- Sanction folder (Nano Mission)
- File copy

(Milind R Kulkarni)
Scientist-G

concerned officer

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	The Registrar, IISc
Account Number	31728098170
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, IISc Branch, IISc, Bengaluru 560012
IFSC/RTGS Code	SBIN002215
Email address of PI	anupamavj@rvce.edu.in
Email id of A/C Holder	registrar@iisc.ac.in
Email address of concerned officer	ms_tare@serbonline.in

9. Both the institutes will furnish Utilization certificate (UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. TAR/2018/000864 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science &

2021.22 - 11
Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. T Thangaradjou)

Scientist E

ms_tare@serbonline.in

To,

Under Secretary

SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, 11/rd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	(I) Ms. Anupama Venkatesh Joshi Chemical Engineering RV College of Engineering, R v vidyanikethan post, mysore road, bangalore, Bangalore rural district, Kamataka-560059 Email: anupamavj@rvce.edu.in Mobile: 919741977588 (II) Dr. Sanjeev Kumar Gupta Indian Institute of Science Bangalore - 560012 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)
5.	(i) PRINCIPAL, RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore (ii) Director Indian Institute of Science Bangalore - 560012 (Receipt of Grant may be intimated by name to the undersigned)

(Dr. T Thangaradjou)

Scientist E

ms_tare@serbonline.in

SERB-Notification

SERB_Administrator@serbonline.in <SERB_Administrator@serbonline.in>
To: "info@serbonline.in"@imsva02.cdacnoida.in

Sat, Mar 9, 2019 at 2:52 PM



Science and Engineering Research Board
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)
Department of Science and Technology, Government of India

FILE NO. TAR/2018/000864

SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated: 27-Feb-2019

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Ms. Anupama Venkatesh Joshi, RV College Of Engineering , R V Vidyanikethan Post, Mysore Road, Bangalore, Bangalore Rural District, Karnataka-560059- under the mentorship of Dr. Sanjeev Kumar Gupta, at Indian Institute of Science Bangalore - 560012- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Eighteen Lakh Thirty Thousand Only) for a duration of 36 months.

The date of start of the project will be 26 November, 2018. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for

RV College Of Engineering , R V Vidyanikethan Post, Mysore Road, Bangalore, Bangalore Rural District, Karnataka-560059 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

Indian Institute of Science Bangalore - 560012 (Host)

Sl. No.	Budget Head	Amount
1	Fellowship	Rs. 60,000 (on completion of 90 days mandatory attendance in the host institute every

Handwritten notes:
HOD-CH / Prof Anupama Joshi
A/KS / SFC no
9/13

		(year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore . Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Indian Institute of Science Bangalore - 560012 being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under Teachers Associateship For Research Excellence (TARE). (Mechanical & Manufacturing Engineering & Robotics)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/11674/2018-2019 dated 27 February, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Principal, RVCE
Account Number	136010112055
Bank Name & Branch	KOTAK MAHINDRA BANK LTD R V COLLEGE OF ENGINEERING BRANCH R V C E CAMPUS, MYSURU ROAD, BENGALURU 560059
IFSC/RTGS Code	KKBK0008053
Email address of PI	anupamavj@rvce.edu.in
Email id of A/C Holder	principal@rvce.edu.in
Email address of	ms_tare@serbonline.in

All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, VasantKunj, New Delhi-110070 Website: www.aicte-india.org



MODROB REGULAR - Sanction Letter

F.No.9-29/IDC/MODROB- REG/Policy-1/2021-22

Date: 14.01.2022

To

The Drawing and Disbursing Officer,
All India Council for Technical
Education, Nelson Mandela Marg,
Vasant Kunj, New Delhi - 110070

Sub: Release of a sum of Rs.1278120/- (Rupees Twelve Lakhs Seventy Eight Thousand One Hundred Twenty Only) being the 1st installment Grant-in-Aid under the scheme (MODROB - REG) for the year 2021-2022 payable during the current financial year 2021-2022- reg.

Sir/ Madam,

With reference to the proposal submitted by the institute, this is to convey that the sanction of the Council for payment of Rs.1597650/- (Rupees Fifteen Lakhs Ninety Seven Thousand Six Hundred Fifty Only) as sanctioned Grant-in-Aid under the Modernization and Removal of Obsolescence - Regular (MODROB-REG) scheme, as per details given below:

1.	Name and address of the Beneficiary Institution:	Director/ Principal/ Registrar, R.V. COLLEGE OF ENGINEERING, R.V. VIDYANIKETAN POST, MYSORE ROAD,,		
2.	Title of Project:	Modernization of Wireless Communication Laboratory with full-fledged testing and Characterization of passive and active circuits for 5G and Allied technologies.		
3.	Name of Coordinator:	KORATAGERE SREELAKSHMI		
4.	Duration of the project:	2 years		
5.	Total Project Cost:	Rs.1817650/- /		
6.	Contribution from AICTE, Industry & Institute:	AICTE	Industry	Institute ✓
		Rs.1597650/-	Rs.20000/-	Rs.200000/-
7.	Total Sanctioned Grant-in-aid:	Non-Recurring(85%):	Recurring (15%):	TOTAL
		Rs.1358003/-	Rs.239647/-	Rs.1597650/-
8.	Amount to be released during the year 2021-22:	Non-Recurring (85%):	Recurring (15%):	TOTAL
		Rs.1086402/-	Rs.191718/-	Rs.1278120/- ✓
9.	Sanctioned grant-in-aid is debatable to:	Major Head 601.18(a) Gen. (Plan Head)		

The contributions from industry and institute (as mentioned in the row 6 of the Table above) must reflect in the Receipt & Expenditure Statement in respect of this project, failing which AICTE may not consider proposals under the Scheme in future.

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/ Principal/ Registrar of the Institute through RTGS/ PFMS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as

F.No.9-29/IDC/MODROB- REG/Policy-1/2021-22

already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds

- a. The Principal/ Director of the institute and the Coordinator of the project are hereby requested to verify the correctness of the undermentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATRO758A	Kotak Mahindra	R V C, 008053	Kotak Mahindra, RVCE Vdiyanikethan Post, Mysore Road, Bangalore - 560 059	Principal, RVCE	Saving Account	136010112055	KKBK0008053

In case of any omission the same should be reported to AICTE immediately.

- b. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme.
- c. 80% grant of the sanctioned amount is being released to institution as first installment followed by 20% as reimbursement after Utilization Certificate (UC) and other requisite documents as specified in terms & conditions of MODROB scheme.

II. Maintenance of accounts

- a. The institute shall strictly follow the provisions laid down in the scheme document and this sanction letter. All correspondences related to the project must contain this number along with year of sanction of the project failing which correspondence will not be entertained.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds, so as to know the amount of interest accrued on the grant from AICTE.
- c. The University/ College/ Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed).
- d. The Council or its nominee shall have the right to check/ verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.
- e. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/ Director/ Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the sanction letter will not be allowed to be adjusted in the grant and if the Institution/ University does not take the project work within one month of the receipt of the grant, the approval shall ipso fact lapse.
- f. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.

III. Refund of grant by way of a demand draft in favour of Member Secretary, AICTE, New Delhi

- a. If the college/ institute does not have the Letter of Approval (LOA) or Extension of Approval issued by AICTE for the academic year 2021-22, the fund released should be immediately refunded to AICTE with interest accrued thereon.
- b. If project is not started within six months of the issuance of this Sanction Letter, the released amount along with interest accrued thereon, has to be necessarily returned to AICTE.
- c. It may be ensured that the project is completed within the stipulated time. If the project is not completed in

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time, no further extension will be granted in any case and institute has to refund the entire amount to AICTE.

- d. As per the scheme guidelines, maximum three proposals per institute (Including sanctioned earlier but not completed) can be considered. Institute is required to ascertain this condition. In case, if institute is having more than three projects ongoing including this project, the grant is to be refunded back to AICTE immediately.
- e. As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.

IV. Submission of documents by college/institution after completion of Project/Subsequent years.

The following mandatory relevant documents are required to be submitted by the college/institution within one month of the completion of the project: -

- a. Feedback form in the prescribed proforma.
- b. The **Annual Progress Report (APR)** in the prescribed format along with the original Statement of actual Expenditure in the prescribed proforma duly signed by the Head of the institution and shall be submitted to AICTE not later than one month after completion.
- c. The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council.
- d. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC shall be as under:
 - (i) Principal/Director/Registrar of the Institution(Chairperson)
 - (ii) Two HODs and one subject expert(Members).
 - (iii) Coordinator of the project (Secretary).

The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

- f. Project completion report project indicating the activities undertaken, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- g. Attested photocopies of supporting vouchers/bills of expenditure incurred for the completion of Project.
- h. Photographs of equipment purchased.
- i. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.

V. General instructions

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its released.
- b. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the

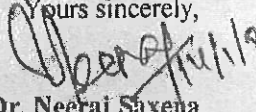
F.No.9-29/IDC/MODROB- REG/Policy-1/2021-22

MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council.

- c. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- d. The College/ Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/ Department, which has been modernized using the grant. All the equipment procured through the project should be superscribed with AICTE project file number.
- e. The assets acquired wholly or substantially out of grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the AICTE and should at any time the institution cease to function, such assets shall revert to the AICTE.
- f. When the institute ceases to function, it shall take action with respect to equipment/ items procured through AICTE grants as follows:
 - i. It shall be ensured that the project has been completed and all mandatory documents have been submitted for utilization of grant and file has been closed under which the equipment has been procured.
 - ii. The equipment/ items in unserviceable condition are to be disposed off by the institute as per the Government of India rules and the sale proceeds, if any, should be sent by Demand Draft in favor of Member Secretary, AICTE, New Delhi.
 - iii. The equipment/ items in working/ serviceable condition shall be transferred in preferential order to:
 - Institute under the same society/ trust/ management.
 - Nearby AICTE approved Government (Degree/ Diploma) institute/ College.
 - iv. The transportation charges for shifting of equipment/ items be borne by borrowing institute.
 - v. AICTE shall be intimated regarding handover/ takeover of the equipment/ items.
- g. The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules ([@https://doe.gov.in/order-circular/general-financial-rules2017](https://doe.gov.in/order-circular/general-financial-rules2017)) should be followed during utilization of grant.
- h. The department/ institute is expected to utilize these equipment/ items alongwith others in offering student internship also by registering on the AICTE Internship Portal ([@https://internship.aicte-india.org](https://internship.aicte-india.org)). The internships can be offered to students of other institutions also.
- i. As mentioned in the scheme document, the institute must register in I-STEM (Indian Science, Technology & Engineering Facilities Map) ([@https://www.istem.gov.in](https://www.istem.gov.in)).

List of Equipment/ Items approved:

Name of Equipment/Items
Spectrum analyzer
4 channel oscilloscope
Function generator

Yours sincerely,

 Dr. Neeraj Saxena
 Advisor (IDC)

32	Deepthi Shankaran		SRF	01.04.2019 to 26.08.2019	₹ 1,69,355	₹ 40,645	₹ 12,131	₹ 2,22,131		
33	Ajit Kumar Singh	Institute of Life Sciences Bhubaneswar	SRF	01.04.2019 (one day)	₹ 1,167	₹ 0	₹ 83	₹ 1,250	2,687.00	133011328248
34	Rajivgandhi S		SRF	01.04.2019 (one day)	₹ 1,167	₹ 187	₹ 83	₹ 1,437		
35	Latika	Institute of Microbial Technology Chandigarh	SRF	03.07.2019 to 31.03.2020	₹ 35,742	₹ 0	₹ 0	₹ 35,742	3,53,059.00	000108971631 UBINJ20143980528
36	Sandal D Basotra		SRF	03.07.2019 to 31.03.2020	₹ 35,742	₹ 0	₹ 0	₹ 35,742		
37	Nitish Kumar Verma		SRF	05.05.2019 to 04.08.2019	₹ 1,05,000	₹ 0	₹ 0	₹ 1,05,000		
38	Shekhar Kumar		SRF	01.04.2019 to 03.08.2019	₹ 1,43,387	₹ 22,942	₹ 10,246	₹ 1,76,575		
39	Srinivasan Ganesh Kumar	International Centre For Genetic Engineering And Biotechnology New Delhi	SRF	03.07.2019 to 31.03.2020	₹ 35,742	₹ 0	₹ 0	₹ 35,742	35,742.00	000108971700 UBINJ20143979971
40	Kudsiya Ashrafi	Jamia Hamdard, Delhi	SRF	01.04.2019 to 31.03.2020	₹ 4,20,000	₹ 1,00,800	₹ 30,000	₹ 5,50,800	5,50,800.00	000108971798 UBINJ20143980350
41	Ashwathi A M	Jawaharlal Nehru University, New Delhi	SRF	01.05.2019 to 30.07.2019	₹ 1,05,000	₹ 0	₹ 0	₹ 1,05,000	6,87,800.00	000108971801 UBINJ20143980354
42	Tasneem Fatima		SRF	01.08.2019 to 31.03.2020	₹ 32,000	₹ 0	₹ 0	₹ 32,000		
43	Devbrat Kumar		SRF	01.04.2019 to 31.03.2020	₹ 4,20,000	₹ 1,00,800	₹ 30,000	₹ 5,50,800		
44	Sujin Jeba Kumar	National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram	SRF	01.04.2019 to 31.03.2020	₹ 4,20,000	₹ 67,200	₹ 30,000	₹ 5,17,200	5,17,200.00	000108971633 UBINJ20143980529
45	Priyanka Basak	National Institute of Cholera and Enteric Diseases, Kolkata	SRF	15.02.2020 to 31.03.2020	₹ 6,069	₹ 1,457	₹ 0	₹ 7,526	7,526.00	000108971800 UBINJ20143980352
46	Vishnu Mishra	National Institute of Plant Genome Research New Delhi	SRF	01.04.2019 to 31.03.2020	₹ 4,20,000	₹ 0	₹ 30,000	₹ 4,50,000	5,58,762.00	000108971634 UBINJ20143980531
47	Niraj Kumar Vishwakarma		SRF	01.04.2019 to 21.06.2019	₹ 94,500	₹ 0	₹ 14,262	₹ 1,08,762		
48	Rudrappa Gattu	R V College of Engineering, Bangalore	JRF	01.04.2019 to 31.03.2020	₹ 3,72,000	₹ 89,280	₹ 30,000	₹ 4,91,280	4,91,280.00	000108971809 UBINJ20143980360
49	Varsha Saini	Regional Centre for Biotechnology, Faridabad	JRF	06.01.2020 to 31.03.2020	₹ 88,000	₹ 0	₹ 7,049	₹ 95,049	95,049.00	000108971525 UBINJ20143980173



13 Mar 2023

To,

Principal
RV College of Engineering,
Bangalore - 560059

2021-22 - (14)

Closure of Project No. 1910 Titled "Investigation of Tribological Performance of Laser Surface Textured Nickel Aluminium Bronze for Landing Gear Applications"

Reference project sanction number AR&DB/01/2031910/M/I dated 16 May 2019, 17 Nov 2020 & 29 Dec 2021.

2. Under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D(R&D) dated 12th Feb 1971 and in exercise of power delegated vide SI No. 3.1 of GoI, MoD letter No. DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18th Dec 2019 as amended from time to time, I am directed to convey the sanction of the CFA i.e. DG(TM) for closure the subject project (However, the grantee institute will furnish the documents related to the subject project whenever asked for/ arisen due to PCDA audit) and also retention of equipment subject to the following conditions:

Conditions:

- (a) DRDO or any associated lab will make use of the equipment retained in the institute under the project as and when required without any payment.
- (b) Any expenditure incurred for maintenance/upkeep of the retained equipment will be borne by the institute.
- (c) In case of disposal of the retained equipment required by the institute due to non-performance, prior approval of DRDO to be obtained and the fund generated shall be refunded to AR&DB.

The list of retained equipment is as under:

S.No.	Equipment name	Cost (in Rs)
1	Laser Marking Machine	5,00,000/-
	Total	5,00,000/-

3. The achievements of the project are as follows:

- a) The texture depth decreased with increase in scanning speed. The depth of all the textures was around $\sim 12 \mu\text{m}$ at highest scanning speed of 800 mm/s. Increase in pulse frequency from 20 to 50 kHz did not influence the texture depth of dimple and groove.
- b) Among the three types of textures, ellipse exhibited highest quality as indicated by highest GRG (0.951) when compared to that of grooves (0.843) and dimples.
- c) The aspect ratio of grooves deteriorated with increase in laser power. However, scanning speed and pulse frequency did not influence aspect ratio of all the textures.

...2/-

2122/14

d) The maximum overall improvement of 71.17% in tribological responses was observed in intermediate texture density of 32.4%. The coefficient of friction got reduced by 83.05% and specific wear rate by 59.29 % when compared to those of untextured NAB substrate.

4. As per Statement of Accounts, Statement of Expenditure and Utilization Certificate:-

A. Sanctioned Fund	: Rs 16.19130 lakh
B. Released Fund	: Rs 15.83250 lakh
C. Total expenditure	: Rs 15.52508 lakhs
D. Interest Accrued & Unspent balance	: Rs 0.30979 lakhs*

(* Rs 0.30979 lakhs through e-MRO no DUJ3712729 dated 14/07/2022)

- 5. This is issued with the concurrence of the IFA (R&D), New Delhi vide their U.O. No IFA/R&D/0031/ARDB/1235 dated 30/01/2023.
- 6. Sanction Code is DGTM/ARDB/GIA/22-23/122 dated 24/02/2023.

Narendra Kumar Arya
 (Dr. Narendra Kumar Arya),
 Secretary, AR&DB

[Handwritten Signature]

Copy to :-

- 1) Principal CDA(R&D), West Block V, RK Puram, New Delhi-110066
- 2) IFA (R&D), DRDO Bhawan
- 3) Dy. Director of Audit, Defence Services, Southern Command, Pune – 411 001
- 4) Principal Director of Audit, Air Force & Navy, 'M' Block, N. Delhi-110 001
- 5) Dr. Vikas Kumar (Chairman, Steering committee), Former Director, DMRL Hyderabad - 500058
- 6) Prof. Suhas S. Joshi (Chairman M&M Panel), Director, Indian Institute of Technology Indore – 453552
- 7) Dr. Bharatish A, Asst. Prof, RV College of Engg, Bangalore – 560059
- 8) Dr. G. R. Rajkumar, Asso. Prof, RV College of Engg, Bangalore – 560059
- 9) Dr. Manish Roy, Sc G, DMRL Hyderabad - 500058
- 10) Director, DMRL, Kanchanbagh , Hyderabad – 500058 - For kind info of list of DRDO equipments retained with the institute and deliverables/outcome of project for lab's existing/future programme

RVE/172/2023-24/08.05.2023

HOD-M2/stamp/IA/CS
 3/5
 Control No. 182 (2022-23)

3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years

3.2.2 Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

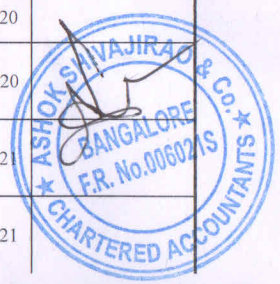
SI No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration (Years)	Year of award or sanction	Amount in INR.
2020-2021						
1	Dr.Vidya Niranjana	DBT-JRF Program - Fellowship, HRA to Rudrappa Gattu, Biotech & Contingency Grant 2019-20	DBT	3	2020	766,680.00
2	Dr.Srivani S G	Solar Iron Cart	FINP / NIAS	2	2020	90,000.00
3	Dr.H.N.Narasimha Murthy and Dr Gangadhar Angadi	Strain Measurement of Loading Platform of ALWT	NSTL	2	2020	162,180.00
4	Dr.H.N.Narasimha Murthy	Design, analysis, Fabrication and Testing of Advanced Lightweight Torpedo Battery. Shell with Metallic End Flanges	NSTL	2	2020	127,200.00
5	Dr. Subramanya TK	Enabling investigation for high efficiency nanocrystalline a-si: HHIT solar cells	DST	3	2020	600,000.00
6	Dr.Rajalakshmi Mudbidre	Carbon based nano composite mixed matrix membranesfor desalination	DST	3	2020	650,000.00
7	Dr.Radhakrishna and Dr. Ujwal Shreenag Meda	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST	3	2020	597,900.00

8	Dr.Uttara Kumari M , Dr.Usha Rani K Dr. Sujatha D Badiger and Dr. M Govinda Raju (Co PIs)	Development of Classifier Based on Deep / Machine learning Algorithms for Land based Munitions	DRDO	3	2020	24.64,648.00
9	Dr.Ramesh Sharma	Investigation of Damage and Fiber content in CFRP composites using ultrasonic test method	AICTE	2	2020	1,296,337.00
10	Nagasnree Rao, Ashwani Sharma and Dr Shivarama	Functional characterization of the regulatory genes involved in pungency in capsicum sp	DBT	3	2020	397,600.00
11	Bharathish A	Investigation of Tribological Performance of Laser Surface Textured nickel Aluminium Bronze for Landing Gear Applications	ARDB	2	2020	388,120.00
12	Dr.K Natarajan	Development of room temperature storage prepeg resin for composites for aircraft applications	VGST	2	2021	1,000,000.00
13	Dr.Raghavendra T	Utilization of alumina industrial waste for novel mix design in the development of controlled low strength materials under KSTePS	VGST	2	2021	300,000.00
14	Dr.Rajalakshmi Mudbidre	Carbon based nano composite mixed matrix membranesfor desalination	DST	3	2021	500,000.00
Total						6,876,017.00

R. V. COLLEGE OF ENGINEERING, BANGALORE - 59

PROJECT GRANT DETAILS FROM 01.04.2020 TO 31.03.2021

SI No	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2020-21	Released during 2020-21	Anticipated Grants	Date of Receipt	Remarks
1	DBT-JRF Program - Fellowship, HRA to Rudrappa Gattu, Biotech & Contingency Grant 2019-20	DBT	Dr. Vidya Niranjana	BT	7,66,680.00	-	7,66,680.00	7,66,680.00	-	22.05.2020 & 05.10.2020	
2	Solar Iron Cart	FINP / NIAS	Dr. Srivani S G	EEE	1,05,000.00	-	1,05,000.00	90,000.00	15,000.00	29.06.2020	
3	Strain Measurement of Loading Platform of ALWT	NSTL	Dr. H.N. Narasimha Murthy	Mech	5,10,000.00	3,47,820.00	1,62,180.00	1,62,180.00	-	30.06.2020	
4	Design, analysis, Fabrication and Testing of Advanced Lightweight Torpedo Battery. Shell with Metallic End Flanges	NSTL	Dr. H.N. Narasimha Murthy	Mech	5,28,038.00	4,00,838.00	1,27,200.00	1,27,200.00	-	30.06.2020	
5	Grant in aid under Skill and Personality Development Programme Centre for SC/ST Students 9SPDP) for the year 2016-17	AICTE	Dr. Usha J	MCA	25,00,000.00	12,50,000.00	12,50,000.00	5,01,527.00	7,48,473.00	29.08.2020	
6	Short Term Training Programme (STTP) - Noise, Vibration & shock-Measurement & Analysis	AICTE	Dr. Jagannatha Guptha V L	Mech	3,34,167.00	-	3,34,167.00	3,34,167.00	-	14.09.2020	
7	Short Term Training Programme (STTP) - Advances in Electrical Vehicles	AICTE	Dr. Srivani S G	EEE	3,23,333.00	-	3,23,333.00	3,23,333.00	-	14.09.2020	
8	Solar Skill Development program- Recurring grants (KREDEL)	KREDEL	Dr. Ajay K M	EEE	8,56,493.00	-	8,56,493.00	8,56,493.00	-	22.09.2020	
9	Enabling investigation for high efficiency nanocrystalline a-si: HHIT solar cells	DST, GoI	Dr. Subramanya T K	IDRC	55,64,240.00	39,57,000.00	16,07,240.00	6,00,000.00	10,07,240.00	28.09.2020	
10	Carbon based nano composite mixed matrix membranes for desalination	Science & Technology	Dr. Rajalakshmi Mudbidre (Ms. Kavitha J)	Chemical	24,10,000.00	11,10,000.00	13,00,000.00	6,50,000.00	6,50,000.00	17.10.2020	
11	SuryaMitra Skill Development Programme Batch 1 to 7	MNRE, New Delhi	EEE dept	EEE	78,44,964.00	38,42,704.00	40,02,260.00	40,02,260.00	-	30.10.2020	Directly credited to project a/c
12	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST, GoI	Dr. Radhakrishna	Civil	67,26,800.00	45,68,000.00	21,58,800.00	5,97,900.00	15,60,900.00	12.11.2020	
13	Development of Classifier Based on Deep / Machine learning Algorithms for Land based Munitions	DRDO	Dr. Uttara Kumari M	ECE	37,50,865.00	-	37,50,865.00	24,64,648.00	12,86,217.00	13.11.2020	
14	Investigation of Damage and Fiber content in CFRP composites using ultrasonic test method	AICTE	Dr. Ramesh Sharma	Mech	13,16,078.00	-	13,16,078.00	12,96,337.00	19,741.00	10.12.2020	
15	Functional characterization of the regulatory genes involved in pungency in capsicum sp	DBT	Dr. Nagashree N Rao	Biotech	11,92,800.00	-	11,92,800.00	3,97,600.00	7,95,200.00	15.12.2020	
16	Investigation of Tribological Performane of Laser Surface Texturednickel Aluminium Bronze for Landing Gear Applications	ARDB	Dr. Bharatish A	Mech	14,19,130.00	9,95,130.00	4,24,000.00	3,88,120.00	35,880.00	30.12.2020	
17	Grant in aid under Skill and Personality Development Programme Centre for SC/ST Students 9SPDP) for the year 2016-17	AICTE	Dr. Usha J	MCA	25,00,000.00	17,51,527.00	7,48,473.00	6,25,000.00	1,23,473.00	13.01.2021	
18	Preparation and characterization of Chalcogenide Materials for Phase Change Memory applications	VGST	Dr. Shylashree N	ECE	8,10,000.00	5,10,000.00	3,00,000.00	3,00,000.00	-	16.01.2021	



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PRINCIPAL
R. V. COLLEGE OF ENGINEERING
BENGALURU - 560 050

Sl No	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2020-21	Released during 2020-21	Anticipated Grants	Date of Receipt	Remarks
19	Development of room temperature storage prepreg Resin for composites for aircraft Applications	VGST	Dr.K Natarajan	Chemistry	30,00,000.00	20,00,000.00	10,00,000.00	10,00,000.00	-	24.03.2021	
20	Carbon based nano composite mixed matrix membranesfor desalination	Science & Technology	Dr.Rajalakshmi Mudbidre (Ms.Kavitha J)	Chemical	24,10,000.00	17,60,000.00	6,50,000.00	5,00,000.00	1,50,000.00	30.03.2021	
Grand Total Rs.					4,43,58,588.00	2,19,83,019.00	2,23,75,569.00	1,59,83,445.00	63,92,124.00		

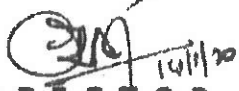

PRINCIPAL
 RV COLLEGE OF ENGINEERING
 BENGALURU - 560 059



161	Neetu Goyal	Panjab University	01-07-2020 to 30-09-2020	SRF	₹ 1,05,000	₹ 0	₹ 0	₹ 1,05,000			
162	Tamalika Paul	Presidency University, Kolkata	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 50,400	₹ 15,000	₹ 2,75,400	₹ 2,75,400	PI20210428ME00TE	04-05-2021
163	Diksha	Postgraduate Institute of Medical Education and Research, Chandigarh	01-06-2020 to 30-09-2020	SRF	₹ 16,000	₹ 2,560	₹ 0	₹ 2,77,160			
			01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 33,600	₹ 15,000		₹ 5,02,160	PI20210428ME00TN	30-04-2021
164	Maninder Kaur	Postgraduate Institute of Medical Education and Research, Chandigarh	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 0	₹ 15,000	₹ 2,25,000			
165	Navaneetha Krishnan J	Punjab Agricultural University, Ludhiana	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	-₹ 12,103	₹ 15,000	₹ 2,12,897	₹ 2,12,897	PI20210428ME00WT	30-04-2021
166	Rudrappa Gattu	R V College of Engineering, Bengaluru	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 50,400	₹ 15,000	₹ 2,75,400	₹ 2,75,400	PI20210428ME00X4	04-05-2021
167	Renu Loyi	Rajiv Gandhi University, Itanagar	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 16,800	₹ 15,000	₹ 2,41,800	₹ 2,41,800	PI20210428ME00X3	04-05-2021
168	MD Zakir Hussain	Ranchi University	01-10-2020 to 31-03-2021	JRF	₹ 1,86,000	₹ 29,760	₹ 15,000	₹ 2,30,760	₹ 2,30,760	PI20210428ME00X9	04-05-2021
169	Abeesh P	Regional Cancer Centre, Thiruvananthapuram	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 33,600	₹ 15,000	₹ 2,58,600	₹ 2,58,600	PI20210428ME00WV	04-05-2021
170	Sudipt Kumar Dalei	Regional Centre for Biotechnology	01-10-2020 to 31-03-2021	JRF	₹ 1,86,000	₹ 0	₹ 15,000	₹ 2,01,000			
171	Subhashni Sahu	Regional Centre for Biotechnology, Faridabad	01-04-2020 to 31-03-2021	SRF	₹ 0	₹ 1,00,800	₹ 0	₹ 1,00,800	₹ 3,01,800	PI20210428ME01NW	04-05-2021
172	Subhojeet Biswas	Regional Medical Research Centre, Bhubaneshwar	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 0	₹ 15,000	₹ 2,25,000	₹ 2,25,000	PI20210428ME010F	04-05-2021
173	Anamika Kumari Anuja	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	14-05-2020 to 31-05-2020	SRF	₹ 2,322.58	₹ 0	₹ 0				
			01-06-2020 to 30-09-2020	SRF	₹ 16,000	₹ 0	₹ 0	₹ 2,43,323	₹ 2,43,323	PI20210428ME010B	04-05-2021
			01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 0	₹ 15,000				
174	Jayant Anant Kulkarni	Savitribai Phule Pune University, Pune	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 50,400	₹ 15,000	₹ 2,75,400	₹ 2,75,400	PI20210428ME010Z	04-05-2021
175	Vivek Pandey	South Asian University	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 50,400	₹ 15,000	₹ 2,75,400	₹ 2,75,400	PI20210428ME013X	04-05-2021
176	Pratham Prakash Phadte	Tata Memorial Centre Advanced Centre for Treatment, Research and Education in Cancer, Mumbai	01-08-2020 to 30-09-2020	SRF	₹ 8,000	₹ 1,920	₹ 0	₹ 2,85,320	₹ 2,85,320	PI20210428ME013Z	04-05-2021
			01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 50,400	₹ 15,000				
177	Simran Kaur	TERI School of Advanced Studies, New Delhi	01-10-2020 to 31-03-2021	SRF	₹ 2,10,000	₹ 50,400	₹ 15,000	₹ 2,75,400	₹ 2,75,400	PI20210428ME017R	04-05-2021

No:	
Date:	

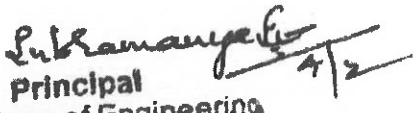
CARS-ACCEPTANCE OF NECESSITY

1	Name of the CARS	Design validation, development of Suspension band of container & Compatible studies of container with aircraft													
2	PI, Designation and Address for Correspondence	Dr H N Narasimha Murthy, Professor and Head, Department of Mechanical Engineering, R V College of Engineering, Mysuru Road, Bengaluru - 560 059, Karnataka													
2a	Co-PI, Designation and Address for correspondence	Dr. Gangadhar Angadi Asst. Professor, Department of Mechanical Engineering, R V College of Engineering, Mysuru Road, Bengaluru - 560 059, Karnataka													
3	Estimated Cost and Time	Rs. 9,44,000.00 (including all taxes); 03 months													
4	Proposed by	NSTL, Visakhapatnam													
5	Brief justification	There is a requirement of "Design validation, development of Suspension band of container & Compatible studies of container with aircraft" for conducting ground trial of ADC. These reports are to be submitted to user & CEMILAC for air launch clearance.													
6	Brief Specifications/Technical Write up	Enclosed (Appendix --A)													
7	Deliverables of the Project	<ul style="list-style-type: none"> ➤ CAD Model and FEA Results ➤ Suspension band sets - 03 no. with required production drawings ➤ Interim reports at the completion of each milestone ➤ Final report with all the certificates issued by CEMILAC 													
8	Is it a new Project or Modification to the existing one	BUILD UP													
9	End Use	➤ There is a requirement to conduct ground trial of ADC with P81 aircraft and also to obtain certification from CEMILAC which is essential for flight clearance for flight launch of ADC being developed by NSTL.													
10	User member and Group (Designation and Phone)	N RAVI KUMAR, Sc-F, 6164													
11	Signature of the User member	<i>N. Ravi Kumar</i>													
12	Recommendation of HOD/TD and Signature														
13	Recommendation of PD and Signature	<i>[Signature]</i>													
14	Recommendation of CARS Committee	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Rep (Budget & Accounts)</td> <td><i>K. Ravi Kumar</i> 14/11/2020</td> </tr> <tr> <td>KVSBAP Vara Prasad, TO 'D', PMO</td> <td><i>[Signature]</i> 14-1-2020</td> </tr> <tr> <td>Binita Sahu, Sc 'D', Dy. AIO</td> <td><i>[Signature]</i> 14-1-2020</td> </tr> <tr> <td>H Keshi, Sc 'G', Member</td> <td><i>[Signature]</i> 14/1/2020</td> </tr> <tr> <td>H N Das, Sc 'G', Member</td> <td><i>[Signature]</i> 14/1/2020</td> </tr> <tr> <td>Ayyangar V B S, Sc 'F', AIO, Chairman</td> <td><i>[Signature]</i> 14/1/2020</td> </tr> </table>		Rep (Budget & Accounts)	<i>K. Ravi Kumar</i> 14/11/2020	KVSBAP Vara Prasad, TO 'D', PMO	<i>[Signature]</i> 14-1-2020	Binita Sahu, Sc 'D', Dy. AIO	<i>[Signature]</i> 14-1-2020	H Keshi, Sc 'G', Member	<i>[Signature]</i> 14/1/2020	H N Das, Sc 'G', Member	<i>[Signature]</i> 14/1/2020	Ayyangar V B S, Sc 'F', AIO, Chairman	<i>[Signature]</i> 14/1/2020
Rep (Budget & Accounts)	<i>K. Ravi Kumar</i> 14/11/2020														
KVSBAP Vara Prasad, TO 'D', PMO	<i>[Signature]</i> 14-1-2020														
Binita Sahu, Sc 'D', Dy. AIO	<i>[Signature]</i> 14-1-2020														
H Keshi, Sc 'G', Member	<i>[Signature]</i> 14/1/2020														
H N Das, Sc 'G', Member	<i>[Signature]</i> 14/1/2020														
Ayyangar V B S, Sc 'F', AIO, Chairman	<i>[Signature]</i> 14/1/2020														
Approved / Not Approved															
 DIRECTOR															

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Contract for Acquisition of Research Services (CARS)

By Signature of authority identified at (11) below, DRDO hereby contracts on the Research Service. Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows:

1. Short title Research Service to be provided : Design validation, development of Suspension band of container & Compatible studies of container with aircraft In response to:		Contract Number : Date :
2. RSQR Document Ref No :	Date of Issue YY MM DD 2020	Issuing DRDO Lab/ESTT/Project : NSTL, Vishakhapatnam
3. Name and address of Research Service Provider (RSP) : Dr H N Narasimha Murthy Professor and Dean – R & D Department of Mechanical Engineering RV College of Engineering Mysuru Road, Bengaluru – 560 059, Karnataka		4. RSP's offer Ref. Date :
5. (a) This contract will require a formal amendment if the following key professional are not available to RSP : Dr. H N Narasimha Murthy, Dr. Gangadhar Angadi, Subhash R Patil Harish D V N (b) RSP is authorized to engage these professional as research consultants (names, institutes/companies) :		
6. Principal technical features of Research Service to be provided (Detailed in Attachment –Appendix- A) Enclosed		
7. DRDO will make available the following DRDO – owned equipment to RSP (Detailed in Attachment B) - Nil		
8. The technical performance of this contract shall be complete when RSP submits the final report before (date) :		
9.1 Expenditure on items below shall not exceed sums shown each		(Rs. in lakh)
(a) Personnel (@ Rs. 50,000/- per month for five months)		1,50,000.00
(b) Consumables / Equipment / Testing Services		4,75,000.00
(c) Travel & Contingency -Investigators and Experts for Review -Regulatory Authorities		1,50,000.00 25,000.00
(d) Institutional overheads		-
Total :		8,00,000.00
Service Tax (@ 18 %)		1,44,000.00
Grand Total		9,44,000.00
9.2 Schedule of payment (Rs in lakh)		
	Date	Payment
(a) Initial advance (20%)	To	1,88,800.00
(b) at Performance Milestone I of RSQR (50%)	To + 45 days	4,72,000.00
(c) at Performance Milestone II of RSQR / On submission of Final Report (30%)	To + 90 days	2,83,200.00
	Total : ▶	9,44,000.00
10. DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract: <div style="text-align: center;">  (Sign over seal) Principal RV College of Engineering Mysuru Road Bengaluru - 560 059 </div>		11. Signature of L/E/P contract administrator : * Name : Designation: Director, NSTL, Vishakhapatnam Address: Naval Science & Technological Laboratory (Defence Research & Development Organisation) Ministry of Defence, Govt. of India, Vignyan Nagar, Visakhapatnam – 530 027, Andhrapradesh

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2020-21 6

No. SR/WOS-A/ET-169/2016
Government of India
Ministry of Science & Technology
Department of Science & Technology
(KIRAN DIVISION)

Technology Bhawan
 New Mehrauli Road
 New Delhi-110016
 Dated: 26.03.2020

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled ***“Carbon based nano composite mixed matrix membranes for desalination”*** under the guidance of Ms. J Kavitha, Department of Chemical Engineering, R.V. College of Engineering, R.V. Vidyaniketan Post, Mysuru Road, Bengaluru-560059, Karnataka.

