



Panchajanya Vidya Peetha Welfare Trust (Regd)

Dr. Ambedkar Institute of Technology

An Autonomous Institution, Affiliated to Visvesvaraya Technological University, Belagavi,
Aided by Govt. of Karnataka, Approved by All India Council for Technical Education (AICTE), New Delhi
Accredited by NBA and NAAC with 'A' Grade

Dr.AIT/IQAC/2022-23

BDA Outer Ring Road, Mallathalli, Bengaluru - 560 056

24-02-2023

Ref. No.

Date :

List of grants for research projects received during the last five years along with the nature of award, the awarding agency and the amount.

Sl. no.	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in lakhs)	Duration of the project
01	Dr. Vishwanath. M.M	Dr. AIT	Non-Government	Mechanical Engineering	2021-22	3.00	02 Years
02	Dr. Madan Kumar	Dr. AIT	Non-Government	Physics	2021-22	5.00	02 Years
03	Dr. B. Sooryanarayana	Dr. AIT	Non-Government	Mathematics	2021-22	1.00	02 Years
04	Dr. Bhanupratap .R	Dr. AIT	Non-Government	Mechanical Engineering	2021-22	1.90	02 Years
05	Dr. Ravish D K	Dr. AIT	Non-Government	Medical Electronics	2021-22	0.50	02 Years
06	Dr. K.R. Shylaja	Dr. AIT	Non-Government	Computer Science	2021-22	1.50	02 Years
07	Dr. Bhagya Lakshmi H	Dr. AIT	Non-Government	Chemistry	2021-22	1.25	02 Years
08	Dr. M.H. Leela and Dr. S. Baskaran.	Dr. AIT	Non-Government	MBA	2021-22	0.45	02 Years
09	Rajesh K	Dr. AIT	Non-Government	IEM	2021-22	2.50	02 Years
10	Dr. T N Raju / Dr. Indumathi S. K	VTU-Research Grants Scheme	Government	Mechanical Engineering/Master of Computer Applications	2021-22	6.00	02 Years
11	Srinivas A H	KSCST	Government	ECE	2021-22	0.06	6 months
12	Dr. Rangaswamy	KSCST	Government	EIE	2021-22	0.06	6 months
13	Dr. Rajesh M	KSCST	Government	EIE	2021-22	0.06	6 months
14	Sowmya M	KSCST	Government	ECE	2021-22	0.07	6 months
						23.35	

Ph : 23211232, Fax : 080-23217789, E-mail : principal@drait.edu.in, Website : www.drait.edu.in

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01	Hamsarekha S.D	KSCST	Government	EIE	2020-21	0.06	6 months
02	Smitha Shekar B	KSCST	Government	CSE	2020-21	0.06	6 months
03	Dr.S. D. Venkataraja Mohan/ Dr. A. A. Jahagirdar	KSCST	Government	Civil Engineering/Chemistry	2020-21	0.05	01 year
04	Madhu B	KSCST	Government	CSE	2020-21	0.06	6 months
05	Monikashree T S	KSCST	Government	EIE	2020-21	0.06	6 months
06	Prof.Umadevi H, Prof. jahagirdar A A	KSCST	Government	ECE	2020-21	0.06	6 months
07	Prof. T Srinath & Mr. Rajesh Chandra	KSCST	Government	Mechanical	2020-21	0.06	01 year
08	Dr. Prashanth C. R.	KSCST	Government	ETE	2020-21	0.05	6 months
09	Vinutha H	KSCST	Government	CSE	2020-21	0.06	6 months
10	N. Chetan	KSCST	Government	IEM	2020-21	0.06	6 months
11	Prof. Ramesh S, Mala Sinnoor	KSCST	Government	ECE	2020-21	0.06	6 months
12	Dr. T. N. Raju & Dr. C. R. Mahesha	VGST / KSTePS	Government	Mechanical & IEM	2020-21	40.00	02 years
Total						40.64	
01	Suprabha R	Dr. AIT	Non-Government	IEM	2019-20	1.70	2 Years
02	Dr. K.N.Anuradha	Dr. AIT	Non-Government	IEM	2019-20	1.20	2 Years
03	Dr.S. Soundeswarn/ Dr. S. Vijaya	Dr.AIT	Non-Government	Chemistry/Civil Engineering	2019-20	2.40	01 year
04	Dr. S Bhaskaran	Dr.AIT	Non-Government	MBA	2019-20	3.50	18 Months
05	Dr. C Nanjunda Swamy	AICTE	Government	Civil Engineering	2019-20	9.41	03 year
06	Vinutha H	KSCST	Government	CSE	2019-20	0.06	6 Months
07	Dr. Yamuna Devi C R	KSCST	Government	ETE	2019-20	0.06	6 Months
08	Hamsa Rekha D	KSCST	Government	EIE	2019-20	0.06	6 Months

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09	Dr. Shanthi K J	KSCST	Government	Medical Electronics	2019-20	0.03	1 Year
10	Dr. B. Sivakumar	AICTE-RPS	Government	ETE	2019-20	10.00	3 Years
Total						28.42	
01	Dr. Gangadhar N	VGST	Government	Mechanical	2018-19	5.00	02 year
02	Usha Rani M.A	KSCST	Government	ETE	2018-19	0.07	6 months
03	Dr. S. Gowrishankar	KSTPS	Government	CS	2017-18	4.00	2 Years
Total						9.07	
01	Sowmya M	KSCST	Government	ETE	2017-18	0.04	6 months
02	Usha Rani M.A	KSCST	Government	ETE	2017-18	0.06	6 months
03	K.V. Mahesan	KSCST	Government	ETE	2017-18	0.05	6 months
04	Dr. Yamunadevi C R	VGST	Government	ECE	2017-18	10.00	3 Years
05	Prof. Ramesh S	VGST	Government	ECE	2017-18	10.00	3 Years
TOTAL						20.15	


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Details of R & D Project Proposals approved by the Committee(RDMC) for the Academic year 2021-22

Department	Sl. No.	Name of the investigator/s	Designation	Title of proposed Project	Cost of project in Rupees	Duration of project in Months	Committee Recommended Amount in Rupees
Industrial	1	Dr. Vishwanath M.M and C. Ramprasad	Asisistant Professor	Design and Development of agriculture processing products and Test rigs for the college product and Testing	3,00,000.00	24	Recommended for the financial support of 100000/- in Phase I and 200000/- in Phase -2
Chemistry	2	Dr.Madan Kumar and Dr Soundeshwaran	Assistant Professor	Synthesis and Characterisation of perovakite thinfilms for solar cell applications	5,00,000.00	24	Recommended for the financial support of Rs 250000/- in phase -I and 250000/- in Phase II
	3	Dr Sooryanarayan.B and Dr Padma	Professor/Assistant Professor	Analysis of applications of location based topological indices to estimate properties of chemical compounds	1,00,000.00	24	Recommended for the financial support of H12Rs 50000/- in Phase -I and Rs 50000/- in Phase-II

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Manager,
Panchnajana Vidya Pradhikaran
Dr. Ambedkar Institute of Technology

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Research and Development Cell**

Mechanical	4	Dr. Bhanupratap. R, and Dr. Ranjith. V	Assistant Professor Assistant Professor	Evaluation and Analysis of the Silane Treated Basalt/Kevlar Fibers Epoxy Hybrid Composites	1,90,000.00	24	Recom for support Rs.90,0 (Phase Rs.10000 (Phase I)
Medical Electronics	5	Dr.Ravish.D.K and Dr. K.J.Shanthi	Associate Professor, Professor	Implementation of IoT driven Medical devices for telemedicine applications	50,000.00	24	Recomm for fi support Rs.50,000
Computer Science/ Electronics Instrumentation	6	Dr. K.R. Shylaja, Mr Prasanna Kumar.M, and Mr Chidanandan.V	Professor, Assistant Professor, Assistant Professor	Centralized Power Control and Floorwise power consumption monitoring IoT system with Mobile and web access interface for Dr.Ambedkar Institute of Technology	1,50,000.00	24	Recomm for f support Rs.50000/- Phase-I 100000/- Phase -II
Chemistry	7	Dr. Bhagya Lakshmi H, Dr . B Shruthi, Dr A.A. Jahagirdhar	Assistant Professor, Assistant Professor, Professor	Green Synthesis of Ferrite/Graphene oxide magnetic nanocomposite for photocatalytic dye degradation of Waste Water	1,25,000.00	24	Recomm for fina support Rs.50000/-ir Phase-I 75000/- Phase -II

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Research and Development Cell**

4 ✓	8	Dr. M.H. Leela and Dr. S. Baskaran.	Assistant Professor, Associate Professor	A Study on Agriculture transformation in the adoption of Industry 4.0 Technologies: Issues and Challenges (with special reference to Bengaluru rural districts of Karnataka)	45,000.00	24	Recommended for financial support of Rs.25000/- in Phase-I and 20000/-in Phase -II
1 ✓	9	Mr. Rajesh K	Assistant Professor	Fabrication and Characterization of Flyash/Graphite reinforced chilled Al-Mg-Hybrid MMCs for Automobile Applications	2,50,000.00	24	Recommended for financial support of Rs.100000/- in Phase-I and 150000/- in Phase -II
Total Amount Rs.					17,10,000.00		

(Rupees Seventeen Lakhs and Ten Thousands only)

Jayaramulu G
Signature
Dean (R and D)

[Signature]
Signature
Principal

[Signature]
Managing Trustee / Secretary
Pamala Vidyapeetha Mahavidyalaya
Bengaluru - 560 056

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Research and Development Cell

Dr. AIT /R&D/2019-20/63/21-22

Date: 18-01-2022

To

Dr. Vishwanath.M.M
Assistant Professor
Department of Mechanical Engineering
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Design and Development of agriculture processing products and Test rigs for the college product and Testing" submitted by Dr. Vishwanath.M.M, Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Design and Development of agriculture processing products and Test rigs for the college product and Testing" submitted by **Dr. Vishwanath.M.M, Principal Investigator**, Department of Mechanical Engineering of Dr. Ambedkar Institute of Technology(Dr.AIT), Bengaluru-560 056 is sanctioned with a grant of **Rs 3,00,000/- (Rupees Three Lakhs only)** for a period of **24 months**.

The details of the grant for which the total allocation of Rs 3,00,000/- are as follows

Expenditure details	Year I	Year II	Total
Equipment:	Rs 1,25,000.00	Rs 1,25,000.00	Rs 2,50,000.00
Consumables	Rs 5,000.00	Rs 45,000.00	Rs 50,000.00
Contingency			
Total	Rs 1,30,000.00	Rs 1,70,000.00	Rs 3,00,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned.

Mixing of heads of expenditure mentioned in the table is not allowed.

Received
18/01/22
Dr. Vishwanath.M.M

Principal



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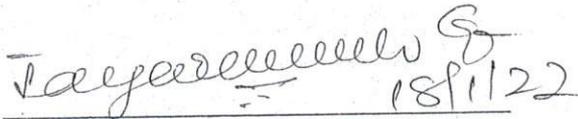
Research and Development Cell

- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AI research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature

Signature


18/11/22

Dr. G.V. Jayaramaiah

Dean (R & D)

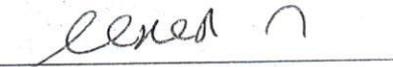
Dean (R&D)

Dr. Ambedkar Institute of Technology

Near Jnanabharathi Campus

Copy with compliments to:
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1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.
6. PA-Principal for file


Dr.M.Meenakshi
Principal


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Dr.AIT/R&D/2021-22/64 } 21-22

Date:18-01-2022

To

Dr.Madan Kumar

Assistant Professor

Department of Physics

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Synthesis and Characterisation of perovskite thinfilms for solar cell applications " submitted by Dr.Madan Kumar, Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Synthesis and Characterisation of perovskite thinfilms for solar cell applications" submitted by Dr. Madan Kumar, Principal Investigator, Department of Physics of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 5,00,000/-(Rupees Five Lakhs only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs.05,00,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	Rs 2,00,000.00	Rs 2,50,000.00	Rs 4.50,000.00
Consumables	Rs 25,000.00	Rs 25,000.00	Rs 50,000.00
Contingency			
Total	Rs.2,25,000.00	Rs. 2,75,000.00	Rs.5,00,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.