In continuation of this Department's sanction letter of even number dated 08.08.2018, sanction of the President is hereby accorded to the payment of Rs. 6,50,000/- (Rupees Six Lakh Fifty Thousand only) as Second installment to the **Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka** for implementation of the said project during the current financial year.

2. Sanction of the President is also hereby accorded to carry forward the remaining unspent balance of Rs. 22,515/- from the financial year 2018-19 to 2019-20 for utilization for the same purpose for which it was sanctioned.
3. The revised fellowship (w.e.f. 01.04.2019) of manpower recurring shall be released from the sanctioned budget under manpower head.
4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
6. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2019-20 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230(17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.
7. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
8. Principal investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.
9. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
11. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "author acknowledge Department of Science & Technology, Government of India for financial support vide reference no.....under Women Scientist Scheme to carry out this work". Also she is advised to be either 'first' or 'corresponding' author in all publications.

Contd..p/-

12. The expenditure involved is debit to Demand No.86, Department of Science & Technology for the year 2019-20:

3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 Grants-in-aid General for the year 2019-20 (Voted)
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

13. The amount of Rs. 6,50,000/- (Rupees Six Lakh Fifty Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka. The bank details for electronic transfer of funds through RTGS are given below:

Institute name : R.V. College of Engineering, Mysuru Road, Bengaluru
Bank Name : Kotak Mahindra Bank
Account Number : 136010112055
Branch : RVCE Campus, Bengaluru IFSC code : KKBK0008053

14. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through Gem only.
15. Institute is registered under NGO Darpan Portal & unique ID – KA/2017/0115493.
16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 731 in the register of grants maintained in the Division for scheme (KIRAN: WOS-A).
17. This issues with the concurrence of IFD Vide their Concurrence Dy.No.C/6058/IFD/2019-20 dated 04.03.2020



(Vandana Singh)
Scientist-E

Copy forwarded for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka.
4. Ms. J Kavitha, Department of Chemical Engineering, R.V. College of Engineering, R.V. Vidyaniketan Post, Mysuru Road, Bengaluru-560059, Karnataka.
5. Pay & Accounts Officer, DST, New Delhi
6. IFD, DST, New Delhi.
7. Sanction Folder.



(Vandana Singh)
Scientist-E

Tel: 2300 7507
Fax: 23007867

DRDO

2020-21

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ARMREB/ASE/2020/225
Defence R&D Organization (HQ)
Armament Research Board
DRDO Bhawan, Rajaji Marg
New Delhi - 110 011
30 Jul2020

To

Principal
RV College of Engineering
Mysuru Road
Bengaluru - 560059

SANCTION OF PROJCT UNDER GRANT-IN-AID SCHEME OF ARMREB

Under the power vested in the ARMREB vide Government of India, Ministry of Defence letter No. ARM (RD-17)/2035/1008/D (R&D) dated 18/21 Mar 1997 & in terms of power delegated vide Sl. No. 3.1 of DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18 Dec 2019, I am directed to convey the sanction of the CFA i.e. DS & DG (TM) for the following project:-

Project Number : ARMREB/ASE/2020/225.
Title of the Project : Development of Classifier Based on Deep / Machine Learning Algorithms for Land Based Munitions
Name of the PI : Dr. M Uttara Kumari, Professor, R V College of Engineering, Bengaluru
Name of the Co-PI : (i) Dr. Usha Rani K, Assoc. Professor, R V College of Engineering, Bengaluru
(ii) Mrs. Sujatha D Badiger, Asstt. Professor, R V College of Engineering, Bengaluru
(iii) Dr. M. Govinda Raju, Asst. Professor, R.V. College of Engg.
Name of the Co-ordinating DRDO Scientist : Ms. Vaishnavi Motghare, Sc 'E', ARDE, Pune

2. **COST:** - The total cost of the project is Rs 37,50,865/-. Break-up of the project cost is given under: (in Rs)

Heads	1 st Year	2 nd Year	Row Total
Research Staff (2 JRF @ 31,000)	7,44,000	7,44,000	14,88,000
(b) Special Equipment	14,44,653	2,00,482	16,45,135
i. Arbitrary Waveform/function Generator			
ii. Data acquisition unit & Sensors			
iii. Power supply to measure power rating/Power meter			
iv. Evaluation Boards			
(c) Consumables Stores & Chemicals etc	28,910	79,650	1,08,560
(d) TA/DA	50,000	50,000	1,00,000
(e) Contingencies	30,000	45,000	75,000
(f) Institute Overheads (10% of a+b+c+d)	1,67,085	1,67,085	3,34,170
Column Total	24,64,648	12,86,217	37,50,865
Total Cost	Rs 37,50,865/-		

RUE/ESB/308/20.21
11/8/20

Dr. Uttara Kumari - EC
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3. **PDC:** 2 years from the date of start of the project.
4. **Aim of the Project:**
Development of a system to identify the presence of vehicle, person and discriminate them from animals and also discriminate between the type of the different vehicles.
5. **Objective of the Proposed Work:**
 - i. To design and develop multi-sensor data fusion algorithm based on machine learning algorithms / deep neural networks to detect and discriminate human / animal from vehicles by fusing seismic / acoustic / magnetic signatures
 - ii. To design and develop multi-sensor data fusion algorithm based on machine learning algorithms / deep neural networks to detect and discriminate Type A and Type B vehicles by fusing multi model signatures.
 - iii. To implement on low power signal processing scheme and electronic H/W to meet the size and operational life requirements.
6. **Deliverable:**
 - i. 2/3 algorithms to detect and discriminate human/animal from vehicles and also to discriminate Type A and type B vehicles.
 - ii. Hardware with implemented Machine Learning /Deep Learning approach with high accuracy and low current consumption.
7. **Procedure for Release of Funds:** - The grantee institute will prepare Contingent Bill (in triplicate in the enclosed format) duly completed, signed on revenue stamp with official seal by the competent financial authority of the institute and submit to the Member Secretary, ARMREB, Room No. 507, 5th Floor DRDO Bhawan, Rajaji Marg, New Delhi-110 011 for countersignature and submission to the PCDA(R&D) for release of installment. The following documents may be submitted to comply the requirement of G.F.R 2017 and release of first installment: -
 - (i) **ECS mandate form (in the enclosed format)**
 - (ii) **Certificate from the Grantee institution that grants has not been obtained or applied for the same purpose/ task to be carried out under the MOC with ARMREB or activity from any other Ministry/Department of Government of India or State Government.**
 - (iii) **Documents as per rule 230 (1) of GFR 2017 for private institutes**
8. **Commencement date of the Project:** - The date of receipt of the grant would be reckoned as the commencement date of the project, which is intimated to the undersigned as well as the PCDA (R&D), DRDO HQ Cell, 'West Block '5', R K Puram, New Delhi – 110 066 without any ambiguity.
9. **Accounting and Audit of Grant:** -
 - (i) As per GFR 2017 Rule 230(8) All interests or other earnings against Grants in aid or advances (other than reimbursement) released to any Grantee Institution should be mandatorily remitted to the consolidated Fund of India immediately after finalization of the accounts. Such advances should not be allowed to be adjusted against future releases.
 - (ii) In case of common bank account held by the institute, the institute can reflect the accrued interest separately and refund the same to ARMREB. **Interest earned to be refunded to ARMREB through a Demand Draft / E-MRO in favour of PCDA (R&D) drawn at New Delhi at the end of financial year.**
 - (iii) Funds for subsequent year(s) will be released on satisfactory progress and submission of annual progress report by PI to the Panel and ARMREB secretariat and based on panel recommendation with due approval of competent authority. As per SOP, issued by ER&IPR vide MOD letter No ERIP/ER/2017001/M/01/SOP/160/D(R&D) dated 06.02.2018, PI to submit

[Handwritten signature]

audited Statement of account and utilization certificate along with interest accrued at the end of financial year. PI also to submit audited Statement of account and utilization certificate at the time of release of next year grant.

- (iv) Excess expenditure, beyond the yearly sanction, unless authorized by ARMREB in writing, shall be the responsibility of the grantee institution.
- (v) On completion of the project, the grantee institution should send the unspent amount to Member Secretary, ARMREB through a Demand Draft in favor of PCDA (R&D) drawn at New Delhi.

10. **Special Equipment: -**

- (i) Under the special equipment head procurement of laptop is not permitted and subsequently any request for regularization of the same would not be considered by ARMREB.
- (ii) The equipment purchased from the project fund would be taken on the ledger charge of the institution and details of the same may kindly be submitted to this office yearly alongwith G.F.R 19 duly certified by the auditors of the institution that necessary check has been applied and the inventory acquired under the project has been found in order.
- (iii) On completion of the project the grantee institution would forward the consolidated list of equipment along with formal request for retention of equipment and an undertaking by the institute for another project / in house R&D.

11. **Policy on Ownership of Intellectual Properties: -**

- (i) All foreground information and foreground intellectual property created during the performance of the Project, whether or not legally protected, shall be owned jointly by DRDO and Grantee Institution. DRDO and Grantee institution shall be deemed to have a royalty-free license to use such joint information and foreground intellectual property for their own R&D purposes.
- (ii) Grantee Institution shall not publish any research paper covering foreground information generated during the performance of the Project before seeking written consent from DRDO to ensure that no proprietary information is released and no legal rights covering foreground information are jeopardized. Normally, such decision for publication shall be provided by DRDO within 30 days of receipt of such request from Grantee Institution.
- (iii) Grantee Institute shall promptly report to DRDO about any Intellectual Property generated during the performance of the project. DRDO and Grantee Institution shall confer and consult each other regarding preparation, filing, and prosecution maintenance of Intellectual property Rights applications including patent applications covering foreground information, generated during the performance of the project. DRDO shall be responsible for filing, prosecution, grant and maintenance of such Intellectual Property Applications including patent application and Grantee Institute shall render all possible help to DRDO regarding the same. DRDO shall also bear all expenses related to filing, prosecution, grant and maintenance of such Intellectual Property Application including patent applications.
- (iv) Grantee Institution may commercially exploit any foreground information and foreground Intellectual Property, generated during the course of the Project whether or not legally protected, for purposes other than Government Application only after conclusion of separate agreements to be negotiated between Grantee Institution and DRDO. Grantee Institution shall maintain an account of its incomes arising out of such commercial use and any royalty income shall be shared equally between DRDO and Grantee Institution.

McL...

- (v) Notwithstanding any provisions mentioned above or any future licensing agreements, DRDO shall be deemed to have all rights including a nonexclusive, irrevocable, royalty-free, perpetual license for the unlimited commercial development, series production, continuing engineering support, product improvement, or have developed, any Foreground Information and Foreground Intellectual Property, generated during the performance of the Project, whether or not legally protected, for the purposes of Government Applications including armed forces and paramilitary forces.
- (vi) Whenever DRDO informs Grantee Institution that the interest of national security requires Grantee Institution to refrain from commercially exploiting the product/process based upon any foreground information and foreground Intellectual Property, generated during the performance of project, whether or not legally protected, or stipulate conditions in such commercial sale, Grantee Institution shall abide by DRDO requirements.
- (vii) DRDO shall not be responsible and shall not accept any liability for infringement, innocent or otherwise, by PI or the Grantee Institute of the Intellectual Property Rights of third parties.
- (viii) The term of the above provisions shall survive the term of the Project.
- (ix) The Grantee Institution shall maintain an account of its incomes arising out of commercial use and any royalty income shall be equally between DRDO and grantee institution.

12. RTI Act, 2005:-

- (i) The grantee institution shall not disclose any information under RTI Act, 2005 as DRDO is placed under Second Schedule and is exempted from disclosure of information under Section 24 (1) of the Act except information pertaining to the allegations of corruption and human rights violations.
- (ii) In case any application is received by the grantee institution for seeking information pertaining to DRDO Projects under RTI Act, 2005, it may not be replied to directly and the same shall be transferred to CPIO, DRDO HQ for necessary action and reply under Section 6(3) of the RTI Act at the following address:-
314 A, 'B' Block, RTI Cell, DRDO Bhawan, Rajaji Marg, New Delhi – 011

13. Publication of Technical Papers: - The PI will seek prior permission from DRDO for the publication of the technical papers, if any, related to the project work, in Indian/foreign journals including thesis of the research students. PI will submit a formal request along with copy of the paper to the Secretary, ARMREB for further necessary action in this regard. The assistance rendered by the ARMREB will be acknowledged in the paper. Three copies of reprint of published paper will sent to the secretary ARMREB. The PI should also consider - submitting one or two papers, out of the research work carried out under the project, to the Defence Science Journal (DSJ), being published by Defence Scientific Information & Documentation Centre (DESIDOC/DRDO), Metcalfe House, Delhi – 110054.

14. Progress Review Mechanism: -

- (i) Review of progress would be carried out by the respective panel.
- (ii) The PI will give a presentation to the user lab after completion of the project for dissemination of the work done. Panel coordinator will organize.

15. Closure Report: - Closure report containing hard and soft copies of the technical report, critical data and know how along with the information required will be submitted by PI to ARMREB with a copy to Panel Coordinator within 90 days after completion of the project PDC to verify the report contents and for formal closure of project.

16. The PCDA(R&D), DRDO HQ Cell, 'West Block '5', R K Puram, New Delhi – 110 066 will make disbursement of money year wise as sanctioned in para 2 above on submission of contingent bill by the Institute. The expenditure will be debited from the major head 2080, Defence Services R&D, minor head-004, Research & Development and code head 852/04 of the Defence Services Estimates.

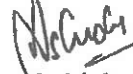
17. It is requested that documents given above at Para 7 may be submitted to this office at the earliest for further necessary action.

18. Sanction Code is DGTM/ARMREB/GIA/20-21/0065 dated 29.07.2020.

19. This has issued with concurrence of IFA (R&D), New Delhi vide their U.O. No. IFA/R&D/0031/ARMREB/2020/Vol-I/0266 dated 22.07.2020.

Encl : As above.

Yours faithfully,



(Ashish Jauhari)

Member Secretary ARMREB

Copy to: -

1. Dr Satish Kumar, Chairman ARMREB, Director NIT, Kurukshetra
2. DG (ACE), DRDO Bhawan, Rajaji Marg, New Delhi – 110 011
3. DG (TM), DRDO Bhawan, Rajaji Marg, New Delhi – 110 011
4. Dr Satish C Gupta, Associate Director MRG, Head, Applied Physics Division, BARC, Mumbai - 400085
5. Dr. BB Padhy, Sc. 'F', ARDE Pune-411021
6. IFA (R&D), DRDO HQ, New Delhi – 110 011
7. Director General Audit (Defence Services), 'L' Block, Church Road, New Delhi – 110 001.
8. The Commandar, HQ TG (EME), Delhi Cantt – 110 010
9. Dr. M Uttara Kumari, Professor, R V College of Engineering, Bengaluru
10. Dr. Usha Rani K, Assoc. Professor, R V College of Engineering, Bengaluru
11. The Director, Dte of ER& IPR, 3rd Floor, DRDO Bhawan, New Delhi – 110 011
12. The Director, HEMRL, Sutarwadi, Pune – 411 021
13. The Director, ARDE, Pashan, Pune – 411 021
14. The Director, TBRL, Sector – 30, Chandigarh – 160 030
15. The Director, CFEES, Brig SK Mazumdar Road, Delhi – 110 054
16. The Director, PXE, Chandipore – 756 025
17. Ms. Vaishnavi Motghare, Sc 'E', ARDE, Pune - 411021

Copy signed in ink to:

1. PCDA (R&D), DRDO HQ Cell, West Block '5', R K Puram, New Delhi – 66

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110070

RPS - Sanction Letter

File No. 8-26/FDC/RPS (POLICY-1) /2019-20

Date: 14 Aug 2020

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070,

2020-21 - (9)

Sub: Release of a sum of Rs.1296337/- being the 1st installment of the total grant of Rs.1316078/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2020-21.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs.1296337/- (Rupees Twelve Lakh Ninety Six Thousand Three Hundred Thirty Seven Only) as 1st installment out of a total approved grant-in-aid of Rs.1316078/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

I.	Name and address of the Beneficiary Institution (University / College / Institution)	: Registrar / Director / Principal, R.V. College of Engineering, Bengaluru, Bangalore Urban, Karnataka-560059
II.	Principal Investigator's Name & Dept./Course	: Dr. Ramesh Sharma (Mechanical Engineering)
III.	Grant-in-aid Sanctioned	: Rs.1316078 /- (Rs. 1118666/- for non-recurring and Rs.197412/- for recurring expenditure)
IV.	Amount to be Released during the year 2019-20 (as 1 st Installment)	: Rs.1296337 /- (Rs. 1118666/- Full amount of non-recurring & Rs.177671/- 90 % of recurring sanctioned)
V.	Project Duration	: 3 Years
VI.	Title of the Project	: Investigation of Damage and Fiber content in CFRP composites using ultrasonic test method

I. Release of funds:

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of R.V. College of Engineering, Bengaluru, Bangalore Urban, Karnataka-560059 through RTGS/PMFS.
2. The sanctioned grant-in-aid is debit to the Major Head "601.12.a (RPS Plan)" Gen. and is valid for payment during the financial year 2020-21.
3. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
4. The grant-in-aid is being released in conformity with the Terms & Conditions as well as norms of the scheme as already communicated and also being communicated in this letter.

II. Maintenance of account by the Institute/PI:

1. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
2. The grant is intended to cover items of expenditure/equipment approved by AICTE.
3. Acknowledgement of receipt of grant and letter of acceptance of terms and conditions is to be submitted to AICTE within 15 days from the receipt of the grant to the following address:

Director (Faculty Development Cell), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Contd...2/

2021/9

4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the undermentioned bank account/RTGS/PFMS details submitted by them alongwith the Proposal, in which the grant is being released. In case of any omission, the same should be reported to AICTE immediately along with refund of entire grant: -

Institut Pan No.	Bank Name	Bank Branch	Bank Branch Add.	Account Holder Name	Account Type	Account Number	IFSC Code
AAATRO 255A	Kotak Mahindra Bank	RVCL Campus	Mysore Road, Bangalore - 560 059	Principal, RVCE	Saving Account	136010112055	KKBK0008053

6. The grantee institution shall observe all financial norms and guidelines as prescribed by the AICTE/Government of India from time to time. Grantee institution must follow GFR guidelines in procuring the sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the institute in the prescribed form i.e. GFR-19.
7. Interest accrued on the sanctioned grant-in-aid will be reported and refunded to AICTE and not adjusted against the subsequent installment.

III. General Instructions:

- It should be ensured that no RPS project in favour of the same P.I. has been sanctioned during the last 03 years before utilizing this amount and the matter be brought to the notice of this Council immediately in case a faculty is sanctioned multiple RPS Projects.
- The duration of Project is 03 years and the date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Registrar/Director/Principal shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not be adjusted in the grant and if the University/Institution do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute has to necessarily refund the entire grant to AICTE along with interest within a month. In case the grant is not refunded within said duration 18% interest will be levied on it. The grant has to be refunded to AICTE, through RTGS as per details given below:

Account Number	55113199952
Name of the Account Holder	Member Secretary, AICTE, New Delhi
Bank Name	State Bank of India
Branch Name	Shashtri Bhawan, New Delhi
IFSC Code	SBIN0050203

- The Institute may constitute a Project Monitoring Committee (PMC). The composition of the PMC shall be as under:
 - Principal/Director of the institution (Chairperson)
 - Two HODs from institute (Members)
 - In case of private institute one subject expert from government institute, not below the rank of Associate Professor (Member)
 - Coordinator of the project (Member Secretary)
- The grant shall be utilized strictly for the purpose as specified in the sanction letter. Re-appropriation of funds from one Head to another is strictly not permitted viz. Recurring and non-recurring Heads. Further, the equipment(s)/item(s) purchased should be as per the specifications and individual item-wise costs sanctioned by AICTE, and not taking the total grant sanctioned as one entity. Item-wise purchase cost shall be matched with the sanctioned cost, and the cost of item purchased below the sanction cost shall be restricted as actual cost. If the item purchase cost is higher than its sanctioned cost, the cost shall be restricted to the sanctioned cost and the additional amount shall be met by the Institute from its own resources.
- Similarly, the recurring grant shall be used for the items sanctioned by the AICTE. No money be used for going abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant.

Contd...3/-

6. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
7. The Institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.
8. The grantee shall utilize grants only on approved items as per list of equipment attached. However, if the grantee wishes to recast the Project, approval of Council must be obtained for the revised item of expenditure and they will maintain proper accounts of the expenditure as per the norms/procedures of AICTE/Government of India. The revised proposal should be within the total grant sanctioned and duly supported with reasons and recommendations of the Project Monitoring Committee (PMC).
9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
10. Each project sanctioned by AICTE is assigned a specific Reference Number, which is given on pre-page. All correspondence address to AICTE regarding the project must quote this number alongwith year of sanction of the project, otherwise correspondence may not be entertained.
11. The grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.

IV. Submission of documents by the Institute/PI to AICTE:

A. Documents to be submitted within one month of completion of each financial year:

- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure
- iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.
- iv. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the institution.
- v. Stock entry register duly verified by the Store in charge and PI & counter signed by Head of Institution

B. Documents to be submitted within two month of completion of the Project:

- i. The consolidated Utilization Certificate (UC) and Receipt & Payment Account for the Project duration, duly audited.
- ii. Consolidated audited statement of expenditure, to the effect that the grant has been utilized for the purpose for which it has been sanctioned. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
- iii. Project Completion Report duly signed & stamped by the PI & Head of the Institution and Project Evaluation Committee (PEC) Members.
- iv. Principal Investigator/institute to submit the Feed Back form in AICTE format.
- v. The prescribed formats for submission of necessary mandatory documents and Terms & Conditions may please be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.


Note: Any deviation from the above said time schedule will cause serious action against the Institute.

Contd...A/

Approved list of items under Non-recurring grant:

S. No.	Approved Item (As per proposal)	No. of Units	Amount recommended
A.	Non-recurring		
i)	ADVANSKAN AS414 High Performance Ultrasonic flaw Detector with: High definition LCD display, built in Single Board Computer, Tunable Square Wave Pulse, Interactive Architecture, small size, light weight	1	Rs.1118666/-
ii)	NF-10 mhz 5 mm dia crystal with replaceable delay line With lemo to microdot cable	10	
iii)	Rechargeable Li-ion Battery Pack	5	
iv)	ANF 2.5 MHZ WITH Replaceable delay line with lemo micro Dot cable	5	Rs.177671/-
B.	Recurring (i.e. 90% of total approved recurring grant) for Contingencies & Consumables only		Rs.1296337/-
	Grand Total (A)+(B)		

1. Registrar/Director/Principal,
R.V. College of Engineering,
Bengaluru, Bangalore Urban,
Karnataka-560059
2. Name of Principal Investigator,
Dr. Ramesh Sharma,
R.V. College of Engineering,
Bengaluru, Bangalore Urban,
Karnataka-560059
3. Office of Director General of Audit
General Revenues, AGCR Building
I.P. Estate, New Delhi-110002.
4. Guard File



(Col. B. Venkat)
Director (FDC)

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2020-21

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Administrative

No. BT/PR25758/NER/95/1300/2017
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER-BPMC)

Block 2, 6-8th Floors
CGO Complex, Lodhi Road,
New Delhi- 110 003
Dated: 03 /12/2020

ORDER

Sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the project entitled: "Functional characterization of the regulatory genes involved in pungency in Capsicum sp." for a period of 3 Year 0 Month at a total cost of Rs. 11044196 (Rupees One Crores Ten Lakhs Fourty Four Thousand One Hundred and Ninety Six Only) on the terms and conditions detailed here under:-

2 The Project :

2.1 Title : "Functional characterization of the regulatory genes involved in pungency in Capsicum sp."

Details of the Investigations:

2.2

Project Cordinator

Dr. Pranjan Barman
Assistant Professor
Biotechnology
Gauhati University
Department of Biotechnology, Gauhati University, Guwahati,
Assam, 781014

Principal Investigators:

Vaishali
श्री. वैशाली पंजाबी, वैज्ञानिक, PANJABI
वैज्ञानिक / Scientist
आयुर्वेद-तंत्राधीन विभाग / Dept. of biotechnology
विकास और प्रोद्योगिकी मंत्रालय / Min. Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Dr. Pranjan Barman
Assistant Professor
Biotechnology
Gauhati University
Department of Biotechnology,
Gauhati University,

Dr. Chethan D J
Assistant Professor
Dept. of Microbiology &
Biotechnology
Karnatak University Dharwad
Dept. of Microbiology &

Dr. Giridhar Parvatam
Principal Scientist
Plant Cell Biotechnology
CENTRAL FOOD
TECHNOLOGICAL RESEARCH
INSTITUTE, MYSORE

Dr. Nagashree N Rao
Associate Professor
Biotechnology
R.V. College of Engineering
: R V College of Engineering,
Mysore Road, Bengaluru,

CO-PI:

Dr. Bhaben Tanti
Professor
Department of Botany
Gauhati University
Gauhati University,
Gopinath Bordoloi
Nagar, Guwahati
781014, Guwahati
Assam - 781014,
Assam

Dr. Ashwani Sharma
Assistant Professor
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R.V. College of
Engineering
Department of
Biotechnology R V
College of Engineering,
Mysore Road,
Bengaluru, Bangalore -
560059, Karnataka

Mr. Shivandappa S
Assistant Professor
Biotechnology
RV College of
Engineering
R V College of
Engineering, Mysore
Road, Bengaluru,

Shivandappa
श्री. वैशाली पन्जाबी / Dr. VAISHALI PANJABI
श्री. वैशाली पन्जाबी / Scientist E
आर० वी० कॉलेज ऑफ इंजीनियरिंग / Dept. of Biotechnology
विज्ञान और प्रौद्योगिकी विभाग / M/s. Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

2.4 Time Schedule:

The duration of the project is 3 Year 0 Month from the date of this sanction order.

2.5 Project Cost:

The total cost of the project is Rs. **11044196/-**(Rupees One Crores Ten Lakhs Fourty Four Thousand One Hundred and Ninety Six Only) as per details given below :

Institute	Year I	Year II	Year III	Total Cost(Rs.)
1. CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE,MYSORE	1378400	378400	378400	2135200
2. Gauhati University	3482000	1822000	1176996	6480996
3. Karnatak University Dharwad	553400	353400	328400	1235200
4. R.V. College of Engineering	397600	397600	397600	1192800
Total (Rs.)	5811400	2951400	2281396	11044196

Institute wise details are:

Budget Head	Year I	Year II	Year III	Total(Rs.)
1. Gauhati University				
Equipment	2450000.00			2450000.00
Manpower	432000.00	432000.00	486996.00	1350996.00
Overhead	50000.00	50000.00	50000.00	150000.00
Travel	40000.00	30000.00	30000.00	100000.00
Consumables	500000.00	1300000.00	600000.00	2400000.00
Contingency	10000.00	10000.00	10000.00	30000.00
Total (Rs.)	3482000.00	1822000.00	1176996.00	6480996.00
2. CENTRAL FOOD TECHNOLOGICAL RESEARCH INSTITUTE,MYSORE				
Equipment	1000000.00			1000000.00
Manpower	278400.00	278400.00	278400.00	835200.00
Consumables	100000.00	100000.00	100000.00	300000.00
Total (Rs.)	1378400.00	378400.00	378400.00	2135200.00
3. Karnatak University Dharwad				
Equipment	200000.00			200000.00
Manpower	278400.00	278400.00	278400.00	835200.00
Consumables	75000.00	75000.00	50000.00	200000.00
Total (Rs.)	553400.00	353400.00	328400.00	1235200.00
4. R.V. College of Engineering				
Manpower	397600.00	397600.00	397600.00	892800.00
Consumables	100000.00	100000.00	100000.00	300000.00
Total (Rs.)	397600.00	397600.00	397600.00	1192800.00

Vandana
 डॉ. वैशाली पंजाबी / Dr. VAISHALI PANJABI
 सहायक ई / Scientist E
 बायोटेक्नोलॉजी विभाग / Dept. of Biotechnology
 विज्ञान और प्रौद्योगिकी विभाग / Mo. Science & Tech
 भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi



ARDB/01/2031910/M/I
Government of India
Ministry of Defence
Aeronautics R&D Board
DRDO Bhawan, Rajaji Marg
New Delhi-110011

To,

Principal
RV College of Engineering,
Bangalore - 560059

17 Nov 2020

2020-21-11

AR&DB SANCTIONED PROJECT NO. 1910

"Investigation of Tribological Performance of Laser Surface Textured Nickel Aluminium Bronze for Landing Gear Applications"

Further to the sanction letter No. ARDB/01/2031910/M/I dated 16 May 2019 under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D(R&D) dated 12th Feb 1971 and MoD letter No. DRDO/DFMM/PL/83226/M/01/1976/D(R&D) dated 18 Dec 2019 as amended from time to time, I am directed to convey the release of 2nd year fund for continuation of subject project during the FY 2020-21.

2. Approval for the release of 2nd year grant of Rs 3.88120 lakhs (Rs 4.240 lacs as 2nd year grant - Rs 0.35880 lakhs as unspent balance) for the project during 2020-21. The PDC of the project is 2 years.

3. Unspent balance may also be utilized during the year FY 2020-21.

4. RV College of Engg, Bangalore to maintain a saving bank account and refund the accrued interest to AR&DB. In case of common account held by institute, the institute can reflect the interest accrued separately and refund the accrued interest.

5. So far (till 2019-20) a total sum of Rs 9.9513 lakhs has been released to RV College of Engg, Bangalore for the above subject project.

6. The total cost of the subject project is Rs 14.1913 Lakhs.

7. The expenditure will be debited to Major Head 2080 - Defence Services, R & D, Minor Head 004-Research / Research & Development and Code Head 852/02 (AR&DB Grant-in-aid) of Defence Services Estimates.