Dr. Madan Kumar
PRINCIPAL



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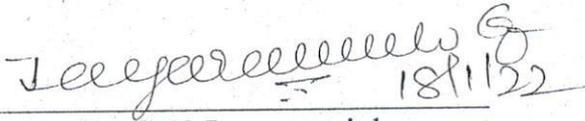
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- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AI research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature

Signature


18/11/22

Dr.G.V.Jayaramaiah

Dean (R & D)

Dean (R&D)

Dr. Ambedkar Institute of Technology

Near Jnanabharathi Campus

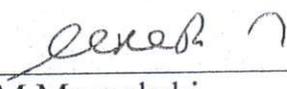
55/4 Outer Ring Road, Mallathahalli,
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Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
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3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.

Dr.M.Meenakshi

Principal


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3

Dr.AIT/R&D/2021-22/65/21-22

Date:18-01-2022

To

Dr.B.Sooryanarayana

Professor

Department of Mathematics

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Analysis of applications of location based topological indices to estimate properties of chemical compounds" submitted by Dr.B.Sooryanarayana, Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Analysis of applications of location based topological indices to estimate properties of chemical compounds" submitted by Dr. B.Sooryanarayana, Principal Investigator, Department of Mathematics of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 1,00,000/- (Rupees One Lakhs only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs.1, 00,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	Rs 50,000.00	Rs 50,000.00	Rs 1,00,000.00
Consumables			
Contingency			
Total	Rs.50,000.00	Rs. 50,000.00	Rs.1,00,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.

Received
25/1/22

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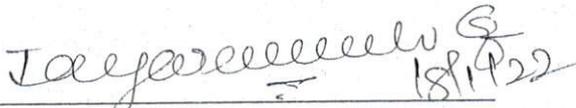
Research and Development Cell

- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature

Signature



Dr.G.V.Jayaramaiah

Dean (R & D)

Dean (R&D)

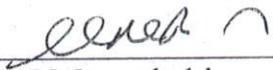
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Dr.AIT/R&D/2021-22/66 / 21-22

Date:18-01-2022

To

Dr.Bhanupratap.R

Assistant Professor

Department of Mechanical Engineering

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Received on 3-2-22
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Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Evaluation and Analysis of the Silane Treated Basalt/Kevlar Fibers Epoxy Hybrid Composites" submitted by Dr.Bhanupratap R, Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Evaluation and Analysis of the Silane Treated Basalt/Kevlar Fibers Epoxy Hybrid Composites" submitted by Dr. Bhanupratap.R, Principal Investigator, Department of Mechanical Engineering of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 1,90,000/- (Rupees One Lakhs and Ninety Thousands only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs.1, 90,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	Rs 90,000.00	Rs 90,000.00	Rs 1,80,000.00
Consumables			
Contingency	Rs 5,000.00	Rs 5,000.00	Rs 10,000.00
Total	Rs 95,000.00	Rs 95,000.00	Rs 1,90,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.

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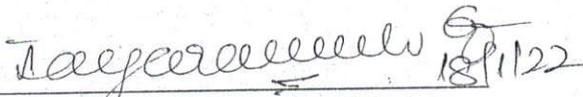
Research and Development Cell

- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
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- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature

Signature


18/11/22

Dr.G.V.Jayaramaiah

Dean (R & D)

Dean (R&D)

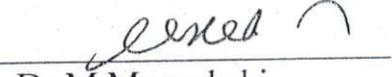
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5. Dean (R&D) for file.


Dr.M.Meenakshi
Principal


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Research and Development Cell

5

Dr.AIT/R&D/2021-22/67 | 21-22

Date:13-01-2022

To

Dr.Ravish D.K

Associate Professor
Department of Medical Electronics Engineering
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Received Approval copy
19.01.2022
Dr. Dr. RAVISH

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Implementation of IoT driven Medical devices for telemedicine applications " submitted by Dr.Bhanupratap R, Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Implementation of IoT driven Medical devices for telemedicine applications" submitted by Dr. Ravish.D.K., Principal Investigator, Department of Medical Electronics Engineering of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 50,000/- (Rupees Fifty Thousands only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs.50,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	Rs 25,000.00	Rs 25,000.00	Rs 50,000.00
Consumables	-	-	-
Contingency	-	-	-
Total	Rs 25,000.00	Rs 25,000.00	Rs 50,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.

Principal

Dr. Ambedkar Institute of Technol



Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

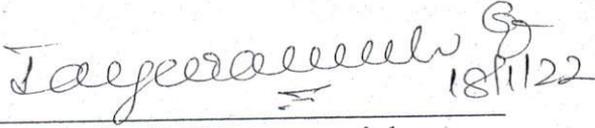
BENGALURU-560 056.

Research and Development Cell

- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal c Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature


18/11/22

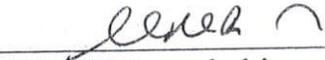
Dr.G.V.Jayaramaiah
Dean (R & D)
Dean (R&D)

Dr. Ambedkar Institute of Technology
Near Jnanabharathi Campus
AA Outer Ring Road, Mallathahalli,
Bengaluru - 560 056

Copy with compliments to

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.

Signature


Dr.M.Meenakshi
Principal


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.

Research and Development Cell

Dr.AIT/R&D/2021-22/68 / 21-22

Date:18-01-2022

To

Dr.K.R.Shylaja

Professor

Department of Computer Science and Engineering

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Recd
31/01/22

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Centralized Power Control and Floorwise power consumption monitoring IoT system with Mobile and web access interface for Dr.Ambedkar Institute of Technology " submitted by Dr.K.R.Shylaja , Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Centralized Power Control and Floorwise power consumption monitoring IoT system with Mobile and web access interface for Dr.Ambedkar Institute of Technology" submitted by Dr.K.R.Shylaja , Principal Investigator, Department of Computer Science and Engineering of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 1,50,000/- (Rupees One Lakhs and Fifty Thousands only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs.1, 50,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	Rs 72,500.00	Rs 72,500.00	Rs1,45,000.00
Consumables	Rs 2,500.00-	Rs 2,500.00--	Rs 5,000.00-
Contingency	-	-	-
Total	Rs 75,000.00	Rs 75,000.00	Rs1,50,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

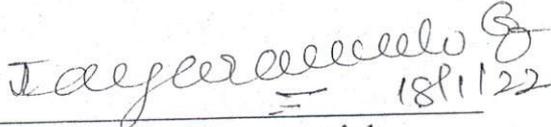
BENGALURU-560 056.

Research and Development Cell

- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature


18/11/22

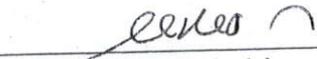
Dr.G.V.Jayaramaiah
Dean (R & D)
Dean (R&D)

Dr. Ambedkar Institute of Technology
Near Jnanabharathi Campus
BDA Outer Ring Road, Mallathahalli,
Bengaluru-560 056

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.

Signature


Dr.M.Meenakshi
Principal


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



4

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY
BENGALURU-560 056.
Research and Development Cell

Dr.AIT/R&D/2021-22/89/21-22

Date:18-01-2022

To

Dr. Bhagya Lakshmi H
Assistant Professor
Department of Chemistry
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Green Synthesis of Ferrite/Graphene oxide magnetic nanocomposite for photocatalytic dye degradation of Waste Water " submitted by Dr. Bhagya Lakshmi H , Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Green Synthesis of Ferrite/Graphene oxide magnetic nanocomposite for photocatalytic dye degradation of Waste Water" submitted by Dr. Bhagya Lakshmi H, Principal Investigator, Department of Chemistry of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 1,25,000/- (Rupees One Lakhs and Twenty Five Thousands only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs.1, 25,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	Rs 60,000	Rs 60,000.00	Rs 1,20,000.00
Consumables	Rs 2,500.00-	Rs 2,500.00--	Rs 5,000.00-
Contingency	-	-	-
Total	Rs 62,500.00	Rs 62,500.00	Rs 1,25,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator.

Received Bhagyalakshmi

Dr. Ambedkar Institute of Tech
Bengaluru - 560 056.



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.

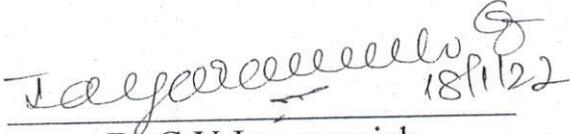
Research and Development Cell

Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**

- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature


18/1/22

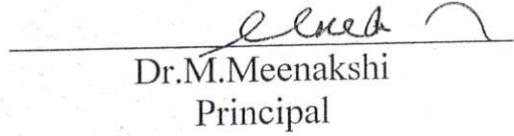
Dr.G.V.Jayaramaiah
Dean (R & D)
Dean (R&D)

Dr. Ambedkar Institute of Technology
Near Jnanabharathi Campus
BDA Outer Ring Road, Mallathahalli,
Bengaluru-560 056

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.

Signature


Dr.M.Meenakshi
Principal


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



8

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY
BENGALURU-560 056.
Research and Development Cell

Dr.AIT/R&D/2021-22/70/21-22

Date:18-01-2022

To

Dr.M.H.Leela

Assistant Professor

Department of Chemistry

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "A Study on Agriculture transformation in the adoption of Industry 4.0 Technologies: Issues and Challenges (with special reference to Bengaluru rural districts of Karnataka)" submitted by Dr.M.H.Leela , Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "A Study on Agriculture transformation in the adoption of Industry 4.0 Technologies: Issues and Challenges (with special reference to Bengaluru rural districts of Karnataka)" submitted by Dr.M.H.Leela, Principal Investigator, Department of MBA of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 45,000/- (Rupees Forty Five Thousands only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs. 45,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:			
Consumables	Rs 20,000.00-	Rs 25,000.00--	Rs 45,000.00-
Contingency	-	-	-
Total	Rs 20,000.00	Rs 25,000.00	Rs 45,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned.

Mixing of heads of expenditure mentioned in the table is not allowed.

Received
Dr. Leela
11/1/22

Geo
PRINCIPAL

Dr. Ambedkar Institute of Techno



Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

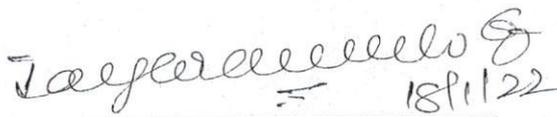
BENGALURU-560 056.

Research and Development Cell

- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. A. research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Signature


18/11/22

Dr.G.V.Jayaramaiah

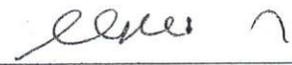
Dean (R & D)
Dean (R&D)

Dr. Ambedkar Institute of Technology
Near Jnanabharathi Campus
BDA Outer Ring Road, Mallathahalli,
Bengaluru-560 056

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.

Signature



Dr.M.Meenakshi

Principal
PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru-560 056


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



9

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY
BENGALURU-560 056.
Research and Development Cell

Dr.AIT/R&D/2021-22/71/21-22

Date:18-01-2022

To

Mr. Rajesh.K

Assistant Professor

Department of Industrial and Engineering Management

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Fabrication and Characterization of Flyash/Graphite reinforced chilled Al-Mg-Hybrid MMCs for Automobile Applications" submitted by Mr.Rajesh K , Principal Investigator-Reg.

Ref No: Dr.AIT/PVPWT/2021-22/1391

Dated: 04/01/2022

Sir/Madam,

With reference to the above subject, the project proposal entitled "Fabrication and Characterization of Flyash/Graphite reinforced chilled Al-Mg-Hybrid MMCs for Automobile Applications" submitted by Mr Rajesh K, Principal Investigator, Department of Industrial and Engineering Management of Dr. Ambedkar Institute of Technology(Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 2,50,000/- (Rupees Two Lakhs and Fifty Thousands only)** for a period of **24** months.