8. PCDA (R&D), West Block V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned.

9. Contingent bill (in triplicate) duly completed and stamped, ECS Mandate certificate along with duly audited statement of accounts and utilisation certificate may please be forwarded to this office for onward transmission to PCDA (R&D), West Block V, RK Puram, New Delhi-110066.


20-21/11

Contd. 2...

30/12



10. Sanction Code is MSRB/TM/ARDB/GIA/20-21/072


(Dr. Maitreyee Nanda)
Secretary
ARDB

Copy to:-

1. Principal CDA(R&D), West Block V, RK Puram, New Delhi-110066
2. IFA (R&D), DRDO Bhawan
3. Dy. Director of Audit, Defence Services, Southern Command, Pune – 411 001
4. Principal Director of Audit, Air Force & Navy, 'M' Block, N. Delhi-110 001
5. Professor Amol A Gokhale (Chairman Steering Committee), Mechanical Engineer Department, IIT Bombay, Powai, Mumbai- 400076
6. Dr DK Das (Chairman, M&M Panel), Sc 'H' , DMRL, Kanchanbagh, Hyderabad 500058
7. Dr. Bharatish A, Asst. Prof, RV College of Engg, Bangalore – 560059
8. Dr. G. R. Rajkumar, Asso. Prof, RV College of Engg, Bangalore – 560059
9. Dr. Manish Roy, Sc G, DMRL Hyderabad - 500058

Control No: 072. (2020-2021)



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸೊಸೈಟಿ

ವಿದ್ಯುನ್ಮಾನ ಮಾಹಿತಿ ತಂತ್ರಜ್ಞಾನ, ಉನ್ನತ ತಂತ್ರಜ್ಞಾನ ಹಾಗೂ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ,
ಕರ್ನಾಟಕ ಸರ್ಕಾರ

'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 3ನೇ ಮಹಡಿ, 2ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬಸವಂಕರಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560070

ದೂರವಾಣಿ: 080-26711166 ಇ-ಮೇಲ್: kstape.dst@gmail.com



ನಂ. KSTePS/VGST/CISEE/2013-14/GRD-232/2020-21/109 / 10/1

ದಿನಾಂಕ: 01.04.2021

ಮಾನ್ಯರೇ,

ವಿಷಯ: ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ CISEE ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಮೂರನೇ ಕಂತಿನ ಅನುದಾನ ಬಿಡುಗಡೆ ಮಾಡಿರುವ ಬಗ್ಗೆ.

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆಯು, ಖ್ಯಾತ ವಿಜ್ಞಾನಿ ಭಾರತರತ್ನ ಪ್ರೊಫೆಸರ್ ಸಿ.ಎನ್.ಆರ್. ರಾವ್, F.R.S. ರವರ ಅಧ್ಯಕ್ಷತೆಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ (ವಿತಂದಾಸ) ವನ್ನು 2008ರಲ್ಲಿ ಸ್ಥಾಪಿಸಿದ್ದು, ಈ ಯೋಜನೆಯಡಿ ಹಲವಾರು ವೈಜ್ಞಾನಿಕ ಕಾರ್ಯಕ್ರಮಗಳನ್ನು ಕಳೆದ 12 ವರ್ಷಗಳಿಂದ ರಾಜ್ಯಾದ್ಯಂತ ಯಶಸ್ವಿಯಾಗಿ ಅನುಷ್ಠಾನಗೊಳಿಸಿಕೊಂಡು ಬರುತ್ತಿರುವುದು ಸರಿಯಷ್ಟೆ. 2013-14ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Development of Room temperature storage prepreg resin for composites for Aircraft applications" ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Centers of innovative Science and Engineering Education (CISEE) ಅಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಮೂರನೇ ಕಂತಾಗಿ ರೂ. 10,00,000/-ಗಳ ಅನುದಾನವನ್ನು ಕೆಸ್ವೆಪ್ಸಿನಿಂದ Principal, R. V. College of Engineering, Bengaluru ಹೆಸರಿನ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ (UTR No. SBINR52021032417465953) RTGS ಮೂಲಕ ದಿನಾಂಕ: 24.03.2021 ರಂದು ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅನುದಾನವನ್ನು ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್ವೆಪ್ಸ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸುವುದು.

ಈಗಾಗಲೇ ಬಿಡುಗಡೆ ಮಾಡಲಾಗಿರುವ ಎರಡನೇ ಕಂತಿನ ಅನುದಾನದಲ್ಲಿ ಉಳಕೆಯಾಗಿರುವ ಮೊತ್ತ ಹಾಗೂ ಬಡ್ಡಿಯ ಮೊತ್ತ ಸೇರಿ ಒಟ್ಟು ಉಳಕೆಯಾಗಿರುವ ರೂ. 1,21,115.28 ಗಳನ್ನು ಮತ್ತು ಪ್ರಸ್ತುತ ಬಿಡುಗಡೆ ಮಾಡುತ್ತಿರುವ 3ನೇ ಕಂತಿನ ಅನುದಾನದ ಜೊತೆ ಸೇರಿಸಿಕೊಂಡು ಈ ಕೆಳಕಂಡ ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳನ್ವಯ ಉದ್ದೇಶಿತ ಯೋಜನೆಗೆ ಮಾತ್ರ ಬಳಸಿಕೊಳ್ಳುವುದು.

ಷರತ್ತು ಮತ್ತು ನಿಬಂಧನೆಗಳು:

ಅ) ನಿಗದಿತ ನಮೂನೆಯಲ್ಲಿರುವಂತೆ ಪ್ರಾಯೋಜಕತ್ವದ ಸಂಸ್ಥೆ/ಇಲಾಖೆಯ ಹೆಸರನ್ನು ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗಳಲ್ಲಿ ಸ್ಥಾಪಿಸಲಾಗಿರುವ ವಿತಂದಾಸದ ಸಂಶೋಧನಾ/ಬೋಧನಾ ಕೇಂದ್ರಗಳಲ್ಲಿ ಕಡ್ಡಾಯವಾಗಿ ಬೋರ್ಡ್ (ಕನ್ನಡ ಮತ್ತು ಆಂಗ್ಲ ಭಾಷೆಯಲ್ಲಿ) ಅನ್ನು ಅಳವಡಿಸುವುದು.

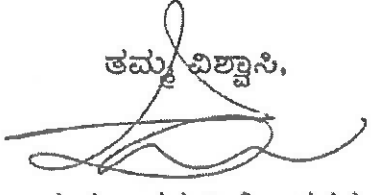
...2

- ಅ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಾಗಲೀ 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 ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು/ಪಾಲಿಸುವುದು.
- ಇ) ಪ್ರತಿ 3 ತಿಂಗಳಿಗೊಮ್ಮೆ ಕಡ್ಡಾಯವಾಗಿ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಸೂಕ್ತ ದಾಖಲೆಗಳೊಂದಿಗೆ ವಿತಂದಾಸಕ್ಕೆ ಸಲ್ಲಿಸುವುದು.
- ಈ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಿಡುಗಡೆಯಾಗುವ ಅನುದಾನದಿಂದ ಅನುಮೋದಿತ ಪಾರ್ಟ್-ಎ (Part-A) ನಲ್ಲಿ ನಮೂದಿತವಾಗಿರುವ ಉಪಕರಣಗಳು ಮಾತ್ರ ಖರೀದಿಸುವುದು ಇದರಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- ಉ) 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.
- ಊ) ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಬಿಡುಗಡೆ ಮಾಡುವ ಅನುದಾನಕ್ಕೆ ಬ್ಯಾಂಕಿನಿಂದ ಬರುವ ಕ್ರೋಡೀಕೃತ (Accrued) ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತಾ ಪ್ರಮಾಣಪತ್ರದಲ್ಲ ಕಡ್ಡಾಯವಾಗಿ ನಮೂದಿಸುವುದು ಮತ್ತು ಸದರಿ ಬಡ್ಡಿಯ ಮೊತ್ತದ ದೃಢೀಕರಣಕ್ಕೆ ಬ್ಯಾಂಕ್ ಖಾತಾ ಪಾಸ್ ಪುಸ್ತಕದ ನೋಂದಣಿಯ ಪ್ರತಿಯನ್ನು (Latest up-to-date bank passbook copy) ಅಥವಾ ಬ್ಯಾಂಕಿನಿಂದ ಪಡೆದ ದೃಢೀಕೃತ ಪತ್ರವನ್ನು ಕಡ್ಡಾಯವಾಗಿ ನೀಡುವುದು.
- ಋ) ಸದರಿ ಅನುದಾನದ ಬಿಡುಗಡೆಯ ದಿನದಿಂದಲೇ ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮವನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಕ್ರಮಕೈಗೊಂಡು ಒಂದು ವರ್ಷದ ಕಾಲಮಿತಿಯೊಳಗೆ ಸದರಿ ಅನುದಾನವನ್ನು ಕಡ್ಡಾಯವಾಗಿ ನಿಯಮಾನುಸಾರ ಬಳಸಿಕೊಂಡು ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮದ ಧ್ಯೇಯೋದ್ದೇಶಗಳನ್ವಯ ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.
- ಎ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ಕ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ಅನುಷ್ಠಾನಗೊಳಿಸಿ ನೋಂದಾಯಿತ ಲೆಕ್ಕಪರಿಶೋಧಕರಿಂದ ಆಡಿಟ್ ಮಾಡಿಸಿ ವಿತಂದಾಸದ/ಕೆಸ್ಸೆಪ್ಸ್ ಒದಗಿಸಿರುವ ನಮೂನೆಯ ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರವನ್ನು GRF-19A ನಲ್ಲಿ (ಧ್ವಿಪ್ರತಿಯಲ್ಲಿ) ಮತ್ತು ಕಾರ್ಯಕ್ರಮದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಕಾಲಮಿತಿ ಮುಕ್ತಾಯಗೊಂಡ ಒಂದು ತಿಂಗಳ ಅವಧಿಯೊಳಗೆ ಕೆಸ್ಸೆಪ್ಸ್ ಸಂಸ್ಥೆಯ ವಿತಂದಾಸ ಕಛೇರಿಗೆ ನೀಡುವುದು.

- ಏ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಡುಗಡೆಯಾಗುವ ಅನುದಾನಕ್ಕೆ ಬ್ಯಾಂಕಿನಿಂದ ಕ್ರೋಡೀಕೃತವಾಗುವ (Accrued) ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರದೊಂದಿಗೆ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆನ್ಸೆಪ್ಟ್ ಇವರ ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್/ಡಿ.ಡಿ. ಮೂಲಕ ವಾಪಸ್ ನೀಡುವುದು.
- ಐ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರತ್ಯೇಕವಾದ ದಾಖಲೆ ಪುಸ್ತಕವನ್ನು ನಿರ್ವಹಿಸುವುದು ಹಾಗೂ ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರು ಮತ್ತು ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಕರು ಯೋಜನೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕಪತ್ರಗಳನ್ನು ಹಾಗೂ ಸಂಬಂಧಪಟ್ಟ ದಾಖಲೆಗಳನ್ನು ಸಂರಕ್ಷಿಸಿಡುವುದು. ಅಲ್ಲದೆ, ಸರ್ಕಾರದ ಮಹಾಲೇಖಪಾಲಕರು ಅಥವಾ ಕೆನ್ಸೆಪ್ಟ್ ಸಂಸ್ಥೆಯ ತಪಾಸಣೆ ಹಾಗೂ ಮೌಲ್ಯಮಾಪನಕ್ಕಾಗಿ ಕೋರಿದಾಗ ಸದರಿ ದಾಖಲೆಗಳನ್ನು ಒದಗಿಸುವುದು.
- ಬ) ಕೆನ್ಸೆಪ್ಟ್/ ವಿತಂದಾಸದ ಅಧಿಕಾರಿಗಳು ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನ ಮತ್ತು ಪ್ರಗತಿಯ ಬಗ್ಗೆ ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಭೇಟಿ ನೀಡಿದಾಗ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ಮತ್ತು ಭೌತಿಕ ಪ್ರಗತಿಯ ವಿವರಗಳನ್ನು ಒದಗಿಸುವುದು.

ಶುಭಾಶಯಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,


ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

ಇವರಿಗೆ,

Dr. K. Natarajan, Department of Chemistry
R. V. College of Engineering
Mysore Road, Bengaluru -560 059

ಪ್ರತಿಗಳು:

1. The Principal, R. V. College of Engineering, Mysore Road, Bengaluru -560 059
2. ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ವಿಭಾಗ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 01, ಇವರ ಅವಗಾಹನೆಗೆ ಮತ್ತು ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ



ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸಂಸ್ಥೆ

ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಸಂಶೋಧನೆ ಮತ್ತು ಸಂವಹನ ಕಾರ್ಯಾಲಯ
ಕರ್ನಾಟಕ ಸರ್ಕಾರ

'ವಿಜ್ಞಾನ ಭವನ' ನಂ: 24/2, 2ನೇ ಮಹಡಿ, 2ನೇ ಮುಖ್ಯ ರಸ್ತೆ, ಬಸವನಗುಡಿ 2ನೇ ಹಂತ, ಬೆಂಗಳೂರು-560070

ದೂರವಾರ್ತೆ: 080-26711166 ಇ-ಮೇಲ್: katepa.dat@gmail.com



2020-21-13

ಸಂಖ್ಯೆ: ಕೆ.ಸೆ.ಪ್ರ/ವಿತಂದಾಸ/RGS-F/GRD No. 992/2020-21//50

ದಿನಾಂಕ: ಆಗಸ್ಟ್ 26, 2021

13

ಇವರಿಗೆ:

ಡಾ|| ಟಿ. ರಾಘವೇಂದ್ರ,
ಸಹ-ಪ್ರಾಧ್ಯಾಪಕರು,
ಸಿವಿಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ,
ಆರ್.ವಿ. ಕಾಲೇಜ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್,
ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ್ ಪ್ರೋಸ್ಟ್ರ, ಮೈಸೂರು ರಸ್ತೆ,
ಬೆಂಗಳೂರು -560 059.

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2020-21ನೇ ಸಾಲಿನ ವಿತಂದಾಸ ಯೋಜನೆಯಡಿ ಪ್ರಸ್ತಾವನೆ ಆಯ್ಕೆಯಾಗಿರುವ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1) ವಿತಂದಾಸ ಅರ್ಜಿ ಆಹ್ವಾನ ಜಾರಿಯಾಗುವ ಸಂಖ್ಯೆ: DST/KSTePS/VGST/2020-21 ದಿನಾಂಕ: 21.01.2021

2) ಸರ್ಕಾರಿ ಆದೇಶ ಸಂಖ್ಯೆ: ಐಟಿ ಬಿಟಿ 185 ಎಸ್ ಟಿ ಎಸ್ 2021, ಬೆಂಗಳೂರು, ದಿನಾಂಕ: 25.08.2021

ಮೇಲ್ಕಂಡ ವಿಷಯಕ್ಕೆ ಸಂಬಂಧಿಸಿದಂತೆ, ಭಾರತ ರತ್ನ ಪ್ರೊ|| ಸಿ.ಎನ್.ಆರ್. ರಾವ್ ಎಫ್.ಆರ್.ಎಸ್., ರವರ ಅಧ್ಯಕ್ಷತೆಯಡಿ ರಚಿಸಲಾಗಿರುವ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ (ವಿತಂದಾಸ) ಶಿಫಾರಸ್ಸಿನ ಆಧಾರದ ಮೇಲೆ 2020-21ನೇ ಸಾಲಿನ ವಿತಂದಾಸದ ಯುವ ವಿಜ್ಞಾನಿಗಳಿಗೆ ಮತ್ತು ಸಂಶೋಧಕರಿಗೆ ಸಂಶೋಧನೆಗಾಗಿ ಮೂಲಧನ (RGS/F) ಯೋಜನೆಯಡಿ ತಾವು ಸಲ್ಲಿಸಿದ "Utilization of alumina industrial waste for novel mix design in the development of controlled low strength materials" ಶೀರ್ಷಿಕೆಯ ಪ್ರಸ್ತಾವನೆಯು ಆಯ್ಕೆಯಾಗುವ ಸರ್ಕಾರದಿಂದ ಅನುಮೋದನೆಗೊಂಡಿರುತ್ತದೆ ಎಂದು ತಿಳಿಸಲು ಹರ್ಷಿಸುತ್ತೇನೆ.

ವಿವಿಧ ಯೋಜನೆಯಡಿ ಆಯ್ಕೆಯಾದ ಸಂಸ್ಥೆ/ಪ್ರಸ್ತಾವನೆಗೆ ಸರ್ಕಾರದಿಂದ ಒದಗಿಸಲಾಗುವ ಅನುದಾನದ ವಿವರವನ್ನು ಅನುಬಂಧ-1 ರಲ್ಲಿ ಲಗತ್ತಿಸಿದೆ.

ಈ ನಿಟ್ಟಿನಲ್ಲಿ, ಈ ಕೆಳಕಂಡ ದಾಖಲೆಗಳನ್ನು ವಿತಂದಾಸ ಕಛೇರಿಗೆ (ನಂ: 702, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಅಂಬೇಡ್ಕರ್ ವೀದಿ, ಬೆಂಗಳೂರು-560001) ಸಲ್ಲಿಸಲು ಸೂಚಿಸಿದೆ.

1) PPMS ನಲ್ಲಿ ಅರ್ಜಿಯೊಂದಿಗೆ ಸಲ್ಲಿಸಲಾಗಿರುವ ಸಂಬಂಧಪಟ್ಟ ಪ್ರಾಧಿಕಾರದ ಸಹಿಯಿರುವ ಕೆಳಕಂಡ ದಾಖಲೆಗಳು:

- ಪ್ರಸ್ತಾವನೆ ಯ ಮೂಲ ಪ್ರತಿ - 2 ಪ್ರತಿಗಳು
- Part-A ದಾಖಲೆಯ ಮೂಲ ಪ್ರತಿ (ಅನುಬಂಧ-1 ರಲ್ಲಿ ನೀಡಲಾಗಿರುವ ಅನುದಾನದ ವಿವರಕ್ಕೆ ಹೊಂದುವಂತೆ ಇರತಕ್ಕದ್ದು)
- Undertaking letter ಮತ್ತು ಸಂಸ್ಥೆಯಿಂದ ನೀಡಲಾಗಿರುವ Endorsement Letter ನ ಮೂಲ ಪ್ರತಿಗಳು
- ಸಂಶೋಧನಾ ಲೇಖನಗಳ (Publications) ಪ್ರತಿ, CV ಮತ್ತು ಇತರ ಸಂಬಂಧಪಟ್ಟ ದಾಖಲೆಗಳು

2) ಅಫಿಡವಿಟ್ (ಅನುಬಂಧ-2 ರಲ್ಲಿ ನೀಡಲಾಗಿರುವ ನಮೂನೆಯಲ್ಲಿ ರೂ. 100/- ರ ಛಾಪಾ ಕಾಗದದ ಮೇಲೆ ನೀಡತಕ್ಕದ್ದು).

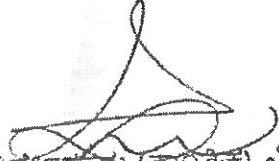
3) ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರ ಲೆಟರ್ ಹೆಡ್ ನಲ್ಲಿ ಅನುದಾನ ಬಿಡುಗಡೆಗೆ ಸಂಸ್ಥೆಯ ಬ್ಯಾಂಕ್ ಖಾತೆಯ ಕೆಳಕಂಡ ವಿವರ (ಸಂಸ್ಥೆಯ ಮುಖ್ಯಸ್ಥರ ಖಾತೆಯ ವಿವರವನ್ನು ಮಾತ್ರ ನೀಡತಕ್ಕದ್ದು):

ಖಾತೆಯ ಹೆಸರು:
ಖಾತೆಯ ಸಂಖ್ಯೆ:
ಬ್ಯಾಂಕ್ ನ ಹೆಸರು ಮತ್ತು ಶಾಖೆ:
IFSC ಸಂಖ್ಯೆ:

ಮುಂದುವರಿದು, ತಮ್ಮ ಯೋಜನೆಯ ಜಿ. ಆರ್. ಡಿ. ಸಂಖ್ಯೆ 992 ಆಗಿದ್ದು, ಮುಂದಿನ ಎಲ್ಲಾ ಪತ್ರ ವ್ಯವಹಾರಗಳಿಗೆ ಈ ಸಂಖ್ಯೆಯನ್ನು ತಪ್ಪದೇ ನಮೂದಿಸಲು ಸೂಚಿಸಿದೆ.

ಈ ಎಲ್ಲಾ ದಾಖಲೆಗಳನ್ನು ದಿನಾಂಕ: 8ನೇ ಸೆಪ್ಟೆಂಬರ್, 2021 ರೊಳಗಾಗಿ ವಿತಂದಾಸ ಕಛೇರಿಗೆ ಸಲ್ಲಿಸಲು ಕೋರಿದೆ. ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗೆ ದೂರವಾಣಿ ಸಂಖ್ಯೆ: 080-2203-2013/ ಇಮೇಲ್: visiongroup.st@gmail.com ನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು.

ಧನ್ಯವಾದಗಳೊಂದಿಗೆ,


ನಿರ್ದೇಶಕರು (ತಾರೀಖು), ವಿತಂಇ/
ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಕೆಪ್ಸ್

ಪ್ರತಿ:

- 1) ಪ್ರಾಂಶುಪಾಲರು, ಆರ್. ವಿ. ಕಾಲೇಜ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್, ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ್ ಪೋಸ್ಟ್, ಮೈಸೂರು ರಸ್ತೆ, ಬೆಂಗಳೂರು -560059
- 2) ಶ್ರೀ/ಶ್ರೀಮತಿ ಎಂ. ಲೋಕೇಶ್ವರಿ (Co-PI), ಸಹ-ಪ್ರಾಧ್ಯಾಪಕರು, ಸಿವಿಲ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ, ಆರ್. ವಿ. ಕಾಲೇಜ್ ಆಫ್ ಇಂಜಿನಿಯರಿಂಗ್, ಆರ್.ವಿ. ವಿದ್ಯಾನಿಕೇತನ್ ಪೋಸ್ಟ್, ಮೈಸೂರು ರಸ್ತೆ, ಬೆಂಗಳೂರು - 560 059.
- 3) ಸರ್ಕಾರದ ಜಂಟಿ ಕಾರ್ಯದರ್ಶಿ, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಇಲಾಖೆ, ಕೊಠಡಿ ಸಂಖ್ಯೆ: 305, 5ನೇ ಮಹಡಿ, 5ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಡಾ|| ಅಂಬೇಡ್ಕರ್ ವೀದಿ, ಬೆಂಗಳೂರು - 560 001.
- 4) ಕಛೇರಿ ಪ್ರತಿ.

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2020-21

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No. SR/WOS-A/ET-169/2016
Government of India
Ministry of Science & Technology
Department of Science & Technology
(KIRAN DIVISION)

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated-24.03.2021

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "**Carbon based nano composite mixed matrix membranes for desalination**" under the guidance of Ms. J. Kavitha, Department of Chemical Engineering, R.V. College of Engineering, R.V. Vidyaniketan Post, Mysuru Road, Bengaluru-560059, Karnataka.

In continuation of this Department's sanction letter of even number dated 16.03.2018, sanction of the President is hereby accorded to the payment of **Rs. 5,00,000/-** (Rupees Five Lakh only) as Third instalment to the **Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka** for implementation of the said project during the current financial year.

2. Sanction of the President is also hereby accorded to carry forward the remaining unspent balance of **Rs. 5,69,809/-** from the financial year 2019-20 to 2020-21 for utilization for the same purpose for which it was sanctioned.

3. The host institute should revised HRA as par Government norms (w.e.f. 01.04.2019) from the sanctioned budget, if PI eligible for same.

4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. The Grantee Institute (GI) will maintain separate audited as par GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during FY 2020-21 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230(17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.

7. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

8. Principal investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

9. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

11. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "author acknowledge Department of Science & Technology, Government of India for financial support vide reference nounder Women Scientist Scheme to carry out this work". Also she is advised to be either 'first' or 'corresponding' author in all publications.

Contd..p/-

12. The expenditure involved is debitable to Demand No.87, Department of Science & Technology for the year 2020-21:

3425	Other Scientific Research (Major Head)
60	Others (Sub-Major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
68	Science and Technology Institutional and Human Capacity Building (Sub Head)
04	Other Programmes
68.04.31	Grants-in-aid General for the year 2020-21 (Voted) (Previous: 56.03.31-Alliance and R&D Mission)

13. The amount of Rs. 5,00,000/- (Rupees Five Lakh only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka. The bank details for electronic transfer of funds through RTGS are given below:

Institute Name	: R.V. College of Engineering, Mysuru Road, Bengaluru
Bank Name	: Kotak Mahindra Bank
Account Number	: 136010112055
Branch	: RVCE Campus, Bengaluru
IFSC Code	: KKBK0008053

14. Host Institute is registered under NGO Darpan Portal & unique ID- KA/2017/0115493.

15. Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through Gem only.

16. The project continuation beyond 31.03.2021 will be subject to appraisal and approval of the continuation of the Schemes under which these project are funded as approved by DoE vide OM No. 42(02)/PF-II/2014 dated 06.08.2020.

17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 1026 in the register of grants maintained in the Division for scheme (KIRAN: WOS-A).

18. This issues with the concurrence of IFD Vide their Concurrence Dy.No.C/6068/IFD/2020-21 dated-23.03.2021.


(Vandana Singh)
Scientist-E

Copy forwarded for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka.
4. Ms. J. Kavitha, Department of Chemical Engineering, R.V. College of Engineering, R.V. Vidyaniketan Post, Mysuru Road, Bengaluru-560059, Karnataka.
5. Pay & Accounts Officer, DST, New Delhi
6. IFD, DST, New Delhi.
7. Sanction Folder.


(Vandana Singh)
Scientist-E

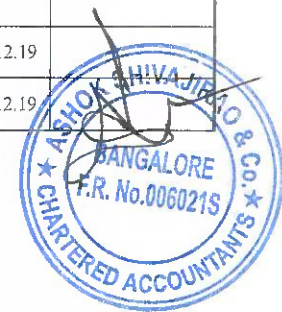
3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years						
3.2.2 Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years						
Sl No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration (Years)	Year of award or sanction	Amount in INR
2019-2020						
1	Dr.Ravishankar S	Development of Compact C-Band Dual Shaped Graded Index Lens-Array Antenna	AICTE	2	2019	1,368,165.00
2	Dr.H.N.Narasimha Murthy	Performance of Under water Torpedo Shells under Hydrostatic Pressure loading by experimental and coupled (Thermal and Hydrostatic pressure	NSTL	3	2019	330,795.00
3	Dr.H.N.Narasimha Murthy	Design, analysis, Fabrication and Testing of Advanced Lightweight Torpedo Battery. Shell with Metallic End Flanges	NSTL	3	2019	486,906.00
4	Dr.Bharatish A	Investigation of Tribological Performane of Laser Surface Texturednickel Aluminium Bronze for Landing Gear Applications	ARDB	2	2019	995,130.00
5	Dr Rudranna Nadhihalli	Surya Mithra Funds	Surya Mitra	2	2019	788,704.00

6	Dr. Chethana R Murthy	Collaborative Development Project under modules:1. Mobile Phone based application. 2. Web based application.	National Silkworm Seed Organization, Central Silk Board	2	2019	630,000.00
7	Dr.H.N.Narasimha Murthy	CARS project	NSTL	2	2019	105,911.00
8	Dr.Vidya Niranjana	DST- INSPIRE Internship Science camp	DST	3	2019	800,000.00
9	Dr.Vidya Niranjana	Genetic Enhancement of Mulberry by Genomics Approaches. A multi-component network project (Equipment)	DBT	3	2019	600,000.00
10	Dr. PR Venkatesh and Dr Ramesh Sharma	Experimental investigation of damage monitoring in sandwich structure using vibration data for aircraft application	ARDB	2	2020	769,100.00
11	Dr.H.N.Narasimha Murthy	Evaluation of Thermal residual stresses due to laser ablation of tantalum carbide coatings.	DST	3	2020	520,000.00
12	Dr Sumathra M	Nanoparticle Based Immobilization of Bovine carbonic anhydrase for environmental CO2 sequestration	VGST	2	2019	500,000.00
13	Dr Shilpa D R	Electro static energy harvesting for self powered medical wearable devices	VGST	2	2019	500,000.00
12	Dr. Rajalakshmi Mudibidre	Carbon based nano composite mixed matrix membranes for desalination	DST, GoI	3	2020	650,000.00
Total						9,044,711.00

R. V. COLLEGE OF ENGINEERING, BANGALORE - 59

PROJECT GRANT DETAILS FROM 01.04.2019 TO 31.03.2020

Sl No.	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2019-20	Released during 2019-20	Anticipated Grants	Date of Receipt	Remarks
1	Short Term Training Program(STTP) on creating and sustaining an ethical workplace culture	AICTE	Dr.Shaam Aan	Chemistry	2,60,000.00	-	-	2,60,000.00	-	02.04.19	
2	Development of Compact C-Band Dual Shaped Graded Index Lens-Array Antenna	AICTE	Dr.Ravishankar S	ECE	13,89,000.00	-	-	13,68,165.00	20,835.00	03.04.19	
3	Faculty Development Program (FDP) on Data Science and Deep Learning	AICTE	Dr.Cauvery N K	ISE	3,51,000.00	-	-	3,51,000.00	-	05.04.19	
4	Faculty Development Program (FDP) on Work Place Ergonomics - Perspectives Principles and Practice	AICTE	Dr.Subramanya K N	IEM	5,00,000.00	-	-	5,00,000.00	-	05.04.19	
5	Performance of Under water Torpedo Shells under Hydrostatic Pressure loading by experimental and coupled (Thermal and Hydrostatic pressure loading) analysis	NSTL	Dr.H.N.Narasimha Murthy	Mech	3,30,795.00	-	-	3,30,795.00	-	22.07.19 & 03.02.20	
6	Design, analysis, Fabrication and Testing of Advanced Lightweight Torpedo Battery. Shell with Metallic End Flanges	NSTL	Dr.H.N.Narasimha Murthy	Mech	4,86,906.00	-	-	4,86,906.00	-	22.07.19 & 03.02.20	
7	Investigation of Tribological Performane of Laser Surface Texturednickel Aluminium Bronze for Landing Gear Applications	ARDB	Dr.Bharatish A	Mech	14,19,130.00	-	-	9,95,130.00	4,24,000.00	11.09.19	
8	Surya Mithra Funds		HoD EEE	EEE	7,88,704.00			7,88,704.00			
9	Collaborative Development Project under modules: 1. Mobile Phone based application. 2. Web based application.	National Silkworm Seed Organization, Central Silk Board	Dr. Chethana R Murthy	ISE	7,00,000.00	-	-	6,30,000.00	70,000.00	10.10.19 Rs.495000 & 18.12.19 Rs.135000	Rs.70000 TDS
10	CARS project	NSTL	Dr.H.N.Narasimha Murthy	Mech	1,05,911.00	-	-	1,05,911.00		24.10.19	
11	INSPIRE Internship Science camp	DST	Dr.Vidya Niranjan	BT	8,00,000.00			8,00,000.00	-	29.11.19	
12	Genetic Enhancement of Mulberry by Genomics Approaches. A multi-component network project (Equipment)	DBT, Ministry of Science & Tech	Dr.Vidya Niranjan	BT	6,00,000.00	-	6,00,000.00	6,00,000.00	-	05.12.19	
13	Nanoparticle Based Immobilization of Bovine carbonic anhydrase for environmental CO2 sequestration	VGST	Dr.Sumathra	BT	5,00,000.00			5,00,000.00		12.12.19	
14	Electro static energy harvesting for self powered medical wearable devices	VGST	Dr.Shilpa D R	ECE	5,00,000.00			5,00,000.00		17.12.19	
15	High performance self cleaning solar PV microgrid	VGST	Dr.Prema V	EEE	5,00,000.00			5,00,000.00		17.12.19	



Sl No.	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2019-20	Released during 2019-20	Anticipated Grants	Date of Receipt	Remarks
16	Experimental investigation of damage monitoring in sandwich structure using vibration data for aircraft application	ARDB	Dr.P R Venkatesh	Mech	8,44,100.00	-	-	7,69,100.00		02.01.20	
17	Research project on "Evaluation of Thermal residual stresses due to laser ablation of tantalum carbide coatings.	DST, GoI	Bharatish A	Mech	19,70,100.00	12,85,000.00	6,85,100.00	5,20,000.00	1,65,100.00	03.01.20	
18	Carbon based nano composite mixed matrix membranes for desalination	Science & Technology	Dr.Rajalakshmi Mudbidre (Ms.Kavitha J)	Chemical	17,60,000.00	11,10,000.00	6,50,000.00	6,50,000.00	-	31.03.20	
Grand Total Rs.					1,20,45,646.00	-	-	1,00,05,711.00	6,09,935.00		



Dated: 14 March 2019

F.No B-39/RIFD/RPS/Policy-1/2017-18

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



RPS - Sanction Order

To

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110070.