The details of the grant for which the total allocation of Rs. 2,50,000/-are as follows

Expenditure details	12 Months	12 Months	Total
Equipment:	1,00,000.00	1,00,000.00	Rs 2,00,000.00
Consumables	Rs 25,000.00-	Rs 25,000.00--	Rs 50,000.00-
Contingency	-	-	-
Total	Rs 1.25,000.00	Rs 1,25,000.00	Rs 2,50,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.

Received on 21.01.2022
Prade

Principal
Dr. Ambedkar Institute of Techn
560 056



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.

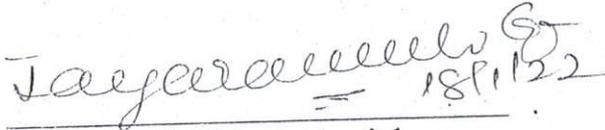
Research and Development Cell

- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

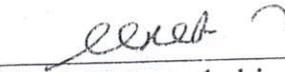
You are requested to send the letter of acceptance of the grant immediately.

Signature

Signature

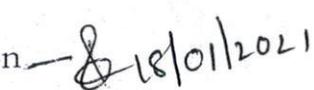


Dr.G.V.Jayaramaiah
Dean (R & D)


Dr.M.Meenakshi
Principal

Dr. Ambedkar Institute of Technology
Near Jnanatharathi Campus
UDA Outer Ring Road, Hoskote, Bangalore

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information 
2. Vice Principal for information 
3. Head, Account Section, for information 
4. Registrar/AAO, for information 
5. Dean (R&D) for file.


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1991)
 "Jnana Sangama", Belagavi-590 018, Karnataka State, India

Prof. A. S. Deshpande B.E., M.Tech., Ph.D.

Phone : (0831) 2498100
 Fax : (0831) 2405467

REGISTRAR

Ref: VTU/BGM/Aca/A-12/ VTU RGS/DIS -ME/2021-22/5862/5

Date : 8 FEB 2022

To,
 The Principal,
 Dr.Ambedkar Institute of Technology, Bengaluru .

Sub: Grants for Research Proposal for the year 2021-22
 Ref.: 1. VTU/Aca./2021-22/ PS/2019-20:9707, dated 18-03-2020.
 2. Hon'ble Vice-Chancellor's approval dt: 11-02-2022

At the outset please accept our congratulations and greetings.

We are pleased to inform you that, the grant of **Rs. 6.00 Lakhs (Rupees Six Lakh only)** is sanctioned to the research proposal entitled as "Designing and building a solar-based autonomous robot for intra-row weed elimination to aid small and mid-sized farmers." submitted by **Dr.T N Raju (PI), Dr.Indumathi S K (CoI-1) and Dr. Manjunath Rao L (CoI-2)** under VTU Research Grants Scheme -2021.

The expenditure of the sanctioned amount needs to be planned as under.

Expenditure Particulars		First Year (Rs. in Lakhs)	Second Year (Rs. in Lakhs)	Total (Rs. in Lakhs)
Non - Recurring	Fellowship for Research Scholar	1.20	1.20	2.40
	Equipments/Software/Instruments (Purchase of Desktops/Laptops are not permitted)	3.00	0.00	3.00
Recurring	Consumables (Glass wares/Chemicals)	0.20	0.20	0.40
	Others (Expenditure towards/ testing / consultancy / publications of research work in terms IPR Registrations (not for paper publications in journals) / TA - DA to present a paper in conferences or workshop or symposia in India .	0.10	0.10	0.20
Total (Rs. in Lakhs)		4.50	1.50	6.00
VTU Contribution (75% of the Sanctioned Amount) This amount will be released after receiving the acceptance letter and compliance of Point Number 10,11 & 12 mentioned in "Terms and Conditions"		3.375	1.125	4.50
Institute Contribution (25% of the Sanctioned Amount) Please Refer Point Number 10,11 & 12 in the "Terms and Conditions" and comply accordingly		1.125	0.375	1.50

(Handwritten signature)

(Handwritten signature)
 PRINCIPAL

MCA
 MF

Applicable Terms and Conditions:

1. The grant will be released in the name of the Principal of the Institute and Principal Investigator of the project.
2. The grant shall be utilized for the purpose for which it has been sanctioned.
3. The research activities of the sanctioned projects will be evaluated at the end of each year by committee constituted by VTU. Also, the LIC team of VTU may review the progress.
4. Change in heads of expenditure mentioned in the table on the previous page is not permitted.
5. The grantee institute has to abide by the guidelines of VTU Research Grant Scheme.
6. VTU reserves all the rights to change/modify rules/guidelines in this regard.
7. The Principal of the institute shall submit year wise Utilization Certificate (UC) and in the prescribed format and Audit Report (Duly signed by CA) to the undersigned. The subsequent grant will be released only after submission of UC for the grant released earlier along with details of expenditure and satisfactory work progress report.
8. The project will last for two years from the day that the Grantee Institute receives the amount of first Installment.
9. Any correspondence by the Investigators to the Registrar of VTU shall be routed through the Principal of the Grantee Institute.
10. VTU shall release the amount of first installment, after an exclusive Joint Bank Account for the sanctioned project is opened and remitted the Institute share of 25% of the First Year Installment as mentioned in the above table and same shall be intimated to VTU by submitting copy of account statement.
11. The exclusive Bank Account must be Join Account in the name of Principal of the Institute and Principal Investigator with the title of the project mentioned as purpose.
12. Grantee Institute shall submit account details in the *mandate form (enclosed)* along with duly signed *acceptance letter (Format Enclosed)*. These are required for issuing the sanction order and release of fund from our end.