Sub : Release of a sum of Rs. 1368165/- being the 1st installment of the total grant of Rs. 1389000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of Rs. 1368165/- (Rupees Thirteen Lakh Sixty Eight Thousand One Hundred Sixty Five only) as 1st installment out of a total approved grant-in-aid of Rs. 1389000/- for conduct of a Project under the Research Promotion Scheme (RPS), as per details given below:-

- I. Name and address of the Beneficiary : R.V. COLLEGE OF ENGINEERING
Institution (University / College / Institution) R.V. VIDYANIKETAN POST, MYSORE ROAD, BANGALORE URBAN BENGALURU- 560059
- II. Principal Investigator's Name & : Dr. RAVISHANKAR S ELECTRONICS AND
Dept./Course COMMUNICATIONS ENGINEERING
- III. Grant-in-aid Sanctioned : Rs. 1389000/- (Rs. 1180650/- for non-recurring and Rs. 208350/- for recurring expenditure)
- IV. Grant-in-aid Released as 1st Instalment : Rs. 1368165/- [(Rs. 1180650/- Full amount of non-recurring)+(Rs. 187515/-90 % of recurring sanctioned)]
- V. Duration : 3 Years
- VI. Title of the Project : DEVELOPMENT OF COMPACT C-BAND DUAL SHAPED GRADED INDEX LENS-ARRAY ANTENNA

Terms and conditions

I. General:

1. The sanctioned grant-in-aid is debitible to the major "601.1(a) (RPS)" Gen. and is valid for payment during the financial year 2018-19.
2. The grant-in-aid shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the Registrar/Director/Principal of R.V. COLLEGE OF ENGINEERING through RTGS/PMFS.
3. The grantee institution shall open a separate account in a Bank to keep and maintain grant-in-aid released under Research Promotion Scheme. This would enable to keep a track of funds received, drawn by the Institute, interest earned.
4. The accounts of the grantee will be opened for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them.
5. The Principal and PI of the institute are requested to verify the correctness of the under mentioned bank account/RTGS/PMFS details submitted by them along with the Proposal, in which the grant is being released. In case of any omission/deletion, the same should be reported to AICTE immediately along with refund of entire grant -

AQIS Application Id: 1-3548465704

Page No: 1

RVF 1261/19-20
30-4-19

Principal / AIC / RRP / Sano / 2c
30/4

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAT R0758 A	KOTAK MAHINDRA BANK	R V College of Engg.	RVCE Campus, 8th Mile, Mysore Road, Bangalore - 560 059	Principal, RVCE	Saving Account	136010112055	KKBK 00080 53

II. Disbursement of grant-in-aid to the Institute

1. First Installment comprising 100% of the non-recurring grant with 90% of sanctioned recurring grant is being released with this letter. The remaining 10% of the recurring grant shall be reimbursed to the beneficiary Institute only after Institute has submitted all the mandatory documents for each financial year (details given below) and submitted Project Completion Report in AICTE prescribed formats and other documents and on verification of utilization of grant Head-wise.

III. Utilization of grant-in-aid

1. The date of receipt of the grant by Institute shall be taken as the date of commencement of the project. The Registrar/Director/Principal of the Institute shall intimate receipt of the grant to AICTE. If the Institute/ PI do not take-up the project work within 6 months of the receipt of the grant, approval shall *ipso facto* lapse and the Institute shall become liable to refund the entire grant to AICTE along with interest.
2. Any Expenditure, incurred prior to issuance of this Sanction Order, is not allowed to be adjusted. The Institute/University shall not charge any overheads on this Project and will provide all the administrative support and timely release of grant to PI for completion of the Project.
3. The grantee shall utilize grants strictly for the purpose as specified and only on approved items as mentioned in the Sanction letter and maintain proper accounts of expenditure as per norms / procedures of AICTE / Government of India.
4. Grantee institution must follow GFR guidelines and rules in procuring sanctioned items and maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets by the Institute in the prescribed form i.e. GFR-19. GOI GFR rules are at <https://doe.gov.in/order-circular/general-financial-rules2017-0>.
5. Re-appropriation of funds from one Head to another i.e. from Non-recurring to recurring and vice versa is strictly not permitted.
6. The equipment(s)/item(s) purchased from out of non-recurring should be as per the specifications and individual item-wise costs sanctioned by AICTE. Item-wise purchase cost shall be matched with the sanctioned cost while settling the accounts. The purchase cost below the sanction cost shall be restricted to actual cost, and in vice versa restricted to sanctioned cost and over and above cost shall be met by the Institute from its own resources.
7. Similarly, the recurring grant shall be utilized for the items sanctioned by the AICTE. This should not be used for travel abroad to attend Conference / seminars. However, for presenting a Paper in a Seminar / Conference within the country, the travel expenses may be met from the recurring grant. Further, expenditure incurred towards hiring of staff on contract basis shall be considered only if the same was recommended by the Experts and approved by AICTE. No budget be utilized for hiring permanent staff.
8. Interest accrued on the sanctioned grant-in-aid will be reported and refunded back to AICTE and not adjusted against the subsequent second installment. Similarly, unspent amount should also be refunded. Both should be refunded to AICTE through a demand draft in favour of 'Member Secretary AICTE' payable at New Delhi.

IV. Submission of mandatory documents by the Institute / PI:

1. The following documents, in the prescribed format, are required to be submitted to AICTE by the PI/Institute, as per time schedule given below: -
 - (i) Acknowledgement of receipt of grant and letter of acceptance of terms and conditions.
 - (ii) Documents to be submitted within one month of completion of each financial year.
 - a. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
 - b. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
 - c. Audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets in the prescribed form i.e. GFR-19.

- d. Separate Bills/vouchers related to Non-recurring and recurring expenditures duly signed & stamped by the PI & Head of the Institution.
- e. Stock entry register duly verified by the Store-in-charge and PI & counter signed by Head of institution.
- (iii) Documents to be submitted within two month of completion of the Project.
 - a. Consolidated Utilization Certificate (UC), duly audited.
 - b. Duly audited statement of expenditure mentioning Head-wise break up of expenditure made from the grant-in-aid provided by the Council.
 - c. Project Completion Report duly signed & stamped by PI & Head of the Institution with PEC recommendation.
 - d. Feedback form in AICTE format.

*Prescribed formats of mandatory documents may be downloaded from www.aicte-india.org/schemes/research-innovations-development-schemes.

V. Request for Recast / Additional grant:

1. No request for additional grant over and above the sanctioned grant shall be considered by the AICTE. The additional amount, if any, expended beyond the sanctioned grant shall be met by the Institute from its own resources.
2. In case the grantee wishes to recast the Project, approval of Council must be obtained for the revise item of expenditure. The revise proposal should be within the total grant sanctioned by AICTE and duly supported with reasons and recommendations of the Project Evaluation Committee.

VI. Constitution of Project Evaluation Committee:

1. The Institute must constitute a Project Evaluation Committee in the manner and for the purpose as defined in the RPS guidelines. PEC must regularly vouch progress of RPS project as also make recommendation etc. in APRs and PCR furnished by the Institute / PI.

VII. Others:

1. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education.
2. RPS project must be completed within the sanctioned time-limit. No extension shall be granted otherwise recommended by the PEC and approved by AICTE. Expenditure incurred beyond the project period shall not be entertained and claims shall accordingly be settled.
3. For all other issues including issues concerning change of PI or Institute etc., the grantee shall follow the terms and conditions of Research Promotion Scheme (RPS) as laid down by the Council from time to time.
4. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and principles of the Scheme.
5. The Institute should strictly observe all the terms & conditions contained in the Scheme details under AICTE AQIS 2017-18.

VIII. List of approved equipments :

S.No.	Name of sanctioned equipment(s)
1	RF Substrates
2	Connectorized Phase Shifters
3	RF Power Dividers Connectorized
4	RF Interconnect cables
5	Polypropylene / Teflon Dielectric Rods
6	Cordierite Dielectric Rods
7.	DA 12-100 Mg-Ca-Ti Rods
8	SMA-N, SMA-SMA Interconnects



Dated: 14 March 2019

F.No 8-39/RIFD/RPS/Policy-1/2017-18

Yours sincerely,

Dileep N. Malkhede
Advisor (RIFD)

Copy forwarded for information and necessary action to:

1. Registrar / Director / Principal
Dr. K N Subramanya
R.V. COLLEGE OF ENGINEERING
R.V. VIDYANIKETAN POST, MYSORE ROAD, BANGALORE URBAN
BENGALURU- 560059
2. Name and Address of Principal Investigator
Dr. RAVISHANKAR S
R.V. COLLEGE OF ENGINEERING
R.V. VIDYANIKETAN POST, MYSORE ROAD, BANGALORE URBAN
BENGALURU- 560059
3. OFFICE OF DIRECTOR GENERAL OF AUDIT
GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI- 110002
4. Guard File

AQIS Application Id: 1-3548465704

AQIS Application Id: 1-3548465704

Page No: 4

Grams: 'ENESTIEL'
Phone : 0891-2586259
Fax : 0891-2559464



Naval Science & Technological Laboratory
Defence Research & Development Organization
Government of India, Ministry of Defence
Vigyan Nagar,
VISAKHAPATNAM-530 027 (A.P.)

No. NSTL/CARS/NST-208/2018-19/1

Date: 28th May 2018

CARS - Performance of underwater Torpedo shells under Hydrostatic loading by experimental and coupled analysis (Thermal & Hydrostatic pressure loading)

This Contract for Acquisition of Research Services (CARS) is hereby executed between President of India acting through Director, Naval Science and Technological Laboratory, Visakhapatnam and R V College of Engineering, Bangalore for providing research services as per the terms and conditions set out in Annexure-2.


1.	NAME AND ADDRESS OF DRDO Lab. (Customer)		Naval Science & Technological Laboratory (Defence Research & Development Organisation) Ministry of Defence, Govt. of India, Vigyan Nagar, Visakhapatnam - 530 027		
2.	NAME AND ADDRESS OF THE RSP (Research Service Provider)		Dr. H N Narasimha Murthy, Professor & Head Department of Mechanical Engineering R V College of Engineering Mysore Road, Bengaluru-560059		
3.	Total Estimated Cost (Rs.) (including all taxes)		Rs.5,31,000 (Rupees Five Lakhs Thirty one Thousand only)		
4.	Start Date	Duration	Probable Date of Completion	28-05-2018	06 Months 27-11-2018
5.	Payment Schedules		Time Schedules	Amount (Rs.)	
	Initial Advance (20% of Total Cost)			1,06,200	
	Milestone - 1 (50% of Total Cost)		4 Months from start	2,65,500	
	On submission of final report (30% of Total Cost)		6 Months from start	1,59,300	
6.	Contractors Price bid Reference No. & Date		RVCE/ME/540/18-19 dated 16-05-2018		
7.	Nature of Work		Performance of underwater Torpedo shells under Hydrostatic pressure loading by experimental and coupled (Thermal and Hydrostatic pressure loading) analysis		
8.	Description of Work		Investigate the strains induced by the head flux and the hydrostatic pressure by numerical analysis of full torpedo and validation of numerical results with the experimental results of temperature profile and the strains due to hydrostatic pressure.		
9.	Scope of work / Payment Schedules / Deliverables		As per Appendix -A		

For & on behalf of the President of India	For & on behalf of the Contractor
 PD (ALWT)	

Project Director
ALWT

13

Summary Offer of Provision of Research Services

1. Title: DRDO's Research Service Qualitative Requirement (RSQR): Performance of Underwater Torpedo Shells under Hydrostatic pressure loading by Experimental and Coupled (Thermal and Hydrostatic pressure loading) Analysis			Offer Number: RVCE/ME/540/ 15-19 Date Received: 16 May 2018 Revised on:
2. RSQR Document Ref. No.:	Date of Issue YY MM DD 2018 04	Issuing DRDO Lab/Estt/Project: NSTL, Vishalhapatnam	Remarks of RSQR Initiator:
3. a) Name of Research Service Provider (RSP) making this offer: Dr. H N Narasimha Murthy, Professor and Head, Department of Mechanical Engineering, R V College of Engineering, Mysuru Road, Bengaluru - 560 059, Karnataka		4. RSP's Ref. No.:	Judgement of OEC:
3. b) RSP's address for correspondence: Dr. H N Narasimha Murthy Professor and Head, Department of Mechanical Engineering, R V College of Engineering, Mysore Road, Bangalore - 560 059, Karnataka Telephone: 080-67178020 Fax: 080-67178011 Email: hnimdatta@yahoo.com; hnimdatta@gmail.com		5. (a) Key Personnel of RSP to be deployed: 1. Dr. H N Narasimha Murthy 2. Dr. M Krishna 3. Amit R. Patil	5. (b) RSP's sub-contractors/consultants: a) Name: Institute / Company : Not applicable
6. Principal technical features of offer as related to RSQR : (Detailed in Appendix - A) - Enclosed			
7. DRDO-owned equipment that RSP requires to be positioned by DRDO (Detailed, With estimated costs, in attachment B): - Nil			
8. Estimated time to complete provision of research services and submit final report:		06 months from the date of sanction	
9.1 Estimated expenditure (as elaborated in reverse) on:		Rs. in lakh	
(a) Personnel - (@ Rs. 25000/- per month for six months)		1.500	
(b) Consumables / Equipment / Testing Services		1.640	
(c) Travel & Contingency		1.060	
(d) Institutional overheads		0.300	
Total:		4.500	
GST (@ 18 %)		0.810	
Grand Total		5.310	
9.2 Required schedule of payments (Rs. in lakh)		Date	Payment
(a) Initial advance		To	20.00 %
(b) at Performance Milestone I of RSQR		To + 4 Months	50.00 %
(c) at Performance Milestone III of RSQR / On submission of Final Report		To + 6 Months	90.00 %
Total:		100.00 %	
10. References to R&D work being performed by RSP for Armed services/DRDO/other S&T (including foreign) agencies:		11. Offer as above valid till (date):	
		12. Signature of competent authority of RSP:  Name: Dr. K N Subramanya Designation: Principal Name of Institute: R V College of Engineering Mysuru Road, Bengaluru - 560 059	

For DRDO use

Instructions to fill this sheet are on the reverse. Please read them.

Send filled-in form to: The Director, NSTL, Vishalhapatnam, Bengaluru - 560 059

Contract for Acquisition of Research Services(CARS)

By Signature of authority identified at (11) below, DRDO here by contracts on the Research Service. Provider identified at(3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows:

1.Short title of Research Service to be provided: Design, Analysis, Fabrication and Testing of ALWT Composite Battery Shell with Metallic End Flanges		Contract Number:
In response to:		Date:
2.RSQR Document Ref No:	Date of Issue YY MM DD 2018	Issuing DRDO Lab / ESTT / Project: NSTL, Vishakhapatnam
3.Name and address of Research Service Provider (RSP): Dr H N Narasimha Murthy, Professor and Head, Department of Mechanical Engineering, R V College of Engineering, Mysuru Road, Bengaluru – 560 059, Karnataka		4.RSP's offer Ref. :RVCE / CARS / HAS Date: July 2018
5.(a) This contract will require a formal amendment if the following key professional are not available to RSP: 1. Dr. M Krishna, Professor and Dean - R & D , 2. Gangadhar Angadi Department of Mechanical Engineering, R V College of Engineering, Bangalore - 560059 (b) RSP is authorized to engage these professional as research consultants (names, Institutes / companies): Nil		
6.Principal technical features of Research Service to be provided (Detailed in Attachment – Appendix- A) Enclosed		
7.DRDO will make available the following DRDO – owned equipment to RSP(Detailed in Attachment B) - Nil		
8.The technical performance of this contract shall be complete when RSP submits the final report before (date):		
9.1 Expenditure on items below shall not exceed sums shown each		(Rs.inlakh)
(a) Personnel (@ Rs 25,000/- per month for six months)		1.500
(b) Consumables / Equipment / Testing Services		5.000
(c) Travel & Contingency		1.200
(d) Institutional overheads		0.300
Total:		8.000
Service Tax (@ 18 %)		1.440
Grand Total		9.440
9.2 Schedule of payment (Rs in lakh)	Date	Payment
(a) Initial advance (20%)	To	1.880
(b) at Performance Milestone I of RSQR (50%)	To + 4Months	4.720
(c) at Performance Milestone II of RSQR / On submission of Final Report (30%)	To + 6Months	2.840
		9.440
10.DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract: Dr. K N Subramanya, Principal, <i>Subramanya</i> R V College of Engineering, Bengaluru -560059 Principal RV College of Engineering (Sign over seal) Mysuru Road Bengaluru - 560059		11.Signature of L / E / P contract administrator: Name: Designation: Director, NSTL, Vishakhapatnam Address: Naval Science & Technological Laboratory (Defence Research & Development Organisation) Ministry of Defence, Govt. of India, VigyanNagar, Visakhapatnam – 530 027, Andhrapradesh

16th May 2019

To,
 Principal
 RV College of Engineering
 Bangalore - 560059

GRANT-IN-AID SCHEME OF AERONAUTICS R&D BOARD

Under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D(R&D) dated 12th Feb 1971 and in exercise of power delegated vide SI No. 3.1 of Gol, MoD letter No. DARO/DBFA/83226/M/01/2031/D (R&D) dated 30 Jul 2010 & DRDO/DBFA/83226/M/01 dated 05 Feb 2015 & MoD letter No. DRDO/DFMM/PL/83226/M/01/1174/D(R&D) dated 28 Jun 2018. I am directed to convey the sanction of the board for the following project for the year 2019-2020.

TITLE OF THE PROJECT: "Investigation of Tribological Performance of Laser Surface Texturednickel Aluminium Bronze for Landing Gear Applications"

SANCTION for the First year funds to be released during the year 2019-20 to the tune of Rs 9.9513 lakhs is accorded.

Principal Investigator (PI) : Dr. Bharatish A.
 Co-Principal Investigator : Dr. G.R. Rajkumar

2. Total estimated funds for the project is Rs 14.1913 lakhs. However, the same is subject to revision based on performance and review. The year-wise break-up is given below:-

Sl.No.	Budget Head	Funds required (in lakhs)	
		I year	II year
1.	Salary	3.720	3.720
2.	Equipments	5.130	----
3.	Consumable	0.6813	----
4.	Contingency	0.2200	0.220
5.	Travel	0.100	0.150
6.	Overheads	0.100	0.150
	Sub Total	9.9513	4.240
	Total	14.1913	

GrandTotal = Rs 14.1913 lakhs (Rupees Fourteen Lakh Ninteen Thousand One Hundred Thirty only)

21-26


12. Instruction and Conditions of Publication of Technical Papers related to this project is available in www.drdo.gov.in/drdo/boards/ardb/index.htm.
13. On completion of the projects, Closure Report along with copies of technical report for each Panel member and also one soft copy to Sectl. may be submitted within sixty days of completion of project along with Statement-2 (Statement of Expenditure) & Statement-3 (Utilisation Certificate) as per Annexure III of Grant-in-aids rules duly audited from the Audit Authority of Institution/organization signed in ink in duplicate.
14. PCDA (R&D), West Block V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned.
15. The expenditure will be debited to Major Head 2080 – Defence Services, R&D, Minor Head 004-Research/Research & Development and Code Head 852/02 (AR&DB Grant-in-aid) of Defence Services Estimates.
16. Contingent bill (in triplicate) duly completed and stamped may please be forwarded to us within 30 days for countersignature and onward transmission to PCDA (R&D), West Block V, RK Puram, New Delhi-110066 for payment.
17. This is issued with the concurrence of IFA (R&D), New Delhi vide their UO No: IFA/R&D/0031/AR&DB/20196/Vol-I/0208 dated 14/05/19.
18. Sanction code is MSRB/TM/ARDB/GIA/19-20/c/6 dated 16/05/19

(Signature)
 (Dr. Maitreyee Nanda)
 Secretary
 AR&DB

Copy to:-

- (1) Principal CDA(R&D), West Block V, RK Puram, New Delhi-110066
- (2) IFA (R&D), DRDO Bhawan
- (3) Dy. Director of Audit, Defence Services, Southern Command, Pune – 411 001
- (4) Principal Director of Audit, Air Force & Navy, 'M' Block, N. Delhi-110 001
- (5) Prof. Amol A Gokhale, Convenor TC (Former DS & Director DMRL, Hyderabad), Mechanical Engineering Department, IIT Bombay, Powai, Mumbai- 400076
- (6) Dr. Bharatish A, Asst. Prof, RV College of Engg, Bangalore – 560059
- ~~(7) Dr. G. R. Rajkumar, Asso. Prof, RV College of Engg, Bangalore – 560059~~
- (8) Dr DK Das (Co-ordinator M&M Panel), Sc 'G', DMRL, Kanchanbagh, Hyderabad - 500058
- (9) Dr. Manish Roy, DMRL Hyderabad - 500058

Control No: 616 (2019-2020)

Dr. h. N. Rajkumar MR Dpt


25/5

RVE/89/19-20
27.5.19

WSP
Comptroller
27/5/19



ASHOK SHIVAJIRAO & CO.
CHARTERED ACCOUNTANTS

No. 83, Sunkalpet Main Road,
Bangalore - 560 002.
M : 9845463746
E-mail : caash20@gmail.com

Statement of Expenditure (SOE)

Name of State	KARNATAKA
Program of the implementation Organization	R.V.COLLEGE OF ENGINEERING
Program Reference	SURYAMITRA SKILL DEVELOPMENT PROGRAM
Batch Starting Date	19.11.2018
Batch Ending Date	18.02.2019

Funds Details of NISE

Sl. No.	Sanction No.	Date of Sanction	Sanctioned Amount (Rs.)	Amount Released (Rs.)
NIL				

Expenses Details of R.V.College of Engineering

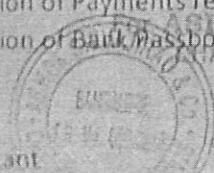
Sl. No.	Particulars	Payment status		Expenditure incurred (Rs. In Lakhs)
		Paid Rs. In Lakhs	Payable Rs. In Lakhs	
1.	Course Fees to the Institute	1.52 Lakhs	6.10 Lakhs	7.62 Lakhs
2.	Assessment Fees	0.24 Lakhs (Paid from NISE to SCGJ)		--
3.	Boarding and Lodging	0.65 Lakhs	7.45 Lakhs	8.10 Lakhs
Total		2.17 Lakhs	13.55 Lakhs	15.72 Lakhs
Total CFA release from NISE-30% of		---	---	NIL
Interest accrued of CFA released by NISE as advance		---	---	NIL
Balance to be released from NISE- 50% of		---	---	15.72 Lakhs

Certified that we have satisfied ourselves that the conditions on which the grants-in-aid was sanctioned are being fulfilled and that we have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kind of checks Exercised	Observations
Verification of payment vouchers	All the supporting vouchers relating to course fee, Assessment fee, boarding and lodging are verified
Verification of payment release advice	Payment vouchers are verified
Verification of passbook/pass sheet	Pass sheet of the Bank account No. 2212443552
Kind of Checks exercised.	

1. Verification of Payments Vouchers.
2. Verification of Payments release advises (PRA) register/ledger.
3. Verification of Bank Passbook/Bank Certificates

Chartered Accountant
UDIN: 20201736AAAAGU8248



(ASHOK. S)
Proprietor
M. No. 201736

(Head of Institute)

Training Program Seal & Signature
PRINCIPAL
RV COLLEGE OF ENGINEERING
BENGALURU - 560 059

GFR 12 - A
FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION
 UTILIZATION CERTIFICATE FOR THE YEAR 2017-18 in respect of recurring/non-recurring
 GRANTS-IN-AID

1. Name of the Scheme : Suryamitra Skill Development Program
2. Whether recurring or non-recurring grants: Non recurring Grants
3. Grants position at the beginning of the financial year
 - (i) Cash in Hand / Bank : NIL (Minimum Balance Rs.1000/- maintained).
 - (ii) Unadjusted advances: NIL
 - (iii) Total : 1,000/-
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received during the year (figure as at 31.03.2018) 1	Interest earned thereon 2	Interest deposited back to the Government 3	Grant received during the year 4			Total available funds (1+2-3+4) 5	Expenditure incurred 6	Closing Balances (5-6) 7
			Sanction No. (i)	Date (ii)	Amount (iii)			
NIL	NIL	NIL	NIL	NIL	NIL	NIL	15.72 Lakhs	15.72 Lakhs

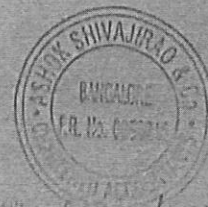
Component wise utilization of grants -

Grant-in-aid - General	Grant-in-aid - Salary	Grant-in-aid - Creation of capital assets	Total
15.72 Lakhs	---	NIL	15.72 Lakhs

Details of grants position at the end of the year

- (i) Cash in Hand / Bank : Rs.1000/- minimum balance maintained
- (ii) Unadjusted Advances : NIL
- (iii) Total: 1,000/-

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:





RV Educational Institutions
RV College of Engineering

Autonomous
Institution Affiliated
to Visvesvaraya
Technological
University, Belagavi

Approved by AICTE,
New Delhi, Accredited
By NAAC, Bengaluru
And NBA, New Delhi.

DEPARTMENT OF ELECTRICAL
&
ELECTRONICS ENGINEERING

Phone: 080 - 67178019
080 - 67178050
Fax: 080 - 28601337
Email: hed.eee@rvce.edu.in
Website: www.rvce.edu.in
Office of the Principal
R.V. Vidyaniketan Post,
Mysuru Road,
Bengaluru-560 059

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under Suryamitra IOM Professional (name of the scheme) has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure-1 duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at GFR 19A duly enclosed.
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries is enclosed as GFR 19A
- (x) **NOTE:**

Enclosed : Annexures I, II, IIIA and B

Chartered Accountant
With Seal impression



Date: 09.09.2020

Place: Bangalore

For ASHOK SHIVAJIRAO & Co.
CHARTERED ACCOUNTANTS
F.R. No. 0060215

(ASHOK. S)
Proprietor
M. No. 201736

[Signature] 11/9/20
Head of Organization
with Seal impression

PRINCIPAL
RV COLLEGE OF ENGINEERING
BENGALURU - 560 059

UDIN: 20201736AAAAGU8248



RV Educational Institutions
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By NAAC, Bengaluru
And NBA, New Delhi

DEPARTMENT OF ELECTRICAL
&
ELECTRONICS ENGINEERING

Phone: 080 - 67178049
080 - 67178050
Fax : 080 - 28600357
Email:
hod.eee@rvce.edu.in
Website: www.rvce.edu
Office of the Principal
R.V. Vidyaneketan Post
Mysuru Road,
Bengaluru-560 059

Date: 10.09.2020

To,
Director,
NISE
Hayrana, New Delhi.

Sub: Regarding Security refund declaration

With reference to the above, this is to bring your kind notice that the Institution has neither collected any deposit amount of Rs. 1000/- from the students nor refunded back the amount to the students for the Vth batch starting date: 19.11.2018 to 18.02.2019.

This is for your kind information.

Ik K. Uma

Head of Department
Suryamitra Co-Ordinator

Prof. & Head
Department Electrical
Electronics Engineer
R.V. College Engineering
Bangalore - 560 059

2019-20
(6)

PROJECT PROPOSAL:

**DEVELOPMENT OF A MOBILE PHONE BASED APPLICATION FOR
MONITORING OF INSPECTION BY SA/SO AND WEB BASED
REGISTRATION / RENEWAL PROCESS UNDER CENTRAL SEED ACT**

(Collaborative-Developmental Project)

Collaboration with: R V College of Engineering, Bengaluru



**NATIONAL SILKWORM SEED ORGANIZATION
CENTRAL SILK BOARD
BENGALURU**

PART I: GENERAL INFORMATION

1.	<i>Name of the Institute / University / Organization submitting the Project Proposal</i>	:	National Silkworm Seed Organization Central Silk Board BTM Layout, Madiwala, Bengaluru-68
2.	<i>Status of the institute(s)</i>	:	-
3.	<i>Name(s) and designation (s) of the Executive Authority of the Institute / University forwarding the application</i>	:	Dr. R.K. Mishra, Director
4.	<i>Project Title</i>	:	Development of a mobile phone based application for monitoring of inspection by SA/SO and web based registration / renewal process under Central Seed Act
	<i>a) Title of the Experiment – 1</i>	:	Development of Android Mobile application for Monitoring of Inspection under Central Seed Act
	<i>b) Title of the Experiment – 2</i>	:	Development of Web application for Registration and Renewal of Registration as Silkworm Seed Cocoon Producers, Chawki Rearers and Silkworm Seed Producers
5.	<i>Category of the Project</i>	:	Collaborative-Developmental Project
6.	<i>Specific Area</i>	:	Silkworm Seed Production
7.	<i>Duration</i>	:	12 months
8.	<i>Total cost</i>	:	Rs. 7.75 lakhs
9.	<i>Is the Project single institutional or multi-institutional</i>	:	Multi-institutional (Collaborative)
10.	<i>If the Project is multi-institutional, please furnish the following: Name, Designation and Address of the Project Co-ordinator.</i>		Dr. R.K. Mishra, Director National Silkworm Seed Organization Central Silk Board Bangalore

11. Project Summary

As per the provisions of Central Seed Act, it is mandatory that any person or firm involved in the business of producing silkworm seed cocoons, commercial silkworm seed or rearing young age silkworm needs to be registered. The registration is valid for a period of 5 years and need to be renewed every 5 years. The registered producers are bound to follow quality guidelines and self certify their products. The registration process involves submission of details in a prescribed format, along with proof of being matriculate pass in the case of seed producers and chawki rearers, a fee of Rs. 100/- paid to the designated account *etc.* as specified in the application. The process of registration is currently being carried out manually at the Central Seed Act Secretariat at Bangalore, which is time consuming.

Under the Central Seed Act, the processes at the level of producers are monitored through two layered mandatory inspection by specially nominated Seed Analysts (SA) and Seed Officers (SO) drawn from Central Silk Board and State Sericulture Departments. While the SAs conduct mandatory system certification by inspecting the producers' premises at least once a year, the SOs conduct product certification inspecting at least once a quarter. The SAs and SOs submit the reports to the Chairperson, Registration Committee for further analyses. As of now, there are 343 SOs and 135 SAs nominated for the purpose, across the country. Their geographical jurisdiction is demarcated and the list of registered producers belonging to such jurisdiction is linked from time to time to the concerned SA and SO. However, the inspections and the submission of reports are often irregular, affecting the entire monitoring process.

To enable quick and hassle-free registration process and to ensure seamless mandatory inspections, the present project is proposed. The project is aimed at preparing a user friendly web based platform for online registration of the producers and developing a Google enabled mobile/android based real time reporting system by the SAs and SOs.

The outcome of the project would help in reducing the drudgery involved in processing the physical application forms for registration apart from reducing the time lag involved in the process of registration. Further, the project will enable timely inspections, real time reporting and analyses of information. The application would also help in collection of quarterly returns from the RSPs and RCRs without time delays.

PART II: PARTICULARS OF INVESTIGATORS

1.	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	:	Dr. R. K. Mishra Male Project Coordinator & Collaborator Director National Silkworm Seed Organization, Central Silk Board, Bangalore-68
EXPERIMENT -1			
4.	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department/Institute / University: Address	:	Dr. K. Sashindran Nair 20-04-1964 Male Principal Investigator Scientist D National Silkworm Seed Organization, Central Silk Board, Bangalore-68
5.	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	:	Shri. V.K. Harlapur 10-10-1966 Male Co- Investigator Scientist D National Silkworm Seed Organization, Central Silk Board, Bangalore-68
6.	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	:	Dr. Chethana R Murthy 04 - 04 - 1981 Female Principal investigator Assistant Professor Department of Information Science & Engg R V College of Engineering, Bengaluru
7.	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	:	Prof. Anisha B. S 02 - 07 - 1987 Female Co-investigator Assistant Professor Department of Information Science & Engg R V College of Engineering, Bengaluru
8.	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	:	Prof. Rajashekara Murthy S 17 - 05 - 1975 Male Co-investigator Associate Professor Department of Information Science & Engg R V College of Engineering, Bengaluru - 59

EXPERIMENT -2		
9	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	: Dr. G. Srinivasa 20-08-1964 Male Principal Investigator Scientist D National Silkworm Seed Organization, Central Silk Board, Bangalore-68
10	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	: Ms. P.K. Kalpana 12-01-1967 Female Co- Investigator Scientist D National Silkworm Seed Organization, Central Silk Board, Bangalore-68
11	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	: Dr. Mamatha G S 20 - 08 - 1977 Female Principal Investigator Associate Professor Department of Information Science &Engg R V College of Engineering, Bengaluru - 59
12	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	: Dr. Chethana R Murthy 04 - 04 - 1981 Female Co-investigator Assistant Professor Department of Information Science &Engg R V College of Engineering, Bengaluru - 59
13	Name: Date of birth Sex Indicate whether Principal Investigator / Co-investigator Designation Department Institute / University: Address	: Dr. Srinivasan 17 - 04 - 1955 Male Co-investigator Professor Department of Information Science &Engg R V College of Engineering, Bengaluru - 59

PART III: TECHNICAL DETAILS OF PROJECT

15. Introduction:

15.1. Origin of the Proposal / Rationale of the Study:

Silkworm seed sector is considered to be the most crucial link in the entire chain of the sericulture. Most of the seed producing and chawki rearing units are micro enterprises having low investment capacity. Obviously, the quality adherence cannot be ensured due to the possible unfair practices followed in these units. Presently in India, a considerable quantity of bivoltine hybrid seed is produced and chawki reared leading to the production of superior grade raw silk using the advanced technology. Superior quality raw silk can be produced only by following best industry practices for which the quality of seed produced and supplied should be of high quality. It is in this context, the Central Silk Board (Amendment) Act, 2006 was promulgated making it mandatory for the silkworm seed producers, chawki rearers and seed cocoon producers to register themselves and follow the regulations meticulously.

The provisions of the Act make it mandatory that silkworm seed should be protected from adulteration and quality deterioration. For this, it is important that production, possession and distribution of silkworm seed are continuously monitored. As the first step in this direction, those who are involved in seed production and distribution (including chawki rearers and seed cocoon producers) are registered subject to certain terms and conditions as stipulated under the Central Silk Board Silkworm Seed Regulations, 2010. Currently, the registration process is time and high cost consuming process, as it is carried out manually. So, it is intended to make the process of registration hassle free by processing the applications electronically.

15.2. Definition of the Problem:

During the last two decades, a sizeable number of seed production / CRC units have been established and the technology has been well accepted in the field as indicated by the huge demand for establishment of these units under the seed sector. But there is no comprehensive information on the operations of these units except the enumeration part. Hence, the constant evaluation and performance auditing of these units are required in order to ensure that the standard operating procedure is stuck to, diligently and stipulated product quality is maintained. This would also make it possible to know the status of Indian silkworm seed sector at any given

point of time, which would play a key role in target setting and production planning.

15.3. Relevance to the Current Issues and Expected outcome:

The amended Central Seed Act has already made a significant impact on the sericulture industry by streamlining the process involved in the production, possession and distribution of silkworm seed. It has also created a strong backward linkage by way of creating demand pull for high quality of bivoltine seed cocoons in huge quantities and a strong forward linkage by way of supplying superior grade raw silk in bulk quantities. Establishment of more large scale consumption units (ARMs) are expected in the near future, ensuring sustained demand of high quality reeling cocoons.

The project aims at developing two extremely useful software interface which would 1) help in reducing the processing time of applications substantially and issue of registration certificates and 2) help in seamless mandatory on-site inspections by SAs and SOs and real time reporting. The inspection process would encompass most exhaustive details of the registered producers with documentary evidences by way of geo-tagging and photographs capturing. The outcome of the project would help in better understanding of the common shortcomings that the seed sector suffers from, so that effective common remedial measures can be implemented and the benchmark standards of the silkworm seed in general can be maintained. The outcome would also help in the assessment of seed quality, estimation of quantity and requirement of raw material such as bivoltine seed cocoons, parent seed, hybrid DFLs, chawki reared worms, hybrid cocoons, etc, which are the key inputs in planning to meet the raw silk requirement of the country at given intervals.

15.4. Objectives:

The specific objectives of the project are as follows:

- To develop a mobile phone based application with back end web integration for guiding and collecting various data, real time reporting and monitoring.
- To develop a web based online registration system for the seed producers, chawki rearers and seed cocoon producers.

16. Review of Status of Research and Development on the subject:

There has been no study reported on the on-line registration and reporting system in the field of sericulture as on date. However, in social studies such as marketing, feedback collection, HRD studies, financial sector, etc, such on-line reporting platforms are in place and are working efficiently.

16.1. Importance of the Proposed Project in the context of Current Status:

The silkworm seed producers and Chawki rearers have already created a demand for high quality cocoons in the market especially for bivoltine thus giving a boost to the already established bivoltine sericulture. Development of web based registration system would speed up the process of bringing in more and more enthusiastic entrepreneurs to the seed sector at a much faster pace. The system certification by SAs and product certification by SOs would be much more prompt and easy, enabling the producers to adhere to the quality standards as stipulated in the Act.

16.2. Anticipated Products, Processes/Technology Packages, Information or other Outcome from the Project and their Expected Utility:

The outcome of the project would help in streamlining the registration process and cutting short the processing time substantially which would also reduce the drudgery to a great extent. All the nominated SAs and SOs would be able to accomplish the mandatory inspections as per the time line set and the reporting would be seemingly effortless. The provision for capturing quarterly production returns at the level of RSPs and RCRs would help in consolidating the national level production data which would be useful in estimating the seed requirement, raw material requirement, etc.

16.3. Expertise available with Proposed Investigation Group / Institution on the subject of the Project:

The proposed investigating team at Central Silk Board has got enough experience in the field of implementation of Central Seed Act, setting quality standards, monitoring production efficiency and debottlenecking technical glitches with respect to matters related to silkworm seed production. The investigator group from RVCE are professionals in IT/Computer Programming. Hence, it is capable of handling and carrying out the proposed project to achieve the set objectives.

16.4 Work Plan:

16.4.1 Methodology & Organisation of Work Elements:

The mobile based app and on-line registration software would be developed at RVCE with technical support by NSSO (CSB). Different components/steps of the app/registration software include the following:

- Preparation of software
- Software Finalisation
- Testing , validation and fine tuning of software/app
- Final report submission
- Utilization of the software/app

16.4.2 Proprietary / Patented Items, if any, expected to be used for this Project:

Software and Mobile app developed will be jointly held/registered with Central Silk Board and R.V. College of Engineering.

16.4.3 Suggested Plan of Action for Utilization of the Expected Outcome from the Project:

The mobile app and the registration software will be utilized for real time inspections of the RCRs/RSPs and quick registration/renewal of registrations.

16.5. Time Schedule of Activities giving Milestones

#	Milestone / Activity	Expected Date of		Expected Outcome/ visible /measurable indicators
		Startin g	Completion	
1	Preparation of the software and the programme	1 st month	3 rd month	Utilization of the software package/Mobile app
2	Testing, fine tuning & validation of the programme	4 th month	6 th month	
3	Launching of app/software	7 th month	8 th month	

PERT Chart

Activity / Month	1	2	3	4	5	6	7	8	9	10	11	12
Preparation of the software and the programme												
Testing, fine tuning & validation of the programme												
Launching of app /software												

16.6. Project Implementing Agency/ Agencies:

Name of the Agency	Address of the Agency	Proposed Research Aspects	Proposed Amount (Rs)	Cost Sharing %
National Silkworm Seed Organization	Central Silk Board, BTM Layout, Madiwala, Bengaluru	Software/Mobile app development and application	7.75 lakhs	100 %
RV College of Engineering	Mysore Road, Bengaluru		--	--

PART IV: BUDGET PARTICULARS**17. BUDGET (in Rupees)****A. Non-Recurring (e.g. equipments, accessories, etc.):**

#	Item	1st Year	Total
1	Laptop	50000	50000
2	Android based Tablet (07 nos.)	75000	75000
	Sub-Total A :	125000	125000

B. Recurring:**B1. Manpower:**

#	Position	Nos.	Consolidated Emoluments	1st Year	Total
1	Software Development fee for RVCE	05	630000	-	630000
2	HRA	-	-	-	-
3	CCA	-	-	-	-
	Sub total B1 :		630000	-	630000

B2. Consumables:

#	Item	1st Year	Total
1	-	-	-
2	-	-	-
	Sub-total B2	-	-

Other Items:

#	Item	1st Year (Rs)	Total (Rs)
B3	Travel	20000	20000
B4	Contingency		
B5	Overhead charges		
	Sub-total (B1+B2+B3+B4+B5 etc.)	20000	20000

PART V: EXISTING FACILITIES**19. Available Equipment and Accessories to be Utilized for the Project:**

#	Name of the Equipment / Accessory	Make	Model	Funding Agency	Year of Procurement
1	-	-	-	-	-
2	-	-	-	-	-

PART VI: DECLARATION / CERTIFICATION

It is certified that

- a. The research work proposed in the project does not in any way duplicate the work already done or being carried out elsewhere on the subject.
- b. The same project has not been submitted to any other agencies for financial support.
- c. The emoluments for the manpower proposed are those admissible to persons of corresponding status employed in the institute/ university or as per the Ministry of science & technology guidelines (Annexure-III).
- d. Necessary provision for the project will be made in the Institute in anticipation of the sanction of the scheme.
- e. If the project involves the utilization of genetically engineered organism, it is agreed that we will ensure that an application will be submitted through our institutional bio-safety committee and we will declare that while conducting experiments, the bio-safety guidelines of the Department of Biotechnology would be followed *in toto*.
- f. If the project involves field trials / experiments/ exchange of specimens etc we will ensure that ethical clearances would be taken from the concerned ethical committees/ competent authorities and the same would be conveyed to the Department of Biotechnology before implementing the project.
- g. It is agreed by us that any research outcome or intellectual property right(s) on the invention(s) arising out of the Project shall be taken in accordance with the instructions issued with the approval of the Ministry of Finance, Department of Expenditure, as contained in annexure-V.
- h. We agree to accept the terms and conditions as enclosed in Annexure-IV. The same is signed and enclosed.
- i. The institute agrees that the equipment, the basic facilities and such other administrative facilities as per terms and conditions of the grant will be extended to investigators throughout the duration of the project.
- j. The institute assumes to undertake the financial and other management responsibilities of the project.



(Dr. R.K. Mishra)

Signature of Project co-coordinator



(Dr. K.N. Subramanya)

Signature of Executive Authority

Principal
RV College of Engineering
Mysuru Road
Bengaluru-560 059

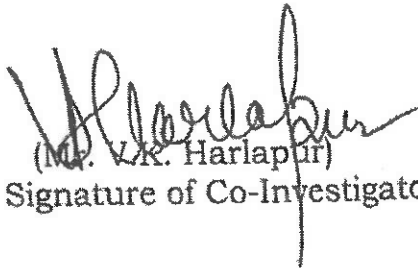
Experiment 1



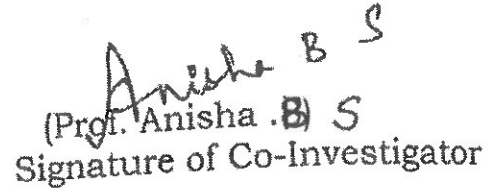
(Dr. K. Sashindran Nair)
Signature of Principal Investigator



(Dr. Chethana Murthy)
Signature of Co-Investigator



(Prof. V.K. Harlapur)
Signature of Co-Investigator



(Prof. Anisha B S)
Signature of Co-Investigator



(Prof. Rajashekara Murthy. S)
Signature of Co-Investigator

Experiment 2



(Dr. G. Srinivasa)
Signature of Principal Investigator



(Dr. Chethana^R Murthy)
Signature of Co-Investigator



(Ms. P.K. Kalpana)
Signature of Co-Investigator



(Dr. Mamatha. G.S)
Signature of Co-Investigator



(Dr. Srinivasan)
Signature of Co-Investigator

Contract for Acquisition of Research Services (CARS)

2019-20

(7)

By Signature of authority identified at (1) below DRDO hereby contracts with the Research Service Provider identified at (3), the provision of the Research Service described at (6) within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf as follows:

1. Short title Research Service to be provided:
Strain Measurement of Leading Platform of PLWT

Contract Number:
 Date:
 4. RSP's offer Ref:
 Date: 08.12.2018

In response to:

2. RSQR Document Ref No	Date of Issue			Issuing DRDO Lab/EST/Project NSTL, Vishakhapatnam
	YY	MM	DD	
	2019			

3. Name and address of Research Service Provider (RSP):
 Dr H N Narasimha Murthy
 Professor and Head
 Department of Mechanical Engineering
 KV College of Engineering
 Mysuru Road, Bengaluru - 560 059, Karnataka

5. (a) This contract will require a formal amendment if the following key professional are not available to RSP:
 (b) RSP is authorized to engage these professional as research consultants (names, institutes/companies) :-

6. Principal technical features of Research Service to be provided (Detailed in Attachment - Appendix - A) Enclosed
 7. DRDO will make available the following DRDO - owned equipment to RSP (Detailed in Attachment B) - Nil

8. The technical performance of this contract shall be complete when RSP submits the final report before (date):

9.1 Expenditure on items below shall not exceed sum shown each	(Rs in lakh)
(a) Personnel (@ Rs. 35000/- per month for five months)	2,10,000.00
(b) Consumables / Equipment / Testing Services	1,50,000.00
(c) Travel & Contingency - Investigators and Experts for Review - Regulatory Authorities	1,00,000.00 50,000.00
(d) Institutional overheads	
Total:	5,10,000.00
Service Tax (@ 18%)	91,800.00
Grand Total	6,01,800.00

9.2 Schedule of payment (Rs in lakh)

	Date	
(a) Initial advance (20%)	To	1,20,360.00
(b) at Performance Milestone I of RSQR (50%)	To + 3 months	3,00,900.00
(c) at Performance Milestone II of RSQR / On submission of Final Report (30%)	To + 6 months	1,80,540.00
	Total	6,01,800.00

10. DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract:

H. Narasimha Murthy
 Sign over seal (Dr. H N Narasimha Murthy)

11. Signature of LICP contract administrator
 Name: *[Signature]*
 Designation: Director, NSTL, Vishakhapatnam
 Address: Naval Science & Technological Laboratory
 (Defence Research & Development Organisation)
 Ministry of Defence, Coast of India, Vengal Nagar,
 Vishakhapatnam - 530 027, Andhra Pradesh

[Signature] (19) For
 (80)

79

2019-20 (8)

No. INSPIRE INTERNSHIP/7/2019-20/13
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
(INSPIRE PROGRAM)

Technology Bhawan
New Mehrauli Road
New Delhi-110 016

Date: 13th November, 2019

SANCTION ORDER

Subject: Financial assistance for organizing the INSPIRE Internship Science Camp (Ref. no. DST/INSPIRE/01/2019/000539) during 16-20 December, 2019 at R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka.

By: Dr. Vidya Niranjan, Professor and Head/Program Co-ordinator, Department of Biotechnology, R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka.

Sanction of the President is hereby conveyed for the organization of above mentioned INSPIRE Internship Science Camp for 150 students during 16-20 December, 2019 at R V College Of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka at a total cost, General component, not exceeding Rs. 9,75,000/- (Rupees Nine Lakh and Seventy-Five Thousand only)

2. Sanction of the President is also accorded to the General component release of Rs. 8,00,000/- (Rupees Eight Lakh only) to the R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka as the initial grant for organizing the above mentioned program and the final release will be made on receipt of Utilization Certificate and Statement of Expenditure from the host Institute.

3. It is certified that travel by Air/Rail/Road (Car/Taxi etc.) in this case is urgent and considered necessary in the public interest. The sanction of the President is also accorded to the performance of Journey by Air/Train (1st Class/AC2tier/AC3tier) /Road (Own Car/taxi etc.) by the participants as per their entitlement in their parent organization.

4. Host Institute will furnish financial records in the form of the Statement of Expenditure and Utilization Certificate duly reflecting the interest earned/accrued on the above received amount by them along with INSPIRE Internship Science Camp Completion Report to DST. After receiving these documents, DST will release the next/Final installment amount if applicable. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and final completion report within one year from the scheduled date of completion.

5. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts.

6. The expenditure involved is to be debited to
Demand No. 86 - Department of Science and Technology
3425 - Other Scientific Research (Major Head)
60 - Other (Sub-Major Head)
60.200 - Assistance to other Scientific Bodies (Minor Head)
65 - Science & Technology Institutional and Human Capacity Building
68.00.31 - Grant-in-aid General for the year 2019-2020 (Voted)
(Previous: 66.03.31 - Alliance and R&D Mission)

7. The amount of Rs.8,00,000/- (Rupees Eight Lakh only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the R V College of Engineering R V Vidyaniketan Post Kengeri, Bangalore-560059, Karnataka. The bank details for electronic transfer of funds through RTGS are given below: -

Name of the Account Holder: R V College of Engineering, Bangalore-560059, Karnataka
Bank Name: Kotak Mahindra Bank
Account No.: I36010112055
IFSC Code: KKBK0008053

Cont...2/-



The Principal; copy.

BT/TDS/121/SP20276/2016
Government of India
Ministry of Science & Technology
Department of Biotechnology

19-20 (9)
VN

Block 2, 6-8 Floors,
CGO Complex, Lodi Road,
New Delhi - 110003

Dated: 25.11.2019

ORDER

In continuation of this Department's sanction order of even number dated 04.06.2018, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for release of ₹ 6.00 lakhs (Rupees Six lakhs only) to RV College of Engineering (RVCE), Bangalore being the second release under Recurring heads for implementation of the above project as per breakup given below:

S. No.	Item	Amount (₹ in lakh)
Recurring:		
1.	Manpower	5.70
2.	Consumables	0.00
3.	Travel	0.04*
4.	Contingencies	0.26
5.	Overheads	0.00
Total:		6.00

* After re-appropriating an amount of ₹ 0.46 lakhs (₹ 0.45 lakh available as 'Interest Earned' + ₹ 0.01 lakh available as unspent balance under 'Equipment' head);

- The other terms and conditions governing the financial sanction will remain unaltered.
- The amount of ₹ 6.00 lakhs (Rupees Six lakhs only) shall be directly credited by PAO to the bank account of the **Principal, RVCE, Bangalore** through RTGS as per the following details:

Name of the Bank: Kotak Mahindra Bank, RVCE Branch, Bangalore
Account No.: 136010112055
IFSC Code: KKBK0008053
MICR Code: 560485068

- The expenditure involved is debit to Demand No. 87: Department of Biotechnology; 3425: Other Scientific Research (Major Head); 60: Others (Sub-Major Head); 60.200: Assistance to other Scientific Bodies (Minor Head); 29: Biotechnology Research and Development; 29.17: Assistance for Research and Development; 29.17.31: Grants-in-Aid General for the year 2019-2020.
- The copy of Utilization Certificate for the year 2018-2019 is enclosed. All the Utilization Certificates due for rendition have been received and accepted by the Head of Division / competent authority.
- The Competent Authority has allowed a sum of ₹ 3.31 lakhs to be carried forward to the current financial year 2019-2020.
- The **Principal, RVCE, Bangalore** will submit the audited Utilization Certificate and Statement of Expenditure in respect of the above-mentioned amount.
- In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent per annum thereon shall be recovered.

19-20/19

AeBs
23/12/19
7

23/12
RVCE/ES/13/25/13/19-20

Mohd. Arif

डा. मो. अरिफ़, Dy. NCHD, ASLAM
वैज्ञानिक सेवा, Science & G
बायोटेक्नोलॉजी विभाग, Ministry of Biotechnology
विद्युत और सूचना प्रौद्योगिकी विभाग, Ministry of Tech
आस पास, CGO कॉम्प्लेक्स, लोदी रोड, नई दिल्ली

9. As per rule 236(1) of GFR 2017, audit of account – the Accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPE) Act, 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the institution or Organization is called upon to do so.
10. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/2730/2019-2020 dated 19.11.2019.
11. This sanction order has been noted at Serial No. 82 in the Register of Grants.

Mohd. Aslam
(Dr. Mohd. Aslam)
Scientist 'G'

To,
The Pay & Accounts Officer,
Department of Biotechnology,
Ministry of Science & Technology,
CGO Complex, Lodhi Road,
New Delhi – 110003

डॉ. मोहम्मद अस्लम / MOHD. ASLAM
व्यवसायिक शास्त्री / Scientist 'G'
कृषि विभाग, भारत / Dept. of Biotechnology
विज्ञान विभाग, भारत / Min. Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

Copy to:

1. The Principal Director of Audit (Scientific Departments), AGCR Building, New Delhi – 110002
2. Cash Section, DBT (2 copies)
3. IFD, DBT
4. Sanction Folder
5. Prof. Vidya Niranjana, Associate Dean, Department of Biotechnology, RV College of Engineering, RV Vidyaniketan Post, Bangalore – 560059
- ✓ 6. The Principal, RV College of Engineering, RV Vidyaniketan Post, Bangalore – 560059

Mohd. Aslam
(Dr. Mohd. Aslam)
Scientist 'G'

डॉ. मोहम्मद अस्लम / Dr. MOHD. ASLAM
व्यवसायिक शास्त्री / Scientist 'G'

विज्ञान विभाग, भारत / Min. Science & Tech.
भारत सरकार, नई दिल्ली / Govt. of India, N. Delhi

2019-20

10

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Tele: 23007803

ARDB/01/1051937/M/1
Government of India,
Ministry of Defence,
Aeronautics R&D Board,
DRDO Bhawan, Rajaji Marg,
New Delhi-110 011

25th Oct 2019

To,
The Principal,
RV College of Engineering,
8th Mile, Mysore Road, RV Vidyaniketan Post,
Bangalore-560059

GRANT-IN-AID SCHEME OF AERONAUTICS R&D BOARD

Under the powers vested in the Aeronautics R&D Board vide Govt. of India, Ministry of Defence letter No. Aero/4806/5/69/105/S/D(R&D) dated 12th Feb 1971 and in exercise of power delegated vide SI No. 3.1 of Col, MOD letter no DRDO/DFMM/PL/83226/M/01/1174/D(R&D) dated 28 Jun 2018, I am directed to convey the sanction of the Board for the following project for the year 2019-20.

TITLE OF THE PROJECT: "Experimental investigation of damage monitoring in Sandwich Structures using vibration data for Aircraft Applications"

Principal Investigator : Dr PR venkatesh
Co- Principal Investigator : Dr Ramesh S Sharma
User/Domain Lab : ADE, Bangalore
Domain Scientist : Sh Ravishankar BN, Sc-'E'

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2. Total sanction for the project is Rs. 8.441 Lakhs. The first year fund is approved for release in FY 2019-20 is Rs. 7.691 lakhs. However, release of funds for subsequent year is subject to revision based on performance and review. The year-wise break-up is given below:-

<u>HEAD</u>	<u>1st Year (in lacs)</u>	<u>11nd Year (in lacs)</u>
Staff Salary	0.000	0.000
Equipment (Annex-1)	5.400	0.000
Consumable	1.413	0.450
Contingency	0.230	0.020
Travel	0.250	0.250
Overhead	0.380	0.030
<u>Total</u>	<u>7.691</u>	<u>0.750</u>
Grand Total: Rs 8.441 lakhs (Eight Lakh Forty Four Thousand One Hundred Only)		

3. Deliverables of the above prject are:

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- a) Modal testing procedure for structural damage assessment will be established and its capabilities will be validated by other NDT / FEA techniques.
- b) The threshold of the damage that can be detected by vibration data will be established in terms of normalized dimensions of a structure (such as ratio crack dimensions to major dimensions of the structure)


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PCDA
mer

- c) A testing method will be developed which is sensitive enough to not only typical damages, materials (such as cracks), but also to the damages specific to the internal structure of composites (delamination and interlaminar cracks, interface damages, etc.) and not occurring in homogeneous materials.
- d) A dedicated Vibration analysis lab will be setup in our campus for purpose of Training the Undergraduate & Post graduate students and offer consultancy in Structural Health Monitoring of composite structures.
- e) Sharing knowledge by way of Publications, teaming up in projects, R & D programs in achieving goals for efficient NDT of composite materials.

4. The outcome of this project will be significant in working out long term strategies to establish reliable performance of lightweight sandwich structures for aerospace applications. Further, publications in peer reviewed journals/conferences will be delivered. Funds for subsequent year(s) will be released on satisfactory progress and submission of annual progress report by PI to the Panel and Sectt. and based on Panel recommendation with due approval of competent authority. Statement of accounts and utilization certificate duly certified by the executive financial authority of the Institution and audited by the competent audit authority is also required to be submitted along with the annual report. Excess expenditure, beyond the yearly sanction, unless authorized by AR&DB in writing, shall be the responsibility of the grantee institutions.
5. The duration of the project is 2 Years. The date of receipt of the grant would be reckoned as commencement date of the project which has to be intimated to this Sectt. without any ambiguity.
6. Grantee institute to open a savings bank account for the grant and refund the accrued interest to AR&DB. In case of common bank account held by the institute, the institute can reflect the accrued interest separately and refund the same to AR&DB.
7. The grantee institution shall incorporate necessary clause to provide reservation for SC & ST or OBC in posts and services for appointing project staff under grant-in-aid scheme.
8. Details of project staff employed is to be furnished as per annexure-II (attached) soon upon appointment and also, if any change happens thereon.
9. On completion of the project unspent balance if any should be deposited through MRO at your end against AR&DB sanction project No. "1051937" to the PCDA (R&D), New Delhi A/c No.- 4055000004. Thereafter, a copy of the MRO duly receipted may be sent to PCDA (R&D), West Block-V, RK Puram New Delhi-110066 under intimation to AR&DB Sectt with a copy of MRO for necessary records.
10. A list of inventory of equipment purchased out of AR&DB grant shall be intimated year w along with its cost and source of procurement to AR&DB Sectt. On completion of the project, the grantee institution may forward the consolidated list with request, if any, for retention of any equipment for another project of in-house R&D, with due recommendations of their executive authority and the concerned panel.
11. The grantee institutions shall not disclose any information under RTI ACT, 2005 as DRDO is placed under second schedule and is exempted from disclosure of information under Sec 24(i) of the Act except information pertaining to the allegation of corruption and Human Right Violation.
(i) In case any application is received by the grantee institution for seeking information pertaining to DRDO project under RTI Act 2005, it may not be replied to directly and the same shall be transferred to CPIO, DRDO, HQ for necessary action and reply under sec (63) of the RTI Act at the following addresses:
314 A, 'B' Block, RTI Cell, DRDO Bhawan, Rajaji Marg, New Delhi - 110011
12. Instruction and Conditions of Ownership of intellectual properties generated by this project is available in https://www.drdo.gov.in/drdo/boards/ardb/rules&grants_patents.htm. A copy of Govt letter is attached.
13. On completion of the projects, Closure Report along with copies of technical report for each Panel Member and also one soft copy to Sectt. may be submitted within sixty days of completion of project along with Statement-2 (Statement of Expenditure) & Statement-3 (Utilisation Certificate) as per Annexure III of Grant-in-aids rules duly audited from the Audit Authority of Institution/organization signed in ink in duplicate.

14. PCDA (R&D), West Block V, RK Puram, New Delhi-110066 will make disbursement of money as sanctioned.
15. The expenditure will be debited to Major Head 2080 --Defence Services, R & D, Minor Head 004-Research/Research & Development and Code Head 852/02 (AR&DB Grant-in-aid) of Defence Services Estimates.
16. Contingent bill (in triplicate) duly completed and stamped along with ECS mandate (Bank A/C details) may please be forwarded to us within 30 days for countersignature and onward transmission to PCDA (R&D), West Block V, RK Puram, New Delhi-110066 for payment.
17. This is issued with the concurrence of IFA (R&D) New Delhi vide their UO No: IFA/R&D/0031/AR&DB/2019/Vol-I/1064 dated 23.10.2019.
18. Sanction Code is MSRB/TM/ARDB/GIA/19-20/0083 dated 25.10.19


(Dr Maitreyee Nanda)
Secretary, AR&DB

Copy to :-

- (1) Principal CDA(R&D), West Block V, RK Puram, New Delhi-110066
- (2) IFA (R&D), DRDO Bhawan
- (3) Dy. Director of Audit, Defence Services, Southern Command, Pune - 411 001
- (4) Principal Director of Audit, Air Force & Navy, 'M' Block, N. Delhi-110 001
- (5) Dr. Amol A Gokhale (Convenor TC)
(Former DS & Director, DMRL, Hyderabad)
Professor, Mechanical Engineering Department, IIT Bombay
Powai, Mumbai-400076
- (6) Dr PR Venkatesh (PI), Associate Prof.,
Dept of Mechanical Engineering, RV College of Engineering,
8th Mile, Mysore Road, RV Vidyaniketan Post, Bangalore-560059
- (7) Dr Ramesh S Sharma (Co-PI), Associate Prof.,
Dept of Mechanical Engineering, RV College of Engineering,
8th Mile, Mysore Road, RV Vidyaniketan Post, Bangalore-560059
- (8) Dr. Makarand Joshi Sc 'G'
Research & Development Establishment (Engrs)
Alandi Road, Dighi, Pune-411015

Control No: 083(2019-20)



2019-20 (13)

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, Banashankar 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/
Managing Director, KSTePS

No. KSTePS/VGST-RGS-F/2018-19/GRD No.820/315

Date: 17.07.2019

Dear Sir/Madam,

Sub: Intimation of selection of the project under the VGST scheme of RGS/F- reg.

Greetings from the Department of Science and Technology, GoK & KSTePS. We are pleased to inform you that the project titled "Electrostatic Energy Harvesting for Self-Powered Medical Wearable Devices" submitted under the VGST scheme of RGS-F 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.

You are requested to take an immediate action to initiate the project at the earliest and to be completed within a year after receiving the grant from our office. The total grant allocated for the project is of Rs. 5.00 lakh.

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 3 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.

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,
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

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The sanctioned grant will be sent through NEFT/RTGS to your institution. Hence, it is requested to send the following bank details on your institutional 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. Shilpa. D.R,
Associate Professor,
Department of Electronics and communication Engineering,
R. V. College of Engineering,
R. V. Vidyanikethan Post, Mysuru Road,
Bengaluru - 560 059.

CC:

- 1) The Principal, Rastrīya Vidyalaya (R V) College of Engineering, R V Vidyanikethan Post, Mysuru Road, Bengaluru - 560 059.
- 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.

19-20-14

Technology Bhawan
New Mehrauli Road
New Delhi-110016
Dated: 26.03.2020

ORDER

Sub: Financial approval of the project under Women Scientist Scheme A (WOS-A) entitled "**Carbon based nano composite mixed matrix membranes for desalination**" under the guidance of Ms. J Kavitha, Department of Chemical Engineering, R.V. College of Engineering, R.V. Vidyaniketan Post, Mysuru Road, Bengaluru-560059, Karnataka.

In continuation of this Department's sanction letter of even number dated 08.08.2018, sanction of the President is hereby accorded to the payment of **Rs. 6,50,000/-** (Rupees Six Lakh Fifty Thousand only) as Second instalment to the **Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka** for implementation of the said project during the current financial year.

2. Sanction of the President is also hereby accorded to carry forward the remaining unspent balance of **Rs. 22,515/-** from the financial year 2018-19 to 2019-20 for utilization for the same purpose for which it was sanctioned.

3. The revised fellowship (w.e.f. 01.04.2019) of manpower recurring shall be released from the sanctioned budget under manpower head.

4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (8) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2019-20 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230(17) of GFR 2017 concerning to reservation of SC/ST/OBC, if applicable.

7. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

8. Principal investigator under Women Scientist Scheme is not permitted to withdraw any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.

9. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C & AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

10. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

11. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "author acknowledge Department of Science & Technology, Government of India for financial support vide reference no.under Women Scientist Scheme to carry out this work". Also she is advised to be either 'first' or 'corresponding' author in all publications.

Contd..p/-

12. The expenditure involved is debitable to Demand No.86, Department of Science & Technology for the year 2019-20:

3425 Other Scientific Research (Major Head)
60 Others (Sub-Major Head)
60.200 Assistance to other Scientific Bodies (Minor Head)
68 Science and Technology Institutional and Human Capacity Building (Sub Head)
01 Disha Programme for Women in Science
68.01.31 Grants-in-aid General for the year 2019-20 (Voted)
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

13. The amount of **Rs. 6,50,000/-** (Rupees Six Lakh Fifty Thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the **Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka**. The bank details for electronic transfer of funds through RTGS are given below:

Institute name : R.V. College of Engineering, Mysuru Road, Bengaluru
Bank Name : Kotak Mahindra Bank
Account Number : 136010112055
Branch : RVCE Campus, Bengaluru IFSC code : KKBK0008053

14. Goods (consumables/equipment) available in **GeM** portal are to be procured mandatorily online through Gem only.

15. Institute is registered under NGO Darpan Portal & unique ID – **KA/2017/0115493**.

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **731** in the register of grants maintained in the Division for scheme (KIRAN: WOS-A).

17. This issues with the concurrence of IFD Vide their Concurrence Dy.No.C/**6058**/IFD/2019-20 dated 04.03.2020



(Vandana Singh)
Scientist-E

Copy forwarded for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the Drawing & Disbursing Officer, DST, Cash Section.
3. The Principal, R.V. College of Engineering, Mysuru Road, Bengaluru-560059, Karnataka.
4. Ms. J Kavitha, Department of Chemical Engineering, R.V. College of Engineering, R.V. Vidyaniketan Post, Mysuru Road, Bengaluru-560059, Karnataka. 5. Pay & Accounts Officer, DST, New Delhi
6. IFD, DST, New Delhi.
7. Sanction Folder.



(Vandana Singh)
Scientist-E

2020-21 - (2)

Fwd: Project :Solar iron cart under FINP of NIAS

3 messages

Srivani S.G. <srivanisg@rvce.edu.in>
To: sujatha donthu <sujathadonthu70@gmail.com>

Wed, Jun 17, 2020 at 11:16 AM

please give me print in new sheet and a file on the top print

"Solar Ironing Cart", A funded FINP Project by NIAS -IISc
PI-Dr.S G Srivani
Associate Dean ,EEE Dept.RVCEDr.S G Srivani (NITK),FIE,Senior Member IEEE
Associate professor and Associate PG dean
Electrical and Electronics Department
RVCE,Bangalore 560059
mob 9844327829
Phone -67178389, 8050Sanctioned onJun 17 2020Srivani

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

From: BHUJANGA RAO VEPAKOMMA <vepcrew1@gmail.com>
Date: Tue, Jun 16, 2020 at 12:38 PM
Subject: Project :Solar iron cart under FINP of NIAS
To: Srivani S.G. <srivanisg@rvce.edu.in>
Cc: Srinivasa Aithal P <admin@nias.res.in>, Director-NIAS <director@nias.res.in>, Principal RVCE <principal@rvce.edu.in>

Dear Prof Srivani,

This refers to sanction of Solar Cart project at a cost of Rs 105000/- (One Lakh five thousands) as per the revised technical report submitted by you.

Rs.90,000/= will be released to the RVCE as 1st installment. Balance will be released on completion of the project and against certification by FINP team. RVCE should submit their final SE and UC, duly audited, along with copies of bills/invoices before claiming the balance amount. Please mail us RVCE bank details and address to whom we should send the payment transfer details. Please also submit a time plan. Project progress will be reviewed periodically. If you have any queries, please feel free to contact us.

Best regards,.

DR.V.BHUJANGA RAO.