Thanking you,

Yours faithfully,

Registrar
to Dir

Encl:

- 1) Format of Mandate Form
- 2) Format of Acceptance letter

Dr. Anil
PRINCIPAL
Dr. Anilbaker Institute of Technology
Sangli - 580 050.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012
 Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

45th series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

45. Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
323.	45S_BE_4146	SKIN PIGMENTATION CLASSIFICATION FOR MALIGNANT SKIN LESIONS (SKIN CANCER)	B.E.	COMPUTER SCIENCE AND ENGINEERING	Prof. SRINIVASA A. H Dr. GOWRISHANKAR S	Ms. VINDHYA J Ms. MANISHA H DONGRE Ms. POOJA C	6,000.00
324.	45S_BE_3815	IOT BASED REMOTE ELECTRONIC VOTING SYSTEM USING AADHAR AND DUAL BIOMETRIC AUTHENTICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. RANGASWAMY Y	Mr. SURAJ H P Mr. SKANDA G Mr. SHOBITH G BHARAMSHETTY Mr. SRIKANTH P S	6,000.00
325.	45S_BE_2328	LOW COST SOLAR CUM BATTERY POWERED HYBRID CHAINLESS DRIVE SYSTEM TRICYCLE FOR PHYSICAL CHALLENGED PERSONS.	B.E.	MECHANICAL ENGINEERING	Dr. RAJESH M Dr. MOHAN KUMAR B	Mr. SANTOSH Mr. UMESH Mr. C CHETAN Mr. VISWANATHA N	8,000.00
326.	45S_BE_3238	AUTOMATED GREENHOUSE MONITORING USING CONTROL SYSTEMS	B.E.	TELECOMMUNICATION ENGINEERING	Mrs. SOWMYA M Dr. ARAVINDA H L	Ms. HARSHITHA J Mr. YASHAS L Ms. JAHNAVI M S Ms. RACHANA DAKSHIN M	7,000.00

Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at spp@kscst.org.in.

Dr. Ambedkar Institute of Technology
 Bengaluru - 560 056.
 PRINCIPAL

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

50. Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)
315.	44S_BE_1848	VOICE CONTROLLED ROBOT WITH SURVEILLANCE CAMERA USING LABVIEW	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Prof. HANSA REKHA S D	Ms. CHANDANA V Ms. CHAITRA SHREE Ms. SAKSHI SHARMA Mr. SANJAY S	6000.00
316.	44S_BE_2119	VEHICLE AUTOMATION FOR SMART AND SAFE DRIVING	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. SMITHA SHEKAR B	Ms. NIVEDITHA V Ms. JYOTHI G Ms. LAVANYA V	5500.00
317.	44S_BE_2230	STUDIES ON GEOTECHNICAL PROPERTIES OF CONTAMINATED SOIL ALONG THE VRISHABHAVATHI RIVER STRETCH AND ITS IMPLICATIONS ON ENVIRONMENT	CIVIL ENGINEERING	B.E.	Dr. S D VENKATARAJA MOHAN SIR Dr. A.A. JAHAGIRDAR	Mr. VINOD KUMAR Mr. SHIVARAJ M MULUGUND Ms. PALLAVI N Ms. SUDHARANI S REDDY	5000.00
318.	44S_BE_2676	CAMOUFLAGE MULTI-FUNCTIONAL ARMY ROBOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Prof. MADHU B	Ms. K KEERTHANA Ms. KIRTHI K Ms. KRUTHI KATTE Ms. LAVANYA S	6000.00
319.	44S_BE_3049	SMART SELF-DEFENCE GADGET FOR WOMEN'S SAFETY USING IOT	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Prof. MONIKASHREE T S	Ms. NIKITHA G NAIK Mr. BHUVAN M Mr. CHANDAN P SHETTY Mr. SACHIN KINI N	6000.00
320.	44S_BE_3056	FLOATING WASTE SCOOPER ROBOT ON WATER SURFACE	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Prof. UMADEVI H Prof. JAHAGIRDAR A A	Mr. SACHIN B Ms. SHILPA M Mr. PUNEETH N S Mr. PRASHANTHRAJ C S	6000.00
321.	44S_BE_3059	FATIGUE TESTING OF HIGH ENTROPY ALLOY SUBJECTED TO CORROSION	MECHANICAL ENGINEERING	B.E.	Prof. T SRINATH Mr. RAJESH CHANDRA	Mr. RONITH B Mr. M SHRIDUTT Mr. PRASAD S BILAGI Mr. SAGAR H M	6000.00
322.	44S_BE_3110	CAMOUFLAGE SURVEILLANCE ROBOT IN DEFENSE USING AI	TELECOMMUNICATION ENGINEERING	B.E.	Dr. PRASHANTH C R	Mr. JAGRUTH S Ms. DEEPIKA S Ms. JALAJA M Ms. RACHANA S L	5000.00

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 KSST, 44th Series of Student Project Programme (SPP) : Sponsored Projects

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

323.	44S_BE_4276	AUTOMATED CONTACTLESS COVID-19 DETECTION WITH THE AID OF X-RAY IMAGES USING DEEP NEURAL NETWORK	COMPUTER SCIENCE AND ENGINEERING	B.E.	Mrs. VINUTHA H	Mr. SIDDU GUDAGUDI Mr. SHIVASHANKAR Y S Ms. SHWETHA B S Mr. SHARATH B S	6000.00
324.	44S_BE_4341	REAL-TIME IoT AND APP BASED AUTOMATED GREENHOUSE SETUP	INDUSTRIAL ENGINEERING AND MANAGEMENT	B.E.	Prof. N CHETAN	Mr. AMOGH M ARADHYA Ms. BHUMIKA K Mr. MOHAMED WASIM Mr. MEET SHAH	6000.00
325.	44S_BE_4348	HUMANOID FRONT DEST ROBOT	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Prof. RAMESH S Mrs. MALA SINNOR	Mr. KIRAN GOWDA N Ms. LAVANYA R T Ms. M VARSHINI URS	6000.00

Note:

- Transaction details of sanctioned amount of Rs. 63500/- credited on 28th May 2021 by NEFT on 28 May 2021.
- The evaluation of above projects will be conducted during July / August 2021 via online mode and participation in the online evaluation process is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- Submit softcopy of Synopsis in pdf (as per the format preferred in the KSCST website) and report (PDF format in a single file) of project by 20th July 2021, which will be uploaded in KSCST SPP portal.
- Synopsis and report must be named with Reference ID provided by KSCST (Eg: 44S_BE_0001).