Srivani S.G. <srivanisg@rvce.edu.in>
To: sujatha donthu <sujathadonthu70@gmail.com>

Fri, Jun 26, 2020 at 12:56 PM

pl print
Dr.S G Srivani (NITK),FIE,Senior Member IEEE
Associate professor and Associate PG dean
Electrical and Electronics Department
RVCE,Bangalore 560059
mob 9844327829
Phone -67178389, 8050

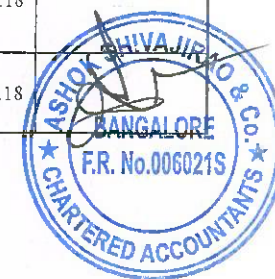
3.2.1 Research funding received by the institution and its faculties through Government and non-government sources such as industry, corporate houses, international bodies for research project, endowment research chairs during the last five years						
3.2.2 Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years						
Sl No	Name of of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration (Years)	Year of award or sanction	Amount in INR.
2018-2019						
1	Dr Uttara Kumari	Design, development and implementation of an adoptable ground vehicle classification system for battle field Surveillance.	ARB, New Delhi	3	2018	454108
2	Dr.Vidya Niranjan	Genetic Enhancement of Mulberry by Genomics Approaches. A multi-component network project (Equipment)	DBT	3	2018	1,650,000.00
3	Dr.B G Sudarshan	Stress Levels of Associated Diseases in Bangalore City Police Personnel	Ministry Home Affaris,	3	2018	165,976.00
4	Dr.Uma B V	Share & mentor institutions (Margadarshan)	AICTE	3	2018	850,000.00
5	Dr.Rajalakshmi Mudbidre	Carbon based nano composite mixed matrix membranesfor desalination	DST, GoI	3	2018	650,000.00
	Dr.P V Srihari	Setting up of a custom Engineered Electro chemical discharge machining system for microfluidic devices	VGST	2	2018	1,000,000.00
7	Dr.Ashwani Sharma and Dr Nagashree N Rao	Investigations on metabolite profile and betalains biosyntehsis in Basella spp-an edible leafy vegetable	DBT	3	2018	287,000.00

8	Dr.H.N.Narasimha Murthy	Thermal and Hydrostatic pressure loading analysis	NSTL	3	2018	1,003,129.00
9	Dr.Vidya Niranjana	Assessment of SNP Variation in silkworm (Bombyx mori L) by RAD sequencing and Genome-wide association mapping of important commercial traits.	DBT	3	2018	626,000.00
10	Bharatish A	Evaluation of Thermal residual stresses due to laser ablation of tantalum carbide coatings.	DST, GoI	3	2018	500,000.00
11	Dr.Vidya Niranjana	DBT-JRF Program - Fellowship, HRA to Rudrappa Gattu, Biotech & Contingency Grant	DBT	3	2018	674,500.00
12	Dr.Radhakrishna and Dr. Ujwal Shreenag Meda	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST, GoI	3	2019	4,568,000.00
13	Dr.Subrmanya T K	Enabling investigation for high efficiency nanocrystalline a-si: HHIT solar cells	DST, GoI	3	2019	1,400,000.00
14	Dr.Shivaraj B W	Development of zinc oxide nanotubes based sensors for air pollution monitoring	VGST	2	2018	500,000.00
15	Dr.Roopa J	Design and Development of Flexible thin film sensors for wearable Electronics	VGST	2	2018	500,000.00
16	Dr.Anupama V Joshi	Financial Sanction under Teachers Associateship for Research Excellence (TARE)	SERB, GoI	3	2019	275,000.00
Total						15,103,713.00

R. V. COLLEGE OF ENGINEERING, BANGALORE - 59

PROJECT GRANT DETAILS FROM 01.04.2018 TO 31.03.19

Sl No.	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2018-19	Released during 2018-19	Anticipated Grants	Date of Receipt	Remarks
1	Design, development and implementation of an adoptable ground vehicle classification system for battle field Surveillance.	ARB, New Delhi	Uttara Kumari	ECE	11,59,708.00	7,05,600.00	4,54,108.00	4,54,108.00	-	20.04.18	II instalment grant (1st instalment Rs.705600/- recd on 21.10.16)
2	Genetic Enhancement of Mulberry by Genomics Approaches. A multi-component network project (Equipment)	DBT, Ministry of Science & Tech	Dr.Vidya Niranjana	BT	16,50,000.00	-	16,50,000.00	16,50,000.00	-	08.06.18	
3	Stress Levels of Associated Diseases in Bangalore City Police Personnel	Ministry Home Affairs, GOI	Dr.B G Sudarshan	Elns. & Inst. Engg	4,85,976.00	3,30,000.00	1,55,976.00	1,55,976.00	-	27.04.18	
4	Share & mentor institutions (Margadarshan)	AICTE	Dr.Uma B V	ECE	17,00,000.00	-	17,00,000.00	8,50,000.00	8,50,000.00	03.08.18	
5	Carbon based nano composite mixed matrix membranes for desalination	Science & Technology	Dr.Rajalakshmi Mudbidre (Ms.Kavitha J)	Chemical	11,10,000.00	4,60,000.00	6,50,000.00	6,50,000.00	-	24.08.18	
6	Development of zinc oxide nanotubes based sensors for air pollution monitoring	VGST	Dr.Shivraj B W	Mech	5,00,000.00	-	5,00,000.00	5,00,000.00	-	17.09.18	
7	Setting up of a custom Engineered Electro chemical discharge machining system for microfluidic devices	VGST	Dr.P V Srihari	Mech	10,00,000.00	-	10,00,000.00	10,00,000.00	-	17.09.18	
8	Design and Development of Flexible thin film sensors for wearable Electronics	VGST	Dr.Roopaa J	ECE	5,00,000.00	-	5,00,000.00	5,00,000.00	-	17.09.18	
9	Investigations on metabolite profile and betalains biosynthesis in Basella spp-an edible leafy vegetable	DBT	Dr.Ashwani Sharma	BT				2,87,000.00		19.12.18	
10	Thermal and Hydrostatic pressure loading analysis	NSTL	Dr.H.N.Narasimha Murthy	Mech	10,03,129.00	-	10,03,129.00	10,03,129.00	-	20.11.18, 27.12.18, 16.07.18 & 11.03.19	
11	Design & development of ultrasonic assisted vacuum drying system for food products	LSRB	Dr.Ashwani Sharma (Dr.Krupashnkar)	BT	39,48,000.00	-	39,48,000.00	23,96,100.00	15,51,900.00	29.11.18	
12	Assessment of SNP Variation in silkworm (Bombyx mori L) by RAD sequencing and Genome-wide association mapping of important commercial traits.	DBT	Dr.Vidya Niranjana	BT	24,27,000.00	4,10,000.00	20,17,000.00	6,26,000.00	13,91,000.00	30.11.18	
13	Research project on "Evaluation of Thermal residual stresses due to laser ablation of tantalum carbide coatings.	DST, GoI	Bharatish A	Mech	19,70,100.00	7,85,000.00	11,85,100.00	5,00,000.00	6,85,100.00	25.07.18	



Sl No.	Project Title	Funding Agency	Name of Investigator	Department	Total Sanctioned by the Agency	Already Released	Balance anticipated Grants upto 2018-19	Released during 2018-19	Anticipated Grants	Date of Receipt	Remarks
14	DBT-JRF Program - Fellowship, HRA to Rudrappa Gattu, Biotech & Contingency Grant for the year 2017-18	DBT	Dr.Vidya Niranjana	BT	10,33,532.00	3,59,032.00	6,74,500.00	6,74,500.00	-	01.01.19 & 27.12.18 & 15.10.18	
15	Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity	DST, GoI	Dr.Radhakrishna	Civil	67,26,800.00	-	67,26,800.00	45,68,000.00	21,58,800.00	04.01.19 & 09.01.19	
16	Enabling investigation for high efficiency nanocrystalline a-si: HHIT solar cells	DST, GoI	Dr.Subramanya T K	IDRC	55,64,240.00	25,57,000.00	30,07,240.00	14,00,000.00	16,07,240.00	14.02.19	
17	Financial Sanction under Teachers Associateship for Research Excellence (TARE)	SERB, GoI	Dr.Anupama V Joshi	Chemical	18,30,000.00	-	18,30,000.00	2,75,000.00	15,55,000.00	02.03.19	
Grand Total Rs.					3,26,08,485.00	56,06,632.00	2,70,01,853.00	1,74,89,813.00	97,99,040.00		



2nd yr. payment

2018-19

1

CHEQUE SLIP

DEFENCE ACCOUNTS DEPARTMENT

NEFT

नाम Section 2006 डी.वी.सं. DV No 3315 / 04/2018
 कार्यालय Office of the PCDA (R&D) NEW DELHI
 चेक जारी करने की तारीख Date of issue of cheque : 16/04/2018
 अभिलेख अनुभाग की डाक सं. Record Section Dak Id. R8785MSB14
 के पूर्व अर्देय NPS Date :
 पं दर्श संख्या Ref No : ARMREB/ASE/2016/180; Bill No : 02/ARMREB/GRANT-IN-AID/TECH/20
 Date 04/04/2018

भुगतान का विवरण	In Payment of	MISC EXPENDITURE submitted vide bill No ...02/ARMREB/GRANT-IN-AID/TECH/20/bill dated 04/04/2018	रकम (चालू में) Amount
कोष	Treasury	PRINCIPAL, R. V. COLLEGE OF ENGG.	
प्रादाता	Favouring/Pay to	KOTAK MAHINDRA BANK, RV COLLEGE OF ENGINEERING, BANGALORE /KKBK0008053	
बैंक में धि खाता सं.	For Credit to P/b of Fund A/c. #	136010112055	454108/-
कुल राशि (अक्षरों में)	Total in Words	Four Lakh Fifty Four Thousand One Hundred Eight only	Total 454108/-

कुले र.ले.नि.
For CDA

अधिकारी
Officer's

हस्ताक्षर
Signature

चेक पर हस्ताक्षर करने वाले अधिकारी के हस्ताक्षर
(Signature of the Officer signing the Cheque)

अधिकारी का नाम (अक्षरों में)
 (Sign. A/c. Section)
 17/04

पंजाबी अधिकारी, डी.वी.सं.
(Officer, I/c. Acct. Section)

बैंक में

PRINCIPAL, R. V. COLLEGE OF ENGG.
 R. V. COLLEGE OF ENGG.
 BANGALORE 560059

PCDA (R&D) NEW DELHI

प्रतिलिपि भेजें Copy To
ARMREB

भुगतान की तारीख
 Paid on
 चेक संख्या
 Cheque No. 78519041802

Secret

This is the 2nd year grant to ARB Andhra Pradesh. Due amount has been credited to PPL a/c on 20-04-18.

A Cheque may pl. be issued in favour of Principal P. Muttarakumari for Rs. 4,54,108/-

records /
 10/5

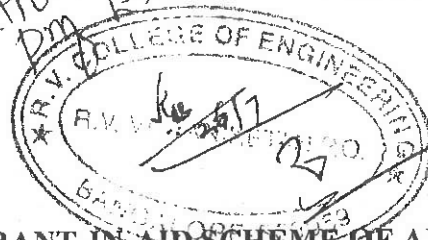
R. V. ...
 10/5/18

Tel : 2300 7307
Fax: 23794562

ARMREB/ASE/2016/180
Defence R&D Organization (HQ)
Armament Research Board
DRDO Bhawan, Rajaji Marg
New Delhi - 110 011
05 July 2016

To

The Principal
RV College of Engineering
Mysore Road, Bangalore - 560 059



SANCTION OF PROJCT UNDER GRANT-IN-AID SCHEME OF ARMREB

Under the power vested in the ARMREB vide Government of India, Ministry of Defence letter No. ARM (RD-17)/2035/1008/D (R&D) dated 18/21 Mar 1997 & in terms of power delegated vide Sl. No. 3.1 of DRDO DBFA/FA/83226/M/01/2031/D(R&D) dated 30 July 2010, I am directed to convey the sanction of the Armament Research Board for the following project:-

- Project Number** : ARMREB/ASE/2016/180
- Title of the Project** : Design, Development and implementation of an adaptable ground vehicle classification system for battlefield surveillance
- Name of the PI** : Dr. M Uttara Kumari, Professor & HOD, Dept. of ECE
R.V. College of Engg, Bangalore

2. **COST & Duration of the Project (PDC)**: - The total cost of the project is ₹ 12,95,700/- with PDC of 24 Months. However, the same is subject to revision based on performance of review committee/panel. Break-up of the project cost is given under: -

Heads (in Rupees)	1 st Year	2 nd Year
(a) Research Staff (1), ₹18,000 PM	2,16,000	2,16,000
(b) Equipments :		
• DM3730 Based Evaluation Boards	1,60,000	1,60,000
• Seismic sensors(2)	75,000	-
(c) Consumable stores, chemicals etc.,	65,000	35,000
(d) Contingencies	45,000	45,000
(e) TA/DA	95,000	95,000
Sub-Total	6,56,000	5,51,000
(f) Institute overheads	49,600	39,100
Total	7,05,600	5,90,100
Total Cost of the Project	12,95,700	

3. **Aim of the Project:-**

- (a) To design and develop a simulation model for feature extraction and classification of Type A and Type B vehicles for various speeds in different terrain conditions namely sandy and normal terrain from the seismic signatures provided by ARDE, Pune.

6. **Accounting and Audit of Grant: -**

- a. **Statement of Account and Utilization Certificate** duly certified by the executive financial authority of the institution and countersigned by the audit authority is to be submitted in the enclosed format along with the technical report by end of the each financial year.
- b. Separate account for the grant would be maintained by the institution. **Interest earned thereon if any, would accrue to ARMREB. In case of interests not accrue under the project the reason for the same may be incorporated in utilization certificate for audit purpose.** Unspent balance on completion of the project should be sent to the undersigned by the grantee institution through a Demand Draft in favor of **PCDA(R&D) drawn at New Delhi**, for doing the needful.

7. **Special Equipment: -**

- (i) Under the special equipment head procurement of laptop is not permitted and subsequently any request for regularization of the same would not be considered by ARMREB.
- (ii) The equipment purchased from the project fund would be taken on the ledger charge of the institution and details of the same may kindly be submitted to this office alongwith G.F.R 19 (format enclosed) duly certified by the auditors of the institution that necessary check has been applied and the inventory acquired under the project has been found in order.
- (iii) On completion of the project the grantee institution would forward the consolidated list of equipment along with formal request for retention of equipment and an undertaking by the institute for another project / in house R&D.

8. **Policy on Ownership of Intellectual Properties: -**

- (i) The ownership of any intellectual properties, generated by research performed under this grant, whether or not legally protected, shall vest in the grantee institution. The grantee institution shall promptly report to DRDO its intention to protect legally any such intellectual properties.
- (ii) DRDO shall be deemed to have an irrevocable and royalty-free license to use such intellectual properties, whether or not legally protected, for such purposes as DRDO may decide, keeping the guarantee institution informed.
- (iii) The grantee institution shall consult DRDO prior to contracting any agreement that envisages the use of such intellectual properties, whether or not legally protected, during or after the closure of the activities conducted through this grant. In any such agreement, the grantee institution shall declare that its ownership over the intellectual properties is encumbered to the extent of Para (ii) above.
- (iv) Neither DRDO nor the Government of India accept any liability for infringement, innocent or otherwise, by the grantee institution, or by the investigators of the intellectual or other property right of third parties.

15. Sanction Code is MSRB(ARMREB)/TM/ARMREB/GIA/16-17/0001 dated 05 July 2016.

16. This has issued with concurrence of IFA (R&D), New Delhi vide their U.O. No. IFA/R&D/1956/0215 dated 27 -05-2016.

Encls : As above.

Yours faithfully,



(Brig MK Hada)

Member Secretary ARMREB

Copy for information to: -

1. Dr SK Salwan, Chairman ARMREB
2. The CC R&D (TM) & OS
DRDO Bhawan, Rajaji Marg, New Delhi – 110 011
3. Dr Satish C Gupta, Associate Director MRG, Head, Applied Physics Division,
BARC, Mumbai – 400085
4. Mrs. Tamhankar, Sc 'F', Coordinator, Panel 'ASE'
ARDE, Pashan, Pune – 411 021
5. The PCDA (R&D), DRDO HQ Cell, West Block '5'
R K Puram, New Delhi – 110 066
6. IFA (R&D), DRDO HQ, NEW DELHI – 110 011
7. Director General Audit (Defence Services),
'L' Block, Church Road, New Delhi – 110 001.
8. Dr. M Uttara Kumari, Professor & HOD, Dept. of Electronics and Communication
Engineering, R.V. College of Engg, Bangalore - 560059
9. The Director, Dte of ER& IPR, 3rd Floor, DRDO Bhawan, New Delhi – 110 011
10. The Secretary, ARDB, 3rd Floor, DRDO Bhawan, Rajaji Marg, New Delhi – 110 011
11. The Secretary, NRB, 3rd Floor, DRDO Bhawan, Rajaji Marg, New Delhi – 110 011
12. The Director, HEMRL, Sutarwadi, Pune – 411 021
13. The Director, ARDE, Pashan, Pune – 411 021
14. The Director, TBRL, Sector – 30, Chandigarh – 160 030
15. The Director, CFEES, Brig SK Mazumdar Road, Delhi – 110 054
16. The Director, PXE, Chandipore – 756 025
17. Ms Vaishnavi Motghare, Sc. 'E' User Lab Scientist, ARDE, Pune – 411021
18. The Commandant, HQ TG (EME), Delhi Cantt-110010

Atc No: 2213476344
(Dr. Vidya Nirunjan) Principal

Dr. Vidya Nirunjan
76344
18-19-2

BT/TDS/121/SP20276/2016
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block 2, 6-8 Floors,
CGO Complex, Lodi Road,
New Delhi-110003

Dated: 04.06.2018

ORDER

In continuation of this Department's sanction order of even number dated 04.06.2018, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the release of a sum of ₹ 76.56 lakhs (Rupees Seventy Six lakhs Fifty Six thousand only) jointly at University of Delhi South Campus (UDSC), New Delhi (₹ 19.08 lakhs [Sub-Project 1]), Jawaharlal Nehru University (JNU), New Delhi (₹ 40.48 lakhs [Sub-Project 1]), RV College of Engineering (RVCE), Bangalore (₹ 10.00 lakhs [Sub-Project 2(a)]) and University of Agricultural Sciences (UAS), Bangalore (₹ 7.00 lakhs [Sub-Project 2(b)]) being the first release under Nonrecurring head 'Equipment' for implementation of the project entitled "Genetic Enhancement of Mulberry by Genomics Approaches: A multi-component Network Project".

2. The other terms and conditions governing the financial sanction will remain unaltered.
3. The amount of ₹ 76.56 lakhs (Rupees Twenty Six lakhs Fifty Six thousand only) will be shall be directly credited by PAO to the bank account of the following:

- a) An amount of ₹ 19.08 lakhs (Rupees Nineteen lakhs Eight thousand only) shall be credited to the bank account of *the Director, UDSC, New Delhi* through RTGS as per the following details:

Name of the Bank: State Bank of India, UDSC Campus, New Delhi
Account No.: 10043546386
IFSC Code: SBIN008778
MICR Code: 110002175

- b) An amount of ₹ 40.48 lakhs (Rupees Forty lakhs Forty Eight thousand only) shall be credited to the bank account of *the Finance Officer, JNU, New Delhi* through RTGS as per the following details:

Name of the Bank: State Bank of India, JNU New Campus Branch, New Delhi
Account No.: 10596550879
IFSC Code: SBIN0010441
MICR Code: 110002428

- c) An amount of ₹ 10.00 lakhs (Rupees Ten lakhs only) shall be credited to the bank account of *the Principal, RVCE, Bangalore* through RTGS as per the following details:

Name of the Bank: Kotak Mahindra Bank, RVCE Branch, Bangalore
Account No.: 136010112055
IFSC Code: KKBK0008053
MICR Code: 560485068

- d) An amount of ₹ 7.00 lakhs (Rupees Seven lakhs only) shall be credited to the bank account of *the Comptroller, UAS, Bangalore* through RTGS as per the following details:

HOD, Biotechnology
18/8/18

18/8/18

Mohd. Asha
18/8/18

Name of the Bank: Canara Bank, GKVK Branch, UAS, Bangalore
Account No.: 2737101005004
IFSC Code: CNRB0002737
MICR Code: 560015126

4. The expenditure involved is debit to 85: Department of Biotechnology; 3425: Other Scientific Research (Major Head); 60: Others (Sub-Major Head); 60.200: Assistance to other Scientific Bodies (Minor Head); 29: Biotechnology Research and Development; 29.17: Assistance for Research and Development; 29.17.31: Grants-in-Aid General for the year 2018-2019.
5. Being the first release for this project, no utilization certificate is pending with the implementing institute. All the Utilization Certificates due for rendition have been received and accepted by the Head of Division / competent authority.
6. The Non-recurring grant should be utilized in span of 18 months from the date of its release, failing which the PI has to return the remaining / unutilized Non-recurring grant with 10% interest.
7. In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent per annum thereon shall be recovered.
8. As per rule 236(1) of GFR 2017, audit of account – the Accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of CAG(DPE) Act, 1971 and internal audit by the Principal Accounts Office of the Ministry or Department, whenever the Institution or Organization is called upon to do so.
9. This issues under the powers delegated to this Department and with the concurrence of IFD, DBT, vide their SAN No. 102/IFD/SAN/543/2018-2019 dated 28.05.2018.
10. This sanction order has been noted at Serial No. in the Register of Grants.


(Dr. Mohd. Aslam)
Scientist 'G'

To,
The Pay & Accounts Officer,
Department of Biotechnology,
Ministry of Science & Technology,
CGO Complex, Lodhi Road,
New Delhi – 110003

Copy to:

1. The Director of Audit (Scientific Departments), AGCR Building, New Delhi—110002
2. Cash Section, DBT (2 copies)
3. IFD, DBT
4. Sanction Folder
5. Dr. V. Sivaprasad, Director, Central Sericultural Research and Training Institute (CSRTI), Srirampura, Manandavadi Road, Mysore – 570008
6. Prof. Paramjit Khurana, Department of Plant Molecular Biology, University of Delhi South Campus (UDSC), New Delhi – 110021

7. Prof. M. S. Sheshshayee, Department of Crop Physiology, University of Agricultural Sciences (UAS), GKVK Campus, Bangalore - 560065
8. Dr. Mukesh Jain, Associate Professor, Jawaharlal Nehru University, Aruna Asaf Ali Marg, New Delhi - 110067
9. Prof. Vidya Niranjana, Associate Dean, Department of Biotechnology, RV College of Engineering, RV Vidyaniketan Post, Bangalore - 560059
10. The Director, University of Delhi South Campus (UDSC), New Delhi - 110021
11. The Comptroller, University of Agricultural Sciences (UAS), GKVK Campus, Bangalore - 560065
12. The Finance Officer, Jawaharlal Nehru University, Aruna Asaf Ali Marg, New Delhi - 110067
13. The Principal, RV College of Engineering, RV Vidyaniketan Post, Bangalore - 560059

Mohd. Aslam
(Dr. Mohd. Aslam)
Scientist 'G'

2018-19 (2)

BT/TDS/121/SP20276/2016
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block 2, 6-8 Floors,
 CGO Complex, Lodi Road,
 New Delhi-110003

Dated: 04.06.2018

ORDER

In continuation of this Department's sanction order of even number dated 04.06.2018, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the release of a sum of ₹ 143.61 lakhs (*Rupees One hundred Forty Three lakhs Sixty One thousand only*) jointly at University of Delhi South Campus (UDSC), New Delhi (₹ 49.29 lakhs), Jawaharlal Nehru University (JNU), New Delhi (₹ 25.12 lakhs), RV College of Engineering (RVCE), Bangalore (₹ 6.50 lakhs), University of Agricultural Sciences (UAS), Bangalore (₹ 46.06 lakhs) and CSIR-National Chemical Laboratory (NCL), Pune (₹ 16.64 lakhs) being the first release under Recurring heads for implementation of the project entitled "Genetic Enhancement of Mulberry by Genomics Approaches: A multi-component Network Project" as per breakup given below:

S. No.	Item	Amount (₹ in lakh)												Grand Total	
		UDSC			JNU	RVCE	UAS				NCL				
		Sub-Pr. 1	Sub-Pr. 3(a)	Total	Sub-Pr. 1	Sub-Pr. 2(a)	Sub-Pr. 2(b)	Sub-Pr. 3(a)	Sub-Pr. 3(b)	Sub-Pr. 4(b)	Total	Sub-Pr. 4(a)	Sub-Pr. 4(b)	Total	
Recurring:															
1.	Manpower	7.42	4.37	11.79	5.62	5.70	3.90	6.17	5.62	4.37	20.06	6.24	0.00	6.24	49.41
2.	Consumables	25.00	8.00	33.00	17.00	0.00	6.00	10.00	2.00	2.00	20.00	6.00	2.00	8.00	78.00
3.	Travel	1.00	0.50	1.50	0.50	0.50	0.50	0.50	0.50	0.50	2.00	0.30	0.50	0.80	5.30
4.	Contingencies	1.00	0.50	1.50	1.00	0.30	0.50	0.50	0.50	0.50	2.00	0.30	0.50	0.80	5.60
5.	Overheads	1.00	0.50	1.50	1.00	0.00	0.50	0.50	0.50	0.50	2.00	0.30	0.50	0.80	5.30
Total:		35.42	13.87	49.29	25.12	6.50	11.40	17.67	9.12	7.87	46.06	13.14	3.50	16.64	143.61

2. The other terms and conditions governing the financial sanction will remain unaltered.
3. The amount of ₹ 143.61 lakhs (Rupees One hundred Forty Three lakhs Sixty One thousand only) shall be directly credited by PAO to the bank account of the following:
 - a) An amount of ₹ 49.29 lakhs (Rupees Forty Nine lakhs Twenty Nine thousand only) shall be created to the bank account of *Director, UDSC, New Delhi* through RTGS as per the following details:

Name of the Bank: State Bank of India, UDSC Campus, New Delhi
Account No.: 10043546386
IFSC Code: SBIN008778
MICR Code: 110002175

- b) An amount of ₹ 25.12 lakhs (Rupees Twenty Five lakhs Twelve thousand only) shall be created to the bank account of *the Finance Officer, JNU, New Delhi* through RTGS as per the following details:

Name of the Bank: State Bank of India, JNU New Campus Branch, New Delhi
Account No.: 10596550879
IFSC Code: SBIN0010441
MICR Code: 110002428

M. Mohd. Asha

18/19/2

349	Jeeva S E		₹ 1,50,000	₹ 30,000	₹ 1,80,000		
350	Ketakee Chandrashekhar		₹ 1,50,000	₹ 30,000	₹ 1,80,000		
351	Pratibha Narayanan		₹ 1,50,000	₹ 30,000	₹ 1,80,000		
352	Shafeeque C.M.		₹ 1,68,000	₹ 33,600	₹ 2,01,600		
353	Tapas Pradhan		₹ 24,387	₹ 4,877	₹ 29,264		
354	Syed Khajamohieddin		₹ 26,194	₹ 0	₹ 26,194		
355	Sindura K P		₹ 1,68,000	₹ 33,600	₹ 2,01,600		
356	Rudrappa Gattu	Rashtreeya Vidyalaya College of Engineering, Bengaluru	₹ 1,50,000	₹ 45,000	₹ 1,95,000	₹ 1,95,000	SAA417911985
357	Abeesh P	Regional Cancer Centre, Thiruvananthapuram	₹ 1,68,000	₹ 33,600	₹ 2,01,600	₹ 2,01,600	SAA417912068
358	Pharvendra Kumar	Regional Centre for Biotechnology, Faridabad	₹ 1,68,000	₹ 50,400	₹ 2,18,400	₹ 7,47,333	SAA417912070
359	Subhashni Sahu		₹ 1,50,000	₹ 0	₹ 1,50,000		
360	Tanu Johari		₹ 42,933	₹ 0	₹ 42,933		
361	Ingole Kishor Dnyaneshwar		₹ 1,68,000	₹ 0	₹ 1,68,000		
362	Abhin Kumar Megta		₹ 1,68,000	₹ 0	₹ 1,68,000		
363	Subhojeet Biswas	Regional Medical Research Centre, Bhubaneswar	₹ 1,50,000	₹ 0	₹ 1,50,000	₹ 1,50,000	SAA417912074
364	Anamika Kumari Anuja	Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow	₹ 1,50,000	₹ 0	₹ 1,50,000	₹ 1,50,000	SAA417912061
365	Devika V Deshmukh	Savitribai Phule Pune University, Pune	₹ 1,50,000	₹ 45,000	₹ 1,95,000	₹ 1,95,000	SAA417912086
366	Basant Kumar Saini	Shri Jagdishprasad Jhabarmal Tibrewala University, Jhunjhunu	₹ 1,50,000	₹ 15,000	₹ 1,65,000	₹ 1,65,000	SAA417912054
367	Vivek Pandey	South Asian University, New Delhi	₹ 1,50,000	₹ 45,000	₹ 1,95,000	₹ 3,90,000	SAA417912080
368	Rakhi		₹ 1,50,000	₹ 45,000	₹ 1,95,000		
369	Harikrishnan .V	Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram	₹ 93,935	₹ 18,787	₹ 1,12,722	₹ 1,12,722	133007537496
370	Pratham Prakash Phadte	Tata Memorial Centre Advanced Centre for Treatment, Research and Education in Cancer, Mumbai	₹ 1,50,000	₹ 0	₹ 1,50,000	₹ 3,00,000	SAA417912082
371	Priyanka Bagdiya		₹ 1,50,000	₹ 0	₹ 1,50,000		
372	Anuj Kumar Borah	Tezpur University, Tezpur	₹ 14,452	₹ 0	₹ 14,452	₹ 14,452	SAA417912065
373	N Sugandha	Translational Health Science And Technology Institute, Faridabad	₹ 1,50,000	₹ 0	₹ 1,50,000	₹ 6,36,000	SAA417912106
374	Surender Kumar Prajapat		₹ 1,50,000	₹ 0	₹ 1,50,000		
375	Tannu Priya Gosain		₹ 1,68,000	₹ 0	₹ 1,68,000		
376	Niti Singh		₹ 1,68,000	₹ 0	₹ 1,68,000		
377	Ashutosh Singh	University of Agricultural Sciences, Bengaluru	₹ 24,387	₹ 7,316	₹ 31,703	₹ 4,06,703	SAA417912079
378	Brijesh Patil M P		₹ 1,50,000	₹ 30,000	₹ 1,80,000		
379	Bhavya C		₹ 1,50,000	₹ 45,000	₹ 1,95,000		

71	Rajesh Kumar .K	National Institute of Nutrition	211436	211436	SAA416389053
72	Gopal Patel	National Institute of Pharmaceutical Education and Research	93016	93016	SAA416389077
73	Shrinivas Maroti Chavan	National Institute of Sceince Education and Research Bhubaneswar	71855	71855	SAA416389065
74	Megha	National Research Centre on Plant Biotechnology	37500	37500	SAA416389080
75	Patel Naisargee Sharad	Nirma Unviersity	113694	113694	SAA416389070
76	Navaneetha Krishnan J	Punjab Agiculture University	155000	155000	SAA416389083
77	Rudrappa Gattu	R V College of Engineering	192500	192500	SAA416389066
78	Hridya Chandrasekhar	Regional Centre for Biotechnology	11400	11400	SAA416389086
79	Rakhi	South Asian University	192500	192500	SAA416389076
80	Surender Kumar Prajapat	Translational Health Science And Technology Institute	155000	155000	SAA416389092
81	Jonitha Chongtham	University of Delhi - South Campus	80000	80000	SAA416389078
82	Pritikana Jana	University of Hyderabad	155000	818210	SAA416389094
83	Sanjay Kumar		155000		
84	D. Alekhya		42000		
85	Bhawangirkar Shubhangi Govindprasad		192500		
86	Kumari Githa Vani		81210		
87	Kunal Babarao Dhokne		192500		

92	PAWAR DEEPAK VISHWANATH		₹ 3,66,000	
93	Anupma		₹ 3,66,000	
94	Deepika Chaudhary	THSTI	₹ 3,66,000	SAA343501616
95	Gyan Chandra	CDRI, Lucknow	₹ 4,33,200	SAA343501589
96	Firdousi Parvez	IISER Pune	₹ 2,12,903	SAA343501625
97	Suraj Kumar Acharya	Narayana Netralaya Foundation, Bengaluru	₹ 2,45,000	SAA343501594
98	Keya Katare		₹ 2,45,000	
99	Rudrappa Gattu	R V College of Engineering, IDRC Lab, Begaluru	₹ 3,59,032	SAA343501620
100	Deepak Kumar	CCMB, Hyderabad	₹ 4,20,000	SAA343501605
101	Cynthia Erica Kharshiing	NEHU	₹ 3,60,000	SAA343501659
102	Sooni Kerki Challam		₹ 3,60,000	
103	Melinda Nongbet Sohlang		₹ 3,99,600	
104	Sugandh	IITR- Lucknow	₹ 4,33,200	SAA343501639
105	Sumit Kumar Anand		₹ 4,33,200	
106	Hemalatha R	IIT Madras	₹ 3,30,000	SAA343501658
107	Rahul Khatri	DIPAS, Delhi	₹ 4,20,000	SAA343501622
108	Kalpna Kaushik	NIANP-ICAR	₹ 3,30,000	SAA343501648
109	Ankit Verma	NIPGR, New Delhi	₹ 58,800	SAA343501655
110	Virevol Thakro		₹ 1,23,339	
111	Divya Sharma	G.B. Pant University of Agriculture and Technology. Pantnagar	₹ 3,66,000	SAA343501662
112	Hitika Gulabani	RCB, Gurgaon	₹ 4,66,800	SAA343501661
113	Priyanka Harishchandra Tripathi	National Institute of Pathology (NIP), New Delhi	₹ 4,48,306	SAA343501664
114	Sumit Dey	IOB, Banagalore	₹ 1,75,000	SAA343501693
115	Sumit Dey	PGIMER	₹ 2,27,500	SAA343501628
116	Dhananjay Kumar Pandey	Gautam Buddha University, Greater Nodia	₹ 3,30,000	SAA343501683
117	Pooja Dixit	Indian Oil Corporation Limited, Faridabad	₹ 3,66,000	SAA343501630
118	RAMAN JEET KAUR	Punjab Agriculture University, Ludhiana	₹ 3,30,000	SAA343501716
119	Pankaj Jankiram Birari	Bose Institute	₹ 2,41,500	133006019945
120	Nitika Gaurav	IIT Delhi	₹ 3,66,000	SAA343501708

				01.01.2019 to 31.03.2019	₹ 12,000	₹ 0	₹ 0	₹ 0	₹ 12,000			
				HRA Arrear of April 2018 is adjusted	₹ 0	₹ 0	₹ 0	₹ -7,500	₹ -7,500			
156	Arun Bahadur Gurung	North Eastern Hill University	SRF	25.11.2018 to 30.11.2018	₹ 5,600	₹ 1,120	₹ 0	₹ 0	₹ 6,720	₹ 1,15,720	1,20,027	000171330005 UBINJ20336379448
				01.12.2018 to 31.12.2018	₹ 28,000	₹ 5,600	₹ 0	₹ 0	₹ 33,600			
				01.01.2019 to 31.01.2019	₹ 35,000	₹ 5,600	₹ 0	₹ 0	₹ 40,600			
				01.02.2019 to 24.02.2019	₹ 30,000	₹ 4,800	₹ 0	₹ 0	₹ 34,800			
157	Cynthia Erica Kharshiing	North Eastern Hill University	SRF	27.02.2019 to 28.02.2019	₹ 286	₹ 1	₹ 0	₹ 0	₹ 287	₹ 4,307		
				01.03.2019 to 31.03.2019	₹ 4,000	₹ 20	₹ 0	₹ 0	₹ 4,020			
158	Deepika Verma	Panjab University	SRF	April 2018 arrear 01.04.2018 to 30.04.2018	₹ 3,000	₹ 0	₹ 0	₹ 0	₹ 3,000	₹ 3,000	₹ 3,000	000171329727 UBINJ20336379413
159	Navaneetha Krishnan J	Punjab Agriculture University	JRF	Fellowship revision arrear 01.01.2019 to 31.03.2019	₹ 18,000	₹ 0	₹ 0	₹ 0	₹ 18,000	₹ 18,000	₹ 18,000	000171329931 UBINJ20336379288
160	Rudrappa Gattu	R V College of Engineering	JRF	Fellowship revision arrear 01.01.2019 to 31.03.2019	₹ 18,000	₹ -180	₹ 0	₹ 0	₹ 17,820	₹ 17,820	₹ 17,820	000171329960 UBINJ20336379427

290	Mohan Sharma	National Institute of Plant Genome Research	3000	8400	11400	78600	SAA444358182
291	Niles Kumar Sharma		3000	0	3000		
292	Shreenivas Kumar Singh		3000	0	3000		
293	Sanjeet Kumar Mahtha		3000	8400	11400		
294	Sunil Kumar Yadav		3000	0	3000		
295	Aanchal		3000	0	3000		
296	Sandeep Kumar Dixit		3000	0	3000		
297	Ankit Verma		3000	8400	11400		
298	Anurag Vasant Rao Daware		3000	0	3000		
299	Prakash Kumar Bhagat		3000	0	3000		
300	Pawan Kumar		3000	0	3000		
301	Urooj Fatima		3000	0	3000		
302	Sombir Yadav		3000	0	3000		
303	Yeshveer Singh		3000	0	3000		
304	Virevol Thakro	3000	8400	11400			
305	Bhukya Prudhvilal	National Institute of Virology	3000	0	3000	3000	SAA444358061
306	Sreeshma N	National Research Centre on Plant Biotechnology	0	7500	7500	7500	SAA444358068
307	Patel Naisargee Sharad	Nirma University	0	7500	7500	7500	SAA444358116
308	Jijnasa Bordoloi	North East Institute of Science and Technology, Jorhat	3000	2800	5800	5800	SAA444358203
309	Arun Bahadur Gurung	North Eastern Hill University	3000	2800	5800	16600	SAA444358100
310	Melinda Nongbet Sohlang		3000	2800	5800		
311	Sooni Kerki Challam		0	2500	2500		
312	Cynthia Erica Kharshiing		0	2500	2500		
313	Vanaparathi Praveen Kumar	Osmania University	3000	8400	11400	11400	SAA444358010
314	Neetu Goyal	Panjab University	3000	0	3000	3000	SAA444358104
315	Shweta Kumari	Patna University	0	5000	5000	5000	SAA444358185
316	P. Vidhya Priya	Pondicherry University	0	5000	5000	5000	SAA444357985
317	Tamalika Paul	Presidency University	0	7500	7500	7500	SAA444358086
318	G Rudrappa	R V College of Engineering	0	7500	7500	7500	SAA444358211
319	Shafeeque C.M.	Rajiv Gandhi Centre for Biotechnology	3000	5600	8600	76000	SAA444358003
320	Tapas Pradhan		3000	5600	8600		
321	Aneesh Kumar. A		3000	5600	8600		
322	Syed Khaja Mohieddin		3000	0	3000		
323	Kattupalli Divya		3000	5600	8600		

भारत सरकार Government of India
गृह मंत्रालय Ministry of Home Affairs
पुलिस अनुसंधान एवं विकास ब्यूरो
BUREAU OF POLICE RESEARCH & DEVELOPMENT
फोन-EPABX: 011-2436 5009/ 2330/ 0371
फैक्स Fax No. 011-2436-2425 and 011-2436 9825

BPRD

2018-19 (3)

ब्लॉक-11, 3/4 तल, सीजीओ परिसर,
नई दिल्ली-110003
Block No. XI, 3rd Floor
CGO Complex, Lodhi Road
New Delhi-110 003
No. 32/12/2013/RD
दिनांक: Dated.....June, 2013

SANCTION ORDER

Subject: Award of Research Study on, 'Stress Levels of Associated Diseases in Bangalore city police personnel' under the Non-Plan Scheme of the BPR&D.
- Regarding.