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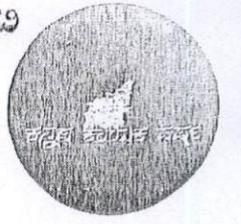


ಕರ್ನಾಟಕ ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ಪ್ರೋತ್ಸಾಹಕ ಸಂಸ್ಥೆ

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

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

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



ನಂ. KSTePS/VGST/2020-21/CESEM/GRD-926/04/2021-22/777

ದಿನಾಂಕ: 28.10.2021

ಮಾನ್ಯರೇ,

ವಿಷಯ: ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹದ CESEM ಯೋಜನೆಯಡಿಯಲ್ಲಿ ಮೊದಲನೇ ಕಂತಿನ ಅನುದಾನ ಬಡುಗಡೆ 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 "Development of Air Foil Thrust Bearing for Aerospace Applications" ನ್ನು ವಿತಂದಾಸದ ಪ್ರಮುಖ ಕಾರ್ಯಕ್ರಮವಾದ Centres of Excellence in Science, Engineering and Medicine (CESEM) ಅಡಿಯಲ್ಲಿ ದಾರ್ಶನಿಕ ಸಮೂಹವು ಆಯ್ಕೆ ಮಾಡಿ, ಸರ್ಕಾರ ಆದೇಶ ನೀಡಿರುವುದು ತಮಗೆ ತಿಳಿದ ವಿಷಯವಾಗಿದೆ.

ಆದುದರಿಂದ, ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದ ಆಯ್ಕೆಗೊಂಡ ಪ್ರಸ್ತಾವನೆಗೆ ಮೊದಲನೇ ಕಂತಾಗಿ ರೂ. 20,00,000/-ಗಳ ಅನುದಾನವನ್ನು ಕೆಸ್ತೆಪ್ಸಿನಿಂದ Principal, Dr. Ambedkar Institute of Technology ಹೆಸರಿನ ಬ್ಯಾಂಕ್ ಖಾತೆಗೆ (UTR No. SBINR52021100545298876) RTGS ಮೂಲಕ ದಿನಾಂಕ: 05.10.2021 ರಂದು ಬಡುಗಡೆ ಮಾಡಲಾಗಿರುತ್ತದೆ. ಸದರಿ ಅನುದಾನವನ್ನು ಸ್ವೀಕರಿಸಿದ ನಂತರ, ಸ್ವೀಕೃತ ರಶೀದಿ (Acknowledgement) ಯನ್ನು ಕೆಸ್ತೆಪ್ಸ ಸಂಸ್ಥೆಗೆ ಕಳುಹಿಸುವುದು.

ಮುಂದುವರೆದು, ಪ್ರಸ್ತುತ ಬಡುಗಡೆ 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.


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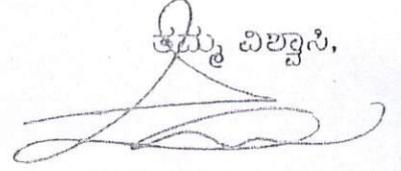
- ಆ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ತಮ್ಮ ಸಂಸ್ಥೆಯಿಂದಾಗಲೀ ಅಥವಾ ಬೇರೆ ಸಂಸ್ಥೆಗಳ ಮುಖಾಂತರವಾಗಲೀ ಅನುಷ್ಠಾನಗೊಳಿಸುವಾಗ ಕರ್ನಾಟಕ ಸಾರ್ವಜನಿಕ ಸಂಗ್ರಹಣೆಯಲ್ಲಿ ಪಾರದರ್ಶಕತೆ ಅಧಿನಿಯಮ -1999 ಮತ್ತು ನಿಯಮಗಳು 2000 (KTPP Act-1999 & Rules-2000) ಕರ್ನಾಟಕ ಆರ್ಥಿಕ ಸಂಹಿತೆ (IFC) ಹಾಗೂ ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಮಾರ್ಗಸೂಚಿಗಳನ್ನು ಕಟ್ಟುವುದಾಗಿ ಕಡ್ಡಾಯವಾಗಿ ಅನುಸರಿಸುವುದು/ಪಾಲಿಸುವುದು.
- ಇ) ಪ್ರತಿ ತಿಂಗಳಿಗೊಮ್ಮೆ ಕಡ್ಡಾಯವಾಗಿ ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಸೂಕ್ತ ದಾಖಲೆಗಳೊಂದಿಗೆ ವಿತಂದಾಸಕ್ಕೆ ಸಲ್ಲಿಸುವುದು.
- ಈ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಡುಗಡೆಯಾಗುವ ಅನುದಾನದಿಂದ ಅನುಮೋದಿತ ಪಾರ್ಟ್-ಎ (Part-A) ನಲ್ಲಿ ನಮೂದಿತವಾಗಿರುವ ಉಪಕರಣಗಳು ಮಾತ್ರ ಖರೀದಿಸುವುದು ಇದರಲ್ಲಿ ಯಾವುದೇ ಬದಲಾವಣೆಗೆ ಅವಕಾಶವಿರುವುದಿಲ್ಲ.
- ಊ) ಫಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಬಡುಗಡೆ 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 ಬಡುಗಡೆ 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 ಬಡುಗಡೆಯ ದಿನದಿಂದಲೇ ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮವನ್ನು ಅನುಷ್ಠಾನಗೊಳಿಸಲು ಕ್ರಮ ಕೈಗೊಂಡು ಒಂದು ವರ್ಷದ ಕಾಲಮಿತಿಯೊಳಗೆ ಸದರಿ ಅನುದಾನವನ್ನು ಕಡ್ಡಾಯವಾಗಿ ನಿಯಮಾನುಸಾರ ಬಳಸಿಕೊಂಡು ಉದ್ದೇಶಿತ ಕಾರ್ಯಕ್ರಮದ ಧೈಯೋದ್ದೇಶಗಳನ್ವಯ ಅನುಷ್ಠಾನಗೊಳಿಸುವುದು.
- ಃ) ಉದ್ದೇಶಿತ ಯೋಜನೆ/ಕಾರ್ಯಕ್ರಮವನ್ನು ಶ್ರಿಯಾ ಯೋಜನೆಯಲ್ಲಿ ತಿಳಿಸಿರುವಂತೆ ಅನುಷ್ಠಾನಗೊಳಿಸಿ ನೋಂದಾಯಿತ ಲೆಕ್ಕಪರಿಶೋಧಕರಿಂದ ಆಡಿಟ್ ಮಾಡಿಸಿ ವಿತಂದಾಸದ/ಕೆಸ್ವೆಪ್ಪ್ ಒದಗಿಸಿರುವ ನಮೂನೆಯ ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರವನ್ನು GRF-19A ನಲ್ಲಿ (ಧ್ವಿಪ್ರತಿಯಲ್ಲಿ) ಮತ್ತು ಕಾರ್ಯಕ್ರಮದ ಪ್ರಗತಿಯ ವರದಿಯನ್ನು ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನದ ಕಾಲಮಿತಿ ಮುಕ್ತಾಯಗೊಂಡ ಒಂದು ತಿಂಗಳ ಅವಧಿಯೊಳಗೆ ಕೆಸ್ವೆಪ್ಪ್ ಸಂಸ್ಥೆಯ ವಿತಂದಾಸ ಕಛೇರಿಗೆ ನೀಡುವುದು.