The sanction of DG, BPR&D, in consultation with IFA vide their Dy.No.480/IFA dated 11/6/2013 is hereby conveyed for incurring an expenditure not exceeding Rs. 4,95,000/- (Rupees Four lakh ninety five thousand, only) for undertaking a research study on the above mentioned subject by Dr. B.G. Sudarshan of RV College of Engineering, R.V.Vidyaniketan Post, Mysore Road, Bengaluru - 560 059. **The duration of the project is 24 (twenty four) months.**

2. The following are the objectives of the study :-

- I. To study the extent of health status abnormalities among Bangalore City Police Personnel and its distribution between the armed and the unarmed police personnel.
- II. To study the correlation with different physiological parameters as indicators of health with its associated diseases among Bangalore City Police Personnel.

3. The amount of Rs.1,65,000/- (Rupees One lakh sixty five thousand, only) out of the approved amount of Rs.4,95,000/- (Rupees Four lakh ninety five thousand, only) as first installment is hereby released to **The Principal, R.V. College of Engineering, Bengaluru** for the commencement of the above referred research project from the sanctioned budget grant of the BPR&D during the current year 2013-14. The RTGS information for the above is as under :-

Beneficiaries Name	Principal, R.V. College of Engineering, Bengaluru
Bank Name and Branch	ING - Vysya Bank, R.V. College of Engineering Campus, Mysore Road, Bangalore - 59
A/c No.	136010112055
IFSC Code No.	VYSA0001360

4. The balance amount of Rs.3,30,000/- (Rupees Three lakh thirty thousand, only) will be released in two equal installments. The second installment will be paid subject to the satisfaction of the Director General, BPR&D regarding the progress of the project and the final installment will be paid only after satisfactory completion of the project and submission of the project report and utilization certificate to the BPR&D.

5. The sanction is further subject to the following conditions :-

- A. The amount shall be used for the purpose for which it has been released.
- B. The grantee is not permitted to divert the grant for any other purpose. If after having received the grant, the grantee is not in a position to execute or complete the project, the entire amount of the grant received with interest thereupon will be returned forthwith to this Bureau.
- C. Any amount of the grant, which is not spent for the purpose for which it is sanctioned, should be refunded forthwith to this Bureau.
- D. It is directed that all the equipments used like ECG Machine and Software for data processing are to be sent to BPR&D after completion of the study.
- E. Sample Size of the study is to be increased upto 250 Police Personnel of different police stations. within the sanctioned amount.
- F. A utilization certificate for the full amount of the grant received shall be submitted to this Bureau. An audited statement showing expenditure met out of this grant will also be furnished along with utilization certificate.
- G. Two CDs and 20 copies of report of the above study should be submitted to this Bureau after completion of the work.
- H. '*Executive Summary*' of the study should be submitted at the time of final submission of Research study report.

6. The expenditure involved will be met from the sanctioned budget grant under Non-Plan scheme of the BPR&D during the financial year 2013-2014 under the following heads:-

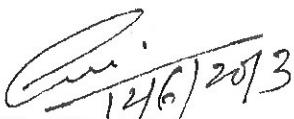
Grant No. 55.	- Police	Demand No.2055-Police
00.004	- Research	01- BPR&D
01.04.20	-OAE(Research)- Non Plan	

(Dr. Dhani Ram)
Assistant Director (Admn.)

Office Order Book

Copy forwarded to:-

1. The Pay and Accounts Officer, DCPW, MHA, New Delhi.
2. The Accountant, BPR&D.
3. Dr. B.G. Sudarshan, RV College of Engineering, R.V. Vidyaniketan Post, Mysore Road, Bengaluru - 560 059
4. The Principal, RV College of Engineering, R.V. Vidyaniketan Post, Mysore Road, Bengaluru - 560 059


(Dr. Dhani Ram)
Assistant Director (Admn.)

No. 32/12/2013-RD
Government of India
Ministry of Home Affairs
Bureau of Police Research & Development
(Research & Correctional Administration Division)

NH – 8, Mahipalpur,
New Delhi – 110037

Date: the 22 September, 2017

To

Dr. B G Sudarshan
Associate Professor and Medical Officer
R V College of Engineering,
R V Vidyaniketan Post,
Mysore Road, Bengaluru – 560 059
Karnataka

Subject: Minutes of Presentation on Research Project “Stress Levels and Associated Diseases in Bangalore City Police Personnel” by Dr. B G Sudarshan, R V College of Engineering, Bengaluru, held on 18.08.2017 at Conference Hall, Office of Commissioner of Police Bengaluru, Bengaluru, Karnataka - Reg.

Sir,

Please find enclosed the Minutes of the Presentation on Research Project “Stress Levels and Associated Diseases in Bangalore City Police Personnel” held on 18.08.2017 at Conference Hall, Office of Commissioner of Police Bengaluru, Bengaluru, Karnataka under the Chairpersonship of the DG, BPR&D.

Yours faithfully,


(Dr. S Karthikeyan)

Assistant Director (Research)

Tele: 011- 26782025

Email: adrca@bprd.nic.in

Encl: As above.

Copy to:

The Principal, R V College of Engineering, R V Vidyaniketan Post, Mysore Road, Bengaluru – 560 059 Karnataka – for information please.

“Promoting Good Practices and Standards”

**BUREAU OF POLICE RESEARCH & DEVELOPMENT
(Research & Correctional Administration)**

Presentation on Research Project

"Stress Levels and Associated Disease in Bangalore City Police Personnel"

Conference Hall, Office of the Commissioner of Police, Bengaluru on 18.08.2017

Dr. B G. Sudarshan, R V College of Engineering, Bengaluru

MINUTES

The meeting was chaired by DG, BPR&D. The list of the officers who attended the presentation is enclosed.

- 1) The tobacco and alcohol dependence of police personnel to cope with stress was discussed. This incidence is higher among police personnel as compared to general public.
- 2) It was suggested that regular health check ups should be encouraged. Suitable Mechanisms for substance de-addiction and counseling centers for stress alleviation etc. should be set up to address the issue.
- 3) The Police personnel who were part of the study did not have sufficient time for proper medical check-up for the research study. As a result, certain parameters like diurnal variations of salivary cortisol levels were not measured. This is an important physiological indicator of stress.
- 4) It was agreed to spare the Police personnel for one full day regular medical check-up and for such research studies as and when required.
- 5) The house unanimously found the study to be scientifically rigorous and endorsed the recommendations made by the researcher. The objectives of the research study were found to be fully met and it was considered as complete.
- 6) The third and final installment of Rs. 1,65,000/- is to be released immediately.
- 7) The recommendations of the report may be circulated to MHA, States, UTs, CAPFs and CPOs.

Research Report Presentation

Bangaluru, 18.08.2017

List of Officers

1. Sh. V.S.K. Kaumudi, Addl. Director General, BPR&D, New Delhi
2. Ms. Anupama Nilekar Chandra, IG (MOD), BPR&D, New Delhi
3. Shri Pramod Verma, DIG (R&CA), BPR&D, New Delhi
4. Shri P. Vijaya Kumar, BPR&D, New Delhi
5. Shri T. Sunil Kumar, Commissioner of Police, Bengaluru
6. Shri Nand zunda Swami, Addl. Commissioner of Police, Bengaluru
7. Shri Bhushan, Dy. Commissioner of Police (Admn.), Bengaluru
8. Ms. Renuka Sane, NIPFP, New Delhi
9. Ms. Neha Sinha, IDFC Institute, Mumbai
10. Dr. Nagarathna (NLU), Bengaluru
11. Shri R. Hitendra, Addl. Commissioner of Police (Traffic), Bengaluru
12. Shri Ashwani Sanap, Dy. Commissioner of Police, Mumbai
13. Shri Sundarvadivelu, Dy. Commissioner of Police, Chennai City Police
14. Shri Sarvesh, Dy. Commissioner of Police, Chennai City Police

About 30 Traffic police personnel of various ranks from Bengaluru were present in the presentation.

BVO/MU

2018-2019

4

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
Nelson Mandela Marg, Vasant Kunj,
New Delhi-110067.

File No. 58-5/RIFD/Margdarshan/2018-19

June 13, 2018

The Drawing and Disbursing Officer
All India Council for Technical Education
Nelson Mandela Marg,
Vasant Kunj, New Delhi-110067,

Sub: Release of Grants under Share & Mentor Institutions (Margdarshan) Scheme during the current financial year 2018-19.

Sir,

This is to convey the sanction of the Council for payment of Rs. 8,50,000/- (Rupees Eight Lakh Fifty Thousand Only) under the Share & Mentor Institutions (Margdarshan) as Grant-in-aid for meeting the expenditure for implementing the Scheme in order to create & update general research capabilities, as per details given below:

- | | | | |
|----|---|---|---|
| 1. | Name of the Beneficiary Institution (University / College / Institution) | : | R V College of Engineering, Mysore Road Bengaluru |
| 2. | Chief Coordinator's Name & Dept. | : | Dr. Uma B. V. Electronics & Communication Engineering |
| 3. | Grant-in-aid Sanctioned | : | Rs.17,00,000/- |
| 4. | Amount to be Released during the year 2018-19 (90% for Govt. and 50% for Pvt. Instn.) | : | Rs. 8,50,000/- 1 st installment (being 50% of the total grant) |
| 5. | Duration | : | 3 Years |

1. The sanctioned grant-in-aid is debatable to the major "Head "602.08 (Share & Mentor Institutions (Margdarshan))" (category not mentioned, may be General) and is valid for Payment during the financial year 2018-19.
2. The grant-in-aid of the grant shall be drawn by the Drawing and Disbursing Officer (DDO), All India Council for Technical Education, New Delhi on the Grants-in-aid bill and shall be disbursed to and credited to the account of R V College of Engineering, Mysore Road, Bengaluru through RTGS.
3. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal/Director/Registrar shall intimate about the receipt of the grant to AICTE. Any Expenditure incurred prior to issuance of the approval letter is not allowed to be adjusted in the grant and if the University/Institution do not take the project work within 3 months of the receipt of the grant, approval shall ipso facto lapse.
4. The Mentor Institute shall identify atleast ten other AICTE approved degree institutions free from vigilance/disciplinary angle as Mentee for the programme.
5. Each project sanctioned by AICTE is assigned a specific Ref. No. which is on pre-page. All correspondence addressed to AICTE regarding the project must quote this number along with year of sanction of the Project, otherwise the correspondence may not be entertained.
6. The accounts of the grantee will be open for test check by the Council or Comptroller & Auditor General of India or by any officer designated by them. The interest on the sanctioned Grant-in-aid will be treated as a part of the grant and shall be adjusted against recurring expenditure of future installments, if any.
7. The Institute/University shall not charge any overheads on this Project and will provide all the administrative support for completion of the Project.
8. The Mentor Institute should conduct at least 06 FDP of one-week duration each with minimum 30 participants including at least 25 guest lecturers. Not to incur expenditure on computer, laptops etc. The distance between hub & spoke should be less than 600 Kms.

Contd...2

Handwritten signature and stamp of the Drawing and Disbursing Officer, R V College of Engineering, Bengaluru. The stamp includes the text "R V COLLEGE OF ENGINEERING" and "DISBURSING OFFICER".

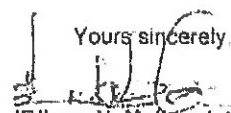
Handwritten signature and initials "K/S".

Handwritten signature and date "R V College of Engineering 28/6/18".

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9. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education
10. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register for assets shall be maintained by the Institute in the prescribed form i.e. GFR-19
11. The Annual Progress Report in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion of each financial year. The grantee institute will have to follow all the instructions contained in the General Guidelines and Methodology of the AQIS.
12. Project Completion Report (PCR) in the prescribed format along with the Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format, utilization Certificate and GFR-19 shall be submitted to the Council in the prescribed format.
13. The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the All India Council for Technical Education as early as possible after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.
14. The Mentor Institute shall maintain proper accounts of the Expenditure out of the grants and shall be utilized only on approved items of expenditure. The institute is required to open a separate bank account to get the interest on accumulation of this grant/fund received from AICTE. The interest will be reported back to AICTE and to be adjusted against subsequent installments.
15. The Grantee shall fully implement the official language policy of Union Government and comply with the official language Act, 1963 and official language (use of official purposes of the Union Rules, 1976 etc.)
16. The funds to the extent are available under the scheme.
17. The sanction issues in exercise of the powers delegated to the Council. It is also certified that grant-in-aid is being released in conformity with the rules and Principles of the scheme.
18. The Mentor institute is required to follow all terms & conditions laid down in the scheme as well as in the offer letter rigidly.
19. The Council does not provide any permanent staff for the scheme.

Yours sincerely,


(Dileep N. Malkhede)
Advisor (RIFD)

Copy forwarded for information and necessary action to:

1. ✓ The Principal/Director/Registrar
RV College of Engineering, Mysore Road
Bengaluru 560059
2. Dr. Uma B V, Chief Coordinator,
RV College of Engineering, Mysore Road
Bengaluru
3. Office of Director General of Audit
General Revenues, AGCR Building
I.P. State, New Delhi-110 002.
4. Guard File



Women Scientists Scheme (WOS-A)

Department of Science & Technology, Government of India

Wed Dec 07 18:33:00 IST 2016

Project Proposal Document

Project Details

Proposal Title: Carbon based nano composite mixed matrix membranes for Desalination
 Work Duration (In months): 36
 Proposal Subject Category: Engineering Technology

PI Details

Name: Ms. Kavitha J
 Category: GEN
 Telephone(O):
 Telephone(R):
 Mobile: 9970173024
 Fax:
 Fathers Name: Janardhan K
 Marital Status: Married
 Husband Name: Virupaksha D Joshi
 Employment Status: UnEmployed
 Department: Chemical Engineering

Address: #302, V2 Vaandhara apartments, Subramanyapura main road, Chikkalesandra, Bengaluru, Karnataka - 560065

Email Address: kavithajoshi@gmail.com

Date of Birth: 30-07-1982

Break in Career: Yes

Description of Break: Due to pregnancy and birth of first child

Project Execution Institute Name: R V College of Engineering

Project Execution Institute Address: R V College of Engineering R V Vidyaniketan Post, Mysore Road, Bengaluru, Karnataka - 560009

Highest Educational Qualification Details

Highest Educational Qualification	Year	Subject	Thesis/Dissertation	Guide Name, Designation & Address
Ph.D Provisionally Registered	2015	Chemical Engineering	Carbon based nano composite mixed matrix membranes for Desalination	Dr. Rajeshwari K, Assistant Professor, Dept of Chemical Engg, RVCE, Mysore road, Bengaluru-560009

Employment Experience Details

Employment Experience Summary(500 words):
 Sl No. Post held Name of the Employer Period
 1. Lecturer Shri Sai Vidya Nivedal Institute of Technology, Bharuch, Gujarat. July 2007 - Oct 2008
 2. Assistant Professor R. V. College of Engineering, Bengaluru, Karnataka. July 2014 - May 2015

Fellowship/Scholarship Details

Fellowship/Scholarship Summary(500 words):

I am writing the fellowship summary to obtain financial assistance for my research work from the Department of Science and Technology, Government of India, under the Women Scientists Scheme, Scheme - A. The fellowship fund will be utilized to study and prepare a Sea water desalination unit using a mixed matrix membrane. I have been an above average student consistently in academics and this has helped me in grasping new things and understanding the logical working ways. This has given me confidence in trying to know and experiment my ideas in my field of work. As a later this quality made me think from the students' perspective and I could adopt better teaching techniques during my professional career. I tend to pick things up from the world around me and the topic for the research is also a fruit of such observation. It worries me a lot when people struggle to get one of the basic necessities of life such as water. This made me think and to apply the knowledge of chemical engineering in making clean and safe drinking water available to all classes of people throughout the year. During my Under Graduation, I had visited MRFIL, Mangalore to conduct the study on Hydrochloric unit for my project work for the final year course and during my Post Graduation I worked as a project associate at Siminfoys Pvt Ltd for my project work on simulation studies. This inclination towards research work has made me eager to do some work in the field of my research studies. My patience and perseverance has resulted in this opportunity of working in this field which indirectly is for a societal cause. The breaks in my career have given me ample time to study the importance of research and application of science and technology in solving the water crisis. Given an opportunity, I would want my research studies, in its own small way, to be used to bridge the gap between the demand and supply for clean and safe water.



E-mail: vandana.singh@nic.in

New Delhi-110016

3

File No.: SR/WOS-A/ET-169/2016

23-08-2017

Sub: The project entitled "Carbon based nano composite mixed matrix membranes for desalination"

Dear Ms Kavitha,

Please refer to the proposal mentioned above which you had submitted for consideration of possible funding under the Women Scientists Scheme (WOS) for Research in Basic/Applied Sciences.

We are glad to inform you that the above-mentioned proposal has been technically recommended for financial support for 3 years. The recommended budget is as follows:

Fellowship to PI: ₹ 14,00,000/-

Consumables: ₹ 1,50,000/-

Equipments: Ultrasonicator, Desalination setup

Some funds for travel and contingencies have also been recommended.

In order to further process your case for issue of financial sanction, you are requested to submit the following papers at the earliest:

- * Certificate from the Head of the Institution where the said project will be implemented (in the attached format);
- * Name of the official in the host institution in whose name the demand draft should be sent;
- * Saving Bank Account details of the host institute including Institute name as per bank record, Account No., Bank name, Branch and IFSC code endorsed by the Registrar/Finance Officer/Competent authority;
- * Quotations and consolidated list with price for approved pieces of equipment;
- * Estimates of consumables required in the project (name, rate, quantity and amount);
- * Copy of your highest science/engineering degree;
- * Name, address and bio-data of the scientist who is willing to technically help you as a mentor or guide.

It is expected that you would not undertake a visit abroad for a period exceeding 3 months. And, any visit abroad except for the purpose of attending workshops conferences schools etc. should be with the prior permission of DST.

If you have got an employment after presentation before the Expert Committee, and would like to continue the same, please let us know.

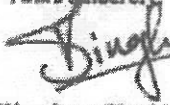
We shall process your case for financial sanction once we receive the above documents/clarifications from you. Please note that a project starts only after it is accorded financial sanction by DST.

If you have received are receiving research support under any other scheme of DST or other agencies, please send the details of the same.

We would request you to please note that if you are not able to send the required papers within 30 days of the date of this letter, the project file would be closed. No correspondence in this regard would be entertained subsequently.

Looking forward to receiving your reply and with best regards.

Yours sincerely,


(Vandana Singh)

Ms J Kavitha
302, V2 Vasundhara apartments,
Subramanyapura main road,
Chikkalasandra
Bengaluru - 560061



18-19 (6)

Dr. H. Honne Gowda
 Special Director (Technical),
 Dept. of IT, BT and S&T/ Managing director, KSTePS
 No. KSTePS/VGST/GRD-678/KFIST(L1)/2018

A/c : 2213476313

Date: 27.08.2018

Dear Sir/Madam,

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 "Setting up of a Custom Engineered Electro Chemical Discharge Machining (ECDM) System for Microfluidic Devices" 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.

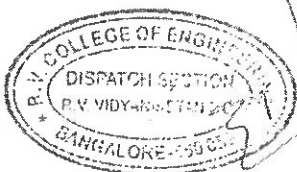
The grant will be paid to the Head of the Institution, under whose supervision the Principal Investigator shall be responsible for completion of the stated objectives of the project. The Principal Investigator through the Institution Head shall have to submit the progress report in soft copy (word & 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.

Handwritten notes: Anjya / Vidya / Mr. Rubhakar / a/c / sknd

18-19/6

..2



Handwritten: 375

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Handwritten: For RUF/1999/1849
4.9.18

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
R.V College of Engineering
Mysore Road, Bengaluru - 560 059

CC:

1. Dr. P.V. Srihari, Dept. of Mechanical Engineering, R.V College of Engineering, Mysore Road, Bengaluru - 560 059- 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.

Administrative
(Application No: AGRI/2015/72)

File No. BT/PR16902/NER/95/422/2015
GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF BIOTECHNOLOGY
(NER BPMC)

Block-2, 7th Floor,
CGO Complex, Lodhi Road
New Delhi-110003
Dated: 14/3/2017

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978 for the implementation of the project under 'DBT's Twinning programme for the NE' titled "Investigations on metabolite profile and betalains biosynthesis in *Basella* spp, an edible leafy vegetable" by Dr. Mohammad Imtiyaj Khan, Gauhati University, Guwahati, Assam; Dr. Ashwani Sharma, R V College of Engineering, Bangalore and Dr. Parvatam Giridhar, Central Food Technological Research Institute, Mysore at a total cost of ₹ 82.03 Lakhs (Rupees Eighty Two Lakhs and Three Thousand Only) for a period of three years, on the terms and conditions detailed as under:

2.0 The Project:

2.1 Project Title: Investigations on metabolite profile and betalains biosynthesis in *Basella* spp, an edible leafy vegetable.

2.2 Project Investigators

2.2.1 Principal Investigator (I): Dr. Mohammad Imtiyaj Khan
(Parent Institute) Assistant Professor
Dept. of Biotechnology,
Gauhati University,
Gopinath Bordoloi Nagar,
Jalukbari-781014, Assam

2.2.2 Principal Investigator (II): Dr. Ashwani Sharma
(Collaborating Institute) Assistant Professor
Dept. of Biotechnology,
R.V. College of Engineering
Mysore Road, Bangalore-560059

2.2.4 Co- Investigator: Dr. Nagashree. N Rao
(Collaborating Institute) Associate Professor
Dept. of Biotechnology,
R.V. College of Engineering
Mysore Road, Bangalore-560059

2.2.3 Principal Investigator (III): Dr. Parvatam Giridhar
(Collaborating Institute) Principal Scientist
Dept. of Plant Cell Biotechnology,
Central Food Technological Research Institute
Mysore-570020

1 of 6

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App. No.: AGRI/2015/72

No. BT/PR16902/NER/95/422/2015
 GOVERNMENT OF INDIA
 MINISTRY OF SCIENCE & TECHNOLOGY
 DEPARTMENT OF BIOTECHNOLOGY
 (NER-BPMC)

Block 2, (6-8th Floors)
 CGO Complex, Lodi Road,
 New Delhi- 110 003

Date: 09/10/2018

RELEASE ORDER

In continuation of this Department's sanction order of even number dated March 14, 2017 sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rule, 1978, for the release of Rs. **287000.00** (Rupees Two Lakhs Eighty Seven Thousand Only) being the second year release for the project entitled "Investigations on metabolite profile and betalains biosynthesis in *Basella* spp. -an edible leafy vegetable", being implemented by

Dr. ASHWANI SHARMA, R.V. College of Engineering, Department: Biotechnology
 Address: R.V. College of Engineering, Mysore Road, Bangalore, Bangalore - 560059, Karnataka.

The detailed break-up is as given below:

S No	Institute Name	Recurring						Total Release Amount (Rs)
		Manpower	Consumables	Travel	Contingency	Others	Overhead	
1	R.V. College of Engineering	228000.00	39000.00	10000.00	10000.00	0.00	0.00	287000.00
Interest earned of Rs 26000 is re appropriated to consumables								

2. The amount of Rs. **287000.00** /-(Rupees Two Lakhs Eighty Seven Thousand Only) will be directly credited by the Pay & Accounts Officer, DET in the account as detailed below:

The Principal, R.V. College of Engineering, R.V. VIDYANIKETAN POST, Bangalore - 560059, Karnataka

Bank Name : Kotak mahindra Bank
 Branch Name : R V C E Branch
 A/c No : 136010112085
 IFSC Code : KKBK0008083
 MICR Code : 560064018

3. The expenditure involved is debit to:

Demand No. 85	Department of Biotechnology
3425	Other Scientific Research 2018-2019
3425.60	Others (Sub Major Head)
3425.60.200	Assistance to other Scientific Bodies (Minor Head)
3425.60.200.20	Biotechnology Research and Development
3425.60.200.29.17	Assistance for Research and Development
3425.60.200.29.17.31	Grants-in-Aid General

Generated through ePROJES

Vasishtha

Grams: 'ENESTIEL'
Phone : 0891-2586259
Fax : 0891-2559464



Naval Science & Technological Laboratory
Defence Research & Development Organization
Government of India, Ministry of Defence
Vigyan Nagar,
VISA KHAPATNAM-530 027 (A.P.)

No. NSTL/CARS/NST-208/2018-19/1

Date: 28th May 2018

CARS – Performance of underwater Torpedo shells under Hydrostatic loading by experimental and coupled analysis (Thermal & Hydrostatic pressure loading)

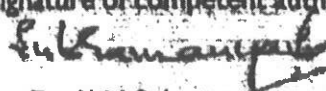
This Contract for Acquisition of Research Services (CARS) is hereby executed between President of India acting through Director, Naval Science and Technological Laboratory, Visakhapatnam and R V College of Engineering, Bengaluru for providing research services as per the terms and conditions set out in Annexure-2.

1.	NAME AND ADDRESS OF DRDO Lab. (Customer)			Naval Science & Technological Laboratory (Defence Research & Development Organisation) Ministry of Defence, Govt. of India, Vigyan Nagar, Visakhapatnam – 530 027		
2.	NAME AND ADDRESS OF THE RSP (Research Service Provider)			Dr. H N Narasimha Murthy, Professor & Head Department of Mechanical Engineering R V College of Engineering Mysore Road, Bengaluru-560059		
3.	Total Estimated Cost (Rs.) (including all taxes)			Rs.5,31,000 (Rupees Five Lakhs Thirty one Thousand only)		
4.	Start Date	Duration	Probable Date of Completion	28-05-2018	06 Months	27-11-2018
5.	Payment Schedules			Time Schedules		Amount (Rs.)
	Initial Advance (20% of Total Cost)					1,06,200
	Milestone – 1 (50% of Total Cost)			4 Months from start		2,65,500
	On submission of final report (30% of Total Cost)			6 Months from start		1,59,300
6.	Contractors Price bid Reference No. & Date			RVCE/ME/540/18-19 dated 16-05-2018		
7.	Nature of Work			Performance of underwater Torpedo shells under Hydrostatic pressure loading by experimental and coupled (Thermal and Hydrostatic pressure loading) analysis		
8.	Description of Work			Investigate the strains induced by the head flux and the hydrostatic pressure by numerical analysis of full torpedo and validation of numerical results with the experimental results of temperature profile and the strains due to hydrostatic pressure.		
9.	Scope of work / Payment Schedules / Deliverables			As per Appendix -A		

For & on behalf of the President of India	For & on behalf of the Contractor
 PD (ALWT)	

Project Director
ALWT

Summary Offer of Provision of Research Services

1. Title: DRDO's Research Service Qualitative Requirement (RSQR): Performance of Underwater Torpedo Shells under Hydrostatic pressure loading by Experimental and Coupled (Thermal and Hydrostatic pressure loading) Analysis		Offer Number: RVCE/PE/540/18-19 Date Received: 16 May 2018 Revised on:	
2. RSQR Document Ref. No.:	Date of Issue YY MM DD 2018 04	Issuing DRDO Lab/Estt/Project: NSTL, Vishakhapatnam	Remarks of RSQR initiator:
3. a) Name of Research Service Provider (RSP) making this offer: Dr H N Narasimha Murthy, Professor and Head, Department of Mechanical Engineering, R V College of Engineering, Mysuru Road, Bengaluru - 560 059, Karnataka		4. RSP's Ref. No. Date:	Judgement of OEC:
3. b) RSP's address for correspondence: Dr. H N Narasimha Murthy Professor and Head, Department of Mechanical Engineering, R V College of Engineering, Mysore Road, Bangalore - 560 059, Karnataka Telephone: 080-67178020 Fax: 080-67178011 Email: hnmdata@yahoo.com; hnmdata@gmail.com		5. (a) Key Personnel of RSP to be deployed: 1. Dr. H N Narasimha Murthy 2. Dr. M Krishna 3. Amit R. Patil 5. (b) RSP's sub-contractors/consultants: a) Name: Institute / Company : Not applicable	
6. Principal technical features of offer as related to RSQR : (Detailed in Appendix - A) - Enclosed			
7. DRDO-owned equipment that RSP requires to be positioned by DRDO: (Detailed With estimated costs, in attachment B): Nil			
8. Estimated time to complete provision of research services and submit final report:		06 months from the date of sanction	
9.1 Estimated expenditure (as elaborated in reverse) on:		Rs. In lakh	
(a) Personnel - (@ Rs 25000/- per month for six months)		1.500	
(b) Consumables / Equipment / Testing Services		1.640	
(c) Travel & Contingency		1.060	
(d) Institutional overheads		0.300	
Total:		4.500	
GST (@ 18 %)		0.810	
Grand Total		5.310	
9.2 Required schedule of payments (Rs. in lakh)		Date	Payment
(a) Initial advance		To	20.00 %
(b) at Performance Milestone I of RSQR		To + 4 Months	50.00 %
(c) at Performance Milestone III of RSQR / On submission of Final Report		To + 6 Months	30.00 %
Total:		100.00 %	
10. References to R&D work being performed by RSP for Armed services/DRDO/other S&T (including foreign) agencies:		11. Offer as above valid till (date):	
		12. Signature of competent authority of RSP:  Name: Dr. K. N. Subramanya Designation: Principal Name of Institute: R V College of Engineering, Mysuru Road, Bengaluru - 560 059	

For DRDO use

Instructions to fill this sheet are on the reverse. Please read them.

Send filled-in form to: The Director, NSTL, Vishakhapatnam, Bengaluru - 560 059

2018-19

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BT/PR15059/TDS/121/9/2015
 Government of India
 Ministry of Science & Technology
 Department of Biotechnology

Block-2, 6-8th Floors,
 CGO Complex, Lodi Road,
 New Delhi - 110003

Dated: 13.10.2017

ORDER

Sanction of the President is hereby accorded under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the implementation of the Project entitled "Assessment of SNP Variation in Silkworm (*Bombyx mori* L.) by RAD Sequencing and Genome-wide Association Mapping of Important Commercial Traits". at a total cost of ₹ 67.42 lakhs (Rupees Sixty Seven lakhs Forty Two thousand only) jointly at Central Sericultural Research & Training Institute (CSRTI), Mysore (₹ 44.65 lakhs) and R. V. College of Engineering (RVCE), Bangalore (₹ 24.27 lakhs) on the terms and conditions detailed here under:

2.0 The Project:

2.1 Title: Assessment of SNP Variation in Silkworm (*Bombyx mori* L.) by RAD Sequencing and Genome-wide Association Mapping of Important Commercial Traits

2.2 Investigator:

Name of the PI & Implementing Institute:

1. Dr. Shunmugam Manthira Moorthy, Scientist D, Department of Silkworm Breeding and Molecular Biology, Central Sericultural Research & Training Institute (CSR&TI), Srirampura, Mysore - 570008
2. Dr. Vidya Niranjana, Associate Dean, Department of Biotechnology, R. V. College of Engineering, Mysore Road, Bangalore - 560059

Name of the Co-PI(s) & Implementing Institute(s):

1. Dr. L. Kusuma, Scientist 'B', Department of Silkworm Breeding and Molecular Biology, CSR&TI, Mysore
2. Dr. R. Sumathy, Bioinformatics Officer, Bioinformatics Centre, CSR&TI, Mysore

2.3 Project Objectives:

1. Identification of SNP variation in silkworm genotypes by sequencing of diverse silkworm genotypes.
2. Analysis of SNP data for use in different aspects of molecular breeding of silkworm.
3. Development of web accessible database hosting the developed genomics resources for use by different silkworm researchers in India.

2.4 Time Schedule:

The duration of the project is three years from the date of this sanction order.

2.5 Manpower:

S.No.	Designation	No. of Positions	Emoluments (In Rupees)	
			CSR&TI, Mysore component	
1.	Junior Research Fellow	One	₹ 12,000/- fixed per month + 25% HRA for year I and II, ₹ 14,000/- fixed per month + 25% HRA for year III	

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18/19/9/VN

BT/PR15059/TDS/121/9/2015
Government of India
Ministry of Science & Technology
Department of Biotechnology

Block 2, 6-8 Floors,
 CGO Complex, Lodi Road,
 New Delhi-110003

Dated: 28.11.2018

ORDER

In continuation of this Department's sanction order of even number dated 31.10.2017, sanction of the President is hereby accorded, under Rule 18 of the Delegation of Financial Powers Rules, 1978, for the release of a sum of ₹ 6.26 lakhs (Rupees Six lakhs Twenty Six thousand only) to R. V. College of Engineering, Bangalore being the second release for implementation of the project entitled "Assessment of SNP Variation in Silkworm (*Bombyx mori* L.) by RAD Sequencing and Genome-wide Association Mapping of Important Commercial Traits" as per breakup given below:

S. No.	Item	Amount (₹ in lakh)
Recurring:		
1.	Manpower	1.31
2.	Consumables	4.95
Total:		6.26

- The other terms and conditions governing the financial sanction will remain unaltered.
- The amount of ₹ 6.26 lakhs (Rupees Six lakhs Twenty Six thousand only) shall be directly credited to the following bank account of *the Principal, R. V. College of Engineering, Bangalore* through RTGS:
Name of the Bank: Kotak Mahindra Bank, RV College of Engineering, Bangalore
Account No.: 136010112055
IFSC Code: KKBK0008053
- The expenditure involved is debitable to 85: Department of Biotechnology; 3425: Other Scientific Research (Major Head); 60: Others (Sub-Major Head); 60.200: Assistance to other Scientific Bodies (Minor Head); 29: Biotechnology Research and Development; 29.17: Assistance for Research and Development; 29.17.31: Grants-in-Aid General for the year 2018-2019.
- The copy of the Utilization Certificate for the year 2017-2018 is enclosed. All the Utilization Certificates due for rendition have been received and accepted by the Head of Division/ competent authority.
- The Competent Authority has allowed a sum of ₹ 2.84 lakh to be carried forward to the current financial year 2018-2019.
- In case the whole or a part of the amount of the grant-in-aid is being refunded, an interest at the rate of ten per cent per annum thereon shall be recovered.
- As per rule 236(1) of GFR 2017, audit of account – the Accounts of all grantee Institutions or Organizations shall be open to inspection by the sanctioning authority and audit, both by the Comptroller and Auditor General of India under the provision of

Mold. A. [Signature]

B & BA, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector: B, Pocket B, Vasant Kunj
New Delhi 110070

Dated 18 Mar 2017

ORDER
Subject: Financial Sanction of the research project titled "Evaluation of Thermal residual stresses due to Laser ablation of Tantalum carbide Coatings" under the guidance of Dr. Bharatish A. Mechanical Engineering, RV College of Engineering, Bangalore Bangalore rural district, Karnataka 560059 and by Dr. Narasimha Murthy HN, Professor And Head, Mechanical Engineering, RV College Of Engineering and by Dr. B Anand, Professor, Mechanical Engineering, RV College Of Engineering. Release of 1st grant

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 1970100/- (Rs. Nineteen Lakh Seventy Thousand One Hundred Only) with break-up of Rs. 25000/- under Capital (Non-recurring) head and Rs.1945100/- under General (Recurring) head for a duration of Three years. The items of expenditure for which the total allocation of Rs. 1970100/- has been approved are given below:

The following budget may be considered for RV College Of Engineering, RV Vidyanikethan Post, Mysore Road, Bangalore

S. No	Head	Total (In Rs.)
A	Non-recurring	
1	Equipment -> Temperature Gun	25000
A'	Total (Non-Recurring)	25000
B	Recurring Items	
1	Recurring - A (Manpower, Consumables, Travel, Contingencies)	1766000
2	Recurring - B (Overhead Charges)	179100
B'	Total (Recurring)	1945100
C	Total cost of the project (A + B')	1970100

- Sanction of the SERB is also accorded to the payment of Rs. 25000/- (Rupees Twenty Five Thousand only) under 'Grants for creation of capital assets' and Rs. 100000/- (Rupees One Lakh only) under 'Grants-in-aid General' to Principal, RV College Of Engineering, RV Vidyanikethan Post, Mysore Road, Bangalore being the first installment of the grant for the year 2016-2017 for implementation of the said research project.
- The expenditure involved is debit to Fund for Science & Engineering Research (FSER). This release is being made under Extra Mural Research Funding (Individual Centric), (PAC Civil and Mechanical Engineering).
- The Sanction has been issued to RV College Of Engineering, RV Vidyanikethan Post, Mysore Road, Bangalore with the approval of the competent authority under delegated powers on 07 March, 2017 and vide Diary No SERB/T/5327/2016-17 dated 10 March, 2017.
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing Infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.
- The release amount of Rs. 125000/- (Rupees One Lakh Twenty Five Thousand only) will be drawn by the Finance & Budget Officer of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Principal, RVCE
Account Number	136010112055
Bank Name & Branch	KOTAK MAHINDRA BANK RVCE Branch RV Vidyanikethan Post Mysore Road Bangalore 560059
IFSC/RTGS Code	KKBK0004053
Email id of A/C Holder	principal@rvce.edu.in
Email id of PI	bharatish@rvce.edu.in

11. The institute will furnish to the SERB, New Delhi, separate Utilization certificate (UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

The Electronic Project Proposal Management System For SERB

12. The institute will maintain separate banked accounts for the project. A part or whole of the grant must be kept in an account opening from the account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.
13. The project file no. EMR/2016/003173 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
14. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any beyond the duration of the project.
15. As this is the first grant being released for the project, no previous U/C is required.
16. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.
17. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.
18. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. Pankaj K. Rawat)
Scientist C
ms_cmer@serbonline.in

To,
Finance & Budget Officer
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor L.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	Dr. Bharatish A Mechanical Engineering RV College of Engineering, R v vidyanikethan post, mysore road, bangalore, Bangalore rural district, Karnataka-560059 Email: bharatishka@rvce.edu.in Mobile: 919886445035 Dr. Narasimha Murthy HN Mechanical Engineering RV College Of Engineering Dr. B Anand Mechanical Engineering RV College Of Engineering (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	Principal, RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Pankaj K. Rawat)
Scientist C
ms_cmer@serbonline.in

18-19 - (12)

SB → 2A 1420316
 IO: 35020000PT

SR/NM/NT-1025/2017 (G)
 Government of India
 Ministry of Science & Technology
 Department of Science & Technology

Technology Bhavan
 New Mehrauli Road
 New Delhi - 110 016
 Dated: 21st December, 2018

ORDER

Subject Financial approval of the technology project entitled "Development of geopolymer composites for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity" by Dr. Radhakrishna, Associate Professor, D/o Civil Engineering, RV College of Engineering, Bengaluru - Approval of the project and release of first installment of the "General" grant.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 67,26,800/- (Rupees sixty seven lakh twenty six thousand eight hundred only) with General Component of Rs. 44,76,800/- (Rupees forty four lakh seventy six thousand eight hundred only) and Capital Component of Rs. 22,50,000/- (Rupees twenty two lakh fifty thousand only). The detailed breakup of the grant for General as well as Capital Components are given below:

Budget Head	1 st year	2 nd year	3 rd year	Total
Recurring A				
Equipment	22,50,000	0	0	22,50,000
Mixer and Concrete permeability meter				
Sub Total A	22,50,000	0	0	22,50,000
Non- Recurring B				
Manpower – 2 JRFs (1 for 3 years & 1 for 12 month) 25000-25000-28000 + 30% HRA	7,80,000	3,90,000	4,36,800	16,06,800
Consumables	9,88,000	3,82,000	96,000	14,66,000
National Travel	30,000	75,000	45,000	1,50,000
Contingencies	1,00,000	70,000	50,000	2,20,000
Work to be outsourced	2,50,000	2,00,000	1,34,000	5,84,000
Overhead Charges	1,50,000	1,50,000	1,50,000	4,50,000
Sub Total B	23,18,000	12,42,000	9,16,800	44,76,800
Total (A+B)	45,68,000	12,42,000	9,16,800	67,26,800

- Sanction of the President is also accorded for payment of Rs.23,18,000/- (Rupees twenty three lakh eighteen thousand only) under 'General' expenditure to the Principal, RVCE, Bangalore as first installment of the grant for implementation of the above project.
- This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Performa prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
- The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
- If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
- The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.Bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of grant/ closure of project accounts.
- The institute is already registered with NGO DARPAN Portal bearing No KA/2017/0115493.

RVCE/2747/18-19/10-1-19

18-19/12/18
 A/c 7
 7/11

Receipt to PPA's SB A/c of
 9/1/19 - ₹ 22,50,000 & 11/1/19 - ₹ 23,18,000
 ↓
 1 - 1924/9.1.19
 ...contd 2/-
 1 - 1921/04.03

8. The grant-in-aid being released is subject to the condition that:
- A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
 - While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. This project does not provide for any payment of honorarium/ remuneration/ fellowship/ scholarship to the PI.
11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
13. Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debit able to:

Demand No.84: Department of Science & Technology for the year 2018-19:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
69	Research and Development
69.00.31	Grants-in-aid General for the year 2018-19 (Nano Mission 3425.60.200.36.00.31)

15. The amount Rs.23,18,000/- (Rupees twenty three lakh eighteen thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Principal, RVCE, Bangalore. The bank details for electronic transfer of funds through RTGS are given below:

1.	Name of the Account Holder	Principal, RVCE, Bangalore
2.	Name of the Bank	Kotak Mahindra Bank Ltd, RVCE Branch, RVCE Campus, Mysore Road, Bangalore-560059.
3.	Bank Account Number	136010112055
4.	IFSC Code	KKBK0008053
5.	MICR Code	560485068

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No.83 NMD in the register of grants maintained in the Division for the scheme Nano Mission.

17. This issues with the concurrence of IFD Vide their Dy.No. C/4288/IFD 2018-19 dated 21.12.2018.

(Milind R Kulkarni)
Scientist-G

To,
The Pay & Accounts Officer, DST

Copy forwarded for information and necessary action to:

- Drawing and Disbursing Officer, DST, Cash Section. (Copy with two spare copies)
- Integrated Finance Division, DST

3. Dr. Radhakrishna Associate Professor, D/o Civil Engineering RV College of Engineering, RV Vidyaniketan PO, Bangalore - 560059.	4. Principal Associate Professor, D/o Civil Engineering RV College of Engineering, RV Vidyaniketan PO Bangalore - 560059.
--	--

- The Principal Director of Audit, Scientific Departments, 11/rd floor, AGCR Building, I.P. Estate, New Delhi - 110 002.
- Sanction folder (Nano Mission)
- File copy

(Milind R Kulkarni)
Scientist-G

ORDER

Subject:	Financial approval of the technology project entitled "Development of geopolymers for enhanced mechanical properties and to subside air pollution by the addition of nano particles with emphasis on achieving content uniformity" by Dr. Radhakrishna, Associate Professor, D/o Civil Engineering, RV College of Engineering, Bengaluru - Release of first installment of the "Capital" grant.
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In continuation to the sanction order no. DST/NM/NT-1025/2017 (G) dated 21.12.2018, sanction of the President is hereby accorded for payment of a sum of Rs.22,50,000/- (Rupees twenty two lakh fifty thousand only) to the Principal, R V College of Engineering Bengaluru, Karnataka- 560 059 as first installment of the "Capital" grant for procurement of equipment for implementation of the above said project.

2. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Performa prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

3. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

4. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

5. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., www.Bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of grant/ closure of project accounts.

6. The institute is already registered with NGO DARPAN Portal bearing No KA/2017/0115493.

7. The grant-in-aid being released is subject to the condition that:

- a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
- b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

8. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

9. This project does not provide for any payment of honorarium/ remuneration/ fellowship/ scholarship to the PI.

10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

...contd 2/-

12. Failure to comply with the terms and conditions of the Order will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

13. The expenditure involved is debit able to:

Demand No.84: Department of Science & Technology for the year 2018-19:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
69	Research and Development
69.00.35	Grants-In-aid Capital for the year 2018-19
	(Nano Mission 3425.60.200.36.00.35)

14. The amount Rs.22,50,000/- (Rupees twenty two lakh fifty thousand only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Principal, RV College of Engineering, Bengaluru - 560059. The bank details for electronic transfer of funds through RTGS are given below:

1.	Name of the Account Holder	Principal, RVCE, Bangalore
2.	Name of the Bank	Kotak Mahindra Bank Ltd, RVCE Branch, RVCE Campus, Mysore Road, Bangalore-560059.
3.	Bank Account Number	136010112055
4.	IFSC Code	KKBK0008053
5.	MICR Code	560485068

5. As per Rule 234 of GFR 2017, this sanction has been entered at S. No.84 NMD in the register of grants maintained in the Division for the scheme Nano Mission.

6. This issues with the concurrence of IFD Vide their Dy.No. C/4289/IFD 2018-19 dated 21.12.2018.

Milind R Kulkarni
(Milind R Kulkarni)
Scientist-G

To,
The Pay & Accounts Officer, DST

Copy forwarded for information and necessary action to:

1. Drawing and Disbursing Officer, DST, Cash Section. (Copy with two spare copies)
2. Integrated Finance Division, DST

3. Dr. Radhakrishna Associate Professor, D/o Civil Engineering RV College of Engineering, RV Vidyaniketan PO, Bangalore - 560059.	4. Principal Associate Professor, D/o Civil Engineering RV College of Engineering, RV Vidyaniketan PO, Bangalore - 560059.
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5. The Principal Director of Audit, Scientific Departments, 11rd floor, AGCR Building, I.P. Estate, New Delhi- 110 002
6. Sanction folder (Nano Mission)
7. File copy

Milind R Kulkarni
(Milind R Kulkarni)
Scientist-G

2018-19
2020-21

(13)
(5)

F. No. DST/TMD/SERI/S46(C)
Government of India
Ministry of Science & Technology
Department of Science & Technology
(Technology Mission Division- Water and Clean Energy)

Technology Bhavan, New Delhi
Dated: 27/10/2017

Sanction order

Sub: - Financial support for project entitled "Enabling investigations for high efficiency nanocrystalline a-si:H HIT solar cells" by Dr. T. K. Subramanyam, Associate Professor, R. V. College of Engineering, R. V. Vidyaniketan PO, Mysore Road, Bangalore-560059.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 55,64,240/- (Rupees Fifty five lakhs sixty four thousand two hundred forty only) for a duration of 3 years. The detailed breakup of the grant for General as well as Capital Components are given below: -

Capital Component: Rs. 9,07,000/-

General Component: Rs. 46,57,240/-

S. No	Item Head	1st Year	2nd Year	3rd Year	Total (Rs.)
A	Capital component 3425.60.200.70.00.35				
1.	Permanent Equipments: Basic Screen printing setup and Scrubber system	907000			907000
A'	Sub total (capital items)	907000			907000
B	General Component 3425.60.200.70.00.31				
1.	Manpower (2 JRF)	720000	720000	806400	2246400
2.	Consumables	400000	400000	190000	990000
3.	Contingencies	30000	30000	30000	90000
4.	Travel	50000	50000	50000	150000
5.	Other Cost	250000	250000	175000	675000
6.	Overhead	200000	200000	105840	505840
B'	Sub total (General)	1650000	1650000	1357240	4657240
C	Total cost of the project (A'+B')	2557000	1650000	1357240	5564240

2. The sanction of the President is also accorded to the initial release of Rs. 9,07,000/- (Rupees Nine lakhs seven thousand only) to R. V. College of Engineering, R. V. Vidyaniketan PO, Mysore Road, Bangalore-560059 being the first installment of grant under Capital Component for implementation of the above mentioned project.

3. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

same
at head

1. Name of the Account Holder: Principal, RVCE
2. Name of the Bank: Kotak Mahindra Bank Limited, R. V. College of Engineering Branch
RVCE Campus, 8th Mile, Mysore Road, Bengaluru-560059.
3. Bank Account Number: 136010112055
4. IFSC Code: KKBK0008053
5. MICR Code: 560485068

15. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 274 in the register of grants (TMD - WE) maintained in the Division for the scheme (Innovation, Technology Development and Deployment).

16. This issues with the concurrence of IFD Vide their Concurrence Dy. No. 2728 dated the 26/09/2017

17. Sanction of the grant is subject to the conditions as detailed in DST website www.dst.gov.in. The acceptance of the grant will automatically imply acceptance of DST's term and conditions of the grant. The project would be monitored by a monitoring Committee appointed by Department of Science and Technology, Govt. of India. The project team ensure that legacy functional arrangement shall be put in place during the execution of project with institution/local bodies etc so that equipment/system can be maintained after the end of project period without DST support. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc. The Principal Investigator of the project has to ensure of obtaining the statutory clearances required for execution of the project.

The institute is registered under NGO Darpan Portal and their Unique ID is KA/2017/0115493.

19. It is important that the information and knowledge generated through the use of these funds are made publicly available as soon as possible. In order to achieve the aforementioned objectives, each institution is encouraged to set up its own inter-operable institutional open access repository ("IR") for its research papers and review articles published in peer reviewed journals. The Ministry of Science and Technology has set up a central harvester (www.sciencecentral.in) that will harvest the full text and metadata of these publications. Kindly update the findings accordingly.


Vineet Saini
Scientist 'D'

To

The Pay and Accounts Officer,
Department of Science & Technology,
New Delhi.

Copy for information and necessary action to:-

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. The Director of Audit, III Floor, AGCR Building, IP Estate, New Delhi
5. Dr. T. K. Subramanyam,
Associate Professor,
R. V. College of Engineering,
R. V. Vidyaniketan PO, Mysore Road,
Bangalore-560059
6. The Principal,
R. V. College of Engineering,
R. V. Vidyaniketan PO, Mysore Road,
Bangalore-560059
7. Sanction folder

POSTAL ORDER SERI S 46 (GIC)



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ON INDIA GOVERNMENT SERVICE

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7/11



SNPL Speed Post
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Post. Off. New Delhi-110021

और प्रौद्योगिकी विभाग

जी भवन, न्यू महारौली रोड, नई दिल्ली-११००१६

DEPARTMENT OF SCIENCE & TECHNOLOGY, Technology Bhavan, New Mehrauli Road, New Delhi-110016



18-19 (14)

Dr. H. Honne Gowda
Special Director (Technical),
Dept. of IT, BT and S&T/ Managing director, KSTePS
No. KSTePS/VGST-RGS/F/GRD No.720/2017-18

Date: 27.08.2018

Dear Sir/Madam,

Sub: Intimation of selection of RGS/F 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 RGS/F Engineering program titled "Development of Zinc Oxide Nanotubes based Sensors for Air Pollution Monitoring" submitted under the VGST scheme 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. You may kindly initiate necessary action for organization of the program at the earliest.

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

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

Thanking You,

Yours sincerely,

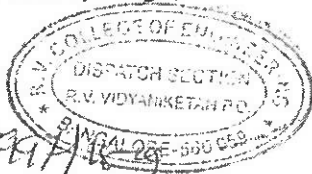
Managing Director

Mahindra
Kotak Bank Ak no :- 2213476337

To,
The Principal
R. V. College of Engineering
R.V.Vidyanekathan Post, Mysore Road
Bengaluru - 560 059

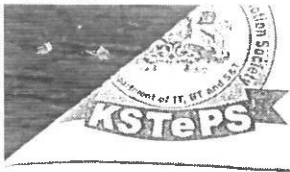
18-19/14

- CC: 1. Dr. Shivaraj. B.W, Dept. of Mechanical Engg., R. V. College of Engineering, R. V. Vidyanekathan Post, Mysore Road, Bengaluru - 560 059 - RGS/F Grantee.
2. Consultant, Vision Group on Science and Technology, KSTePS, Dept. of IT, BT and S&T Karnataka Government Secretariat, Room No. 702, 7th Floor, 4th Gate, M. S. Building Dr. Ambedkar Veedhi, Bangalore- 560 001.



RVB/18/19/14

Dr. Shivaraj B.W. / Mr. Mahindra / KTC / skno
31/8/18



ಡಾ. ಹೆಚ್. ಹೊನ್ನೇಗೌಡ
 ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್‌ಟೆಪ್ಸ್

ನಂ. KSTePS/VGST/RGS/F/2017-18/GRD-720/12/2018-19 /167

ದಿನಾಂಕ: 05.09.2018

ಮಾನ್ಯರೇ,

ವಿಷಯ: 2017-18ನೇ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ RGS/F ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಅನುದಾನ ಬಡುಗಡೆ ಮಾಡುವುದರ ಬಗ್ಗೆ.

ಉಲ್ಲೇಖ: 1) ವಿಯುಇ 154 ವಿತ್ತಮ 2018 ದಿ. 18.08.2018

2) No. KSTePS/VGST- RGS/F/GRD No.720/2017-18/157, Date: 27.08.2018

ಮೇಲ್ಕಂಡ ವಿಷಯ ಮತ್ತು ಉಲ್ಲೇಖಗಳಿಗೆ ಸಂಬಂಧಿಸಿದಂತೆ, 2017-18ನೇ ಸಾಲಿನಲ್ಲಿ ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಸಲ್ಲಿಸಿದ ಪ್ರಸ್ತಾವನೆಯಾದ "Development of Zinc Oxide Nanotubes based Sensors for Air Pollution Monitoring"ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Research Grant for Scientist/Facalties (RGS/F) ನ ಯೋಜನೆಯಡಿಯಲ್ಲಿ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿದ್ದು, ಅದರಂತೆ ಆದೇಶ ನೀಡಿರುವುದು ಸರಿಯಷ್ಟೆ.

ಈ ಸಂಬಂಧ, ವಿತಂದಾಸದ RGS/F ಯೋಜನೆಯಡಿ ಆಯ್ಕೆಯಾದ ತಮ್ಮ ಸಂಸ್ಥೆಗೆ ರೂ. 5.00 ಲಕ್ಷಗಳ ಅನುದಾನವನ್ನು ಬಡುಗಡೆ ಮಾಡಲು ದಿನಾಂಕ: 05.09.2018 ರಂದು Principal, RVCE ಹೆಸರಿನಲ್ಲಿ ಚೆಕ್ (ನಂ. 384842) ಬರೆದು, ಸದರಿ ಚೆಕ್‌ನ್ನು ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿ ಕಳುಹಿಸಿಕೊಡಲಾಗಿದೆ. ಮುಂದುವರಿದು, ಚೆಕ್ ಸ್ವೀಕರಿಸಿದ ನಂತರ ಸ್ವೀಕೃತಿ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್‌ಟೆಪ್ಸ್‌ಗೆ ಕಳುಹಿಸುವುದು ಹಾಗೂ ಸದರಿ ಅನುದಾನವನ್ನು ಯಾವುದಾದರೂ ರಾಷ್ಟ್ರೀಕೃತ ಬ್ಯಾಂಕ್‌ಗಳಲ್ಲಿ ಉಳಿತಾಯ ಖಾತೆಯಲ್ಲಿಟ್ಟು (Saving Bank Account) ಅಗತ್ಯಕನುಗಣವಾಗಿ ಅನುದಾನವನ್ನು ಬಳಸುವಂತೆ ಕೋರಲಾಗಿದೆ.

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

....2

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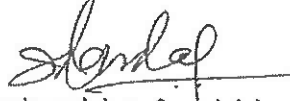
Handwritten signature and date: 21/3/18

ಮುಂದುವರಿದು, ಚದುಗಡೆಯಾದ ಅನುದಾನವನ್ನು ಬಳಸಿಕೊಂಡ ನಂತರ ಎಲ್ಲಾ ವೆಚ್ಚಗಳನ್ನು ನೋಂದಾಯಿತ ಲೆಕ್ಕ ಪರಿಶೋಧಕರಿಂದ ಆಡಿಟ್ ಮಾಡಿಸಿ, ಈ ಪತ್ರದೊಂದಿಗೆ ಲಗತ್ತಿಸಿರುವ ನಮೂನೆಯಲ್ಲಿ (Format) ದೃಢೀಕರಿಸಿದ ಖರ್ಚು ವೆಚ್ಚಗಳನ್ನೊಳಗೊಂಡ ಉಪಯೋಗತಾ ಪ್ರಮಾಣಪತ್ರವನ್ನು ದ್ವಿಪ್ರತಿಯಲ್ಲಿ ಕೆಸ್ತೆಪ್ಪ್ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸಿಕೊಡುವುದು. ಸದರಿ ಯೋಜನೆಗೆ ಸಂಬಂಧಪಟ್ಟ ಎಲ್ಲಾ ಲೆಕ್ಕ ಪತ್ರಗಳನ್ನು ಸಂರಕ್ಷಿಸಿಡುವುದು ಹಾಗೂ ಮಹಾಲೇಖಪಾಲಕರು ಮತ್ತು ಸರ್ಕಾರವು ತಪಾಸಣೆಗಾಗಿ ಕೋರಿದಲ್ಲಿ ತಪ್ಪದೇ ಒದಗಿಸುವುದು. ಈ ಯೋಜನೆಗೆ ಸಂಬಂಧಿಸಿದಂತೆ ಪ್ರತ್ಯೇಕ ದಾಖಲೆ ಪುಸ್ತಕವನ್ನು ಸಹ ನಿರ್ವಹಿಸಬೇಕೆಂದು ಕೋರುತ್ತೇನೆ.

ಹೆಚ್ಚಿನ ಮಾಹಿತಿಗಾಗಿ ಡಾ|| ಎಸ್. ಜಿ. ಶ್ರೀಕಂಠೇಶ್ವರ ಸ್ವಾಮಿ, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ಇವರನ್ನು ಸಂಪರ್ಕಿಸಬಹುದು. ದೂರವಾಣಿ ಸಂಖ್ಯೆ 080- 22032013
ಇ-ಮೇಲ್: visiongroup.st@gmail.com

ವಂದನೆಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,


ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು

→ ಇವರಿಗೆ,

Principal
R. V. College of Engineering
R.V. Vidyanekathan Post
Mysore Road
Bengaluru - 560 059

ಪ್ರತಿ: 1) Dr. Shivaraj. B.W, Department of Mechanical Eng., R. V. College of Engineering
R.V. Vidyanekathan Post, Mysore Road, Bengaluru - 560 059.

2) ಡಾ|| ಎಸ್. ಜಿ. ಶ್ರೀಕಂಠೇಶ್ವರ ಸ್ವಾಮಿ, ಸಮಾಲೋಚಕರು, ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 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

18-19-15
~~2213476306~~
Kotak Ac No
Account No, 22 134 76 306

Dr. H. Honne Gowda
Special Director (Technical),
Dept. of IT, BT and S&T/ Managing director, KSTePS
No. KSTePS/VGST-RGS/F/GRD No.704/2017-18

Date: 27.08.2018

Dear Sir/Madam,

Sub: Intimation of selection of RGS/F 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 RGS/F Engineering program titled "Design and Development of Flexible thin Film Sensors for Wearable Electronics" submitted under the VGST scheme 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. You may kindly initiate necessary action for organization of the program at the earliest.

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

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

Thanking You,

Kotak Mahendra Bank

AcNo: 2213476306

Yours sincerely,


Managing Director

To,
The Principal
R. V. College of Engineering
RV Vidya niketan Post
8th Mile, Mysore Road
Bengaluru - 560 059

18-19/15

- CC: 1/ Prof. Roopa. J, Dept. of ECE, R. V. College of Engineering /RV Vidyaniketan Post, 8th Mile, Mysore Road, Bengaluru - 560 059 - RGS/F Granteee.
2. Consultant, Vision Group on Science and Technology, KSTePS, Dept. of IT, BT and S&T Karnataka Government Secretariat, Room No. 702, 7th Floor, 4th Gate, M. S. Building Dr. Ambedkar Veedhi, Bangalore- 560 001.



2018-19 (15)

Karnataka Science and Technology Promotion Society
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Special Director (Technical),
Dept. of IT, BT and S&T/ Managing director, KSTePS

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CC: 1. Prof. Roopa. J, Dept. of ECE, R. V. College of Engineering, RV Vidyaniketan Post, 8th Mile, Mysore Road, Bengaluru - 560 059 - RGS/F Grantee.

2. Consultant, Vision Group on Science and Technology, KSTePS, Dept. of IT, BT and S&T Karnataka Government Secretariat, Room No. 702, 7th Floor, 4th Gate, M. S. Building Dr. Ambedkar Veedhi, Bangalore- 560 001.

18-19
-16

FILE NO. TAR/2018/000864
SCIENCE & ENGINEERING RESEARCH BOARD(SERB)
(A statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor
Vasant Square Mall
Plot No. A, Community Centre
Sector-B, Pocket-5, Vasant Kunj
New Delhi-110070

Dated 27-Feb-2019

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Ms. Anupama Venkaresh Joshi, RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore, Bangalore Rural District, Karnataka-560059- under the mentorship of Dr. Sanjeev Kumar Gupta, at Indian Institute of Science Bangalore - 560012- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Eighteen Lakh Thirty Thousand Only) for a duration of 36 months.

The date of start of the project will be 26 November, 2018. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for
RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore, Bangalore Rural District, Karnataka-560059 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

Indian Institute of Science Bangalore - 560012 (Host)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 (on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Indian Institute of Science Bangalore - 560012 being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

3. The expenditure involved is debitible to

Fund for Science & Engineering Research (FSER)

This release is being made under Teachers Associateship For Research Excellence (TARE), (Mechanical & Manufacturing Engineering & Robotics)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/11674/2018-2019 dated 27 February, 2019

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	Principal, RVCE
Account Number	136010112055
Bank Name & Branch	KOTAK MAHINDRA BANK LTD R V COLLEGE OF ENGINEERING BRANCH R V C E CAMPUS, MYSURU ROAD, BENGALURU 560059
IFSC/RTGS Code	KKBK0008053
Email address of PI	anupamavj@rvce.edu.in
Email id of A/C Holder	principal@rvce.edu.in
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Account Name	The Registrar, IISc
Account Number	31728098170
Bank Name & Branch	STATE BANK OF INDIA STATE BANK OF INDIA, IISc Branch, IISc, Bengaluru 560012
IFSC/RTGS Code	SBIN002215
Email address of PI	anupamavj@rvce.edu.in
Email id of A/C Holder	registrar@isc.ac.in
Email address of concerned officer	ms_tare@serbonline.in

9. Both the institutes will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further instalment of the grant.


11. The File no. TAR/2013/000964 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. T Thangaradjou)
Scientist E
ms_tare@serbonline.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to :-

1.	The Principal Director of Audit, A.G.C.R Building, IIIrd Floor I.P Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	(i) Ms. Anupama Venkatesh Joshi Chemical Engineering RV College of Engineering, R v vidyanikethan post, mysore road, bangalore, Bangalore rural district, Karnataka-560059 Email: anupamavj@rvce.edu.in Mobile: 919741977588 (ii) Dr. Sanjeev Kumar Gupta Indian Institute of Science Bangalore - 560012 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	(i) PRINCIPAL, RV College Of Engineering, R V Vidyanikethan Post, Mysore Road, Bangalore (ii) Director Indian Institute of Science Bangalore - 560012 (Receipt of Grant may be intimated by name to the undersigned)


(Dr. T Thangaradjou)
Scientist E
ms_tare@serbonline.in