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Bengaluru-560 056

- ಏ) ಉದ್ದೇಶಿತ ಯೋಜನೆಯ ಅನುಷ್ಠಾನಕ್ಕೆ ಬಡುಗಡೆಯಾಗುವ ಅನುದಾನಕ್ಕೆ ಬ್ಯಾಂಕಿನಿಂದ ಕ್ಷೇಡೀಕೃತವಾಗುವ (Accrued) ಬಡ್ಡಿಯ ಮೊತ್ತವನ್ನು ಉಪಯೋಗಿತ ಪ್ರಮಾಣಪತ್ರದೊಂದಿಗೆ ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕೆಸ್ಲೆಪ್ಸ್ 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 ಕೆಸ್ಲೆಪ್ಸ್ ಸಂಸ್ಥೆಯ ತಪಾಸಣೆ ಹಾಗೂ ಮೌಲ್ಯಮಾಪನಕ್ಕಾಗಿ ಕೋರಿದಾಗ ಸದರಿ ದಾಖಲೆಗಳನ್ನು ಒದಗಿಸುವುದು.
- ಒ) ಕೆಸ್ಲೆಪ್ಸ್/ ವಿತಂದಾಸದ ಅಧಿಕಾರಿಗಳು ಕಾರ್ಯಕ್ರಮದ ಅನುಷ್ಠಾನ ಮತ್ತು ಪ್ರಗತಿಯ ಬಗ್ಗೆ ಭಲಾನುಭವಿ ಸಂಸ್ಥೆಗೆ ಭೇಟಿ ನೀಡಿದಾಗ ಅಗತ್ಯ ದಾಖಲೆಗಳನ್ನು ಮತ್ತು ಭೌತಿಕ ಪ್ರಗತಿಯ ವಿವರಗಳನ್ನು ಒದಗಿಸುವುದು.

ಶುಭಾಶಯಗಳೊಂದಿಗೆ,

ತಮ್ಮ ವಿಶ್ವಾಸಿ,



ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು



ಇವರಿಗೆ,

The Principal

Dr. Ambedkar Institute of Technology

Outer Ring Road, Near Jnana Bharathi Campus, Mallathahalli

Bangalore-560 056

ಪ್ರತಿಗಳು:

1. Dr. T N Raju, Department of Mechanical Engineering, Dr. Ambedkar Institute of Technology, Outer Ring Road, Near Jnana Bharathi Campus, Mallathahalli
Bengaluru-560 056

2. ವಿಜ್ಞಾನ ಮತ್ತು ತಂತ್ರಜ್ಞಾನ ದಾರ್ಶನಿಕ ಸಮೂಹ ವಿಭಾಗ, 7ನೇ ಮಹಡಿ, 4ನೇ ಹಂತ, ಬಹುಮಹಡಿ ಕಟ್ಟಡ, ಬೆಂಗಳೂರು- 01, ಇವರ ಅವಗಾಹನೆಗೆ ಮತ್ತು ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY
BENGALURU-560 056.
Research and Development Cell

Dr.AIT /R&D/2019-20/21

Date:19-03-2020

To

Suprabha. R

Assistant Professor

Department of Industrial Engineering and Management

Dr. Ambedkar Institute of Technology

Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr.AIT R & D Grant Scheme for the research project entitled "Enhancement of Heat Transfer using Nano fluids containing different Nano-dimensional oxide materials" submitted by Suprabha. R, Principal Investigator-Reg.

Ref No: Dr.AIT/R&D/2019-20/

Dated: 16/03/2020

Sir/Madam,

With reference to the above subject, the project proposal entitled "Enhancement of Heat Transfer using Nano fluids containing different Nano-dimensional oxide materials" submitted by **Suprabha. R, Principal Investigator**, Department of Industrial Engineering and Management of Dr. Ambedkar Institute of Technology(Dr.AIT), Bengaluru-560 056 is sanctioned with a grant of **Rs 1,70,000/- (Rupees One Lakh seventy thousands only)** for a period of **24 months**.

The details of the grant for which the total allocation of Rs 1, 70,000/- are as follows

Expenditure details	Year I	Year II	Total
Equipment:	Rs 00.00	Rs 00.00	Rs 00.00
Consumables	Rs. 60,000.00	Rs. 50,000.00	Rs.1,10,000.00
Contingency	Rs. 30,000.00	Rs. 30,000.00	Rs. 60,000.00
Total	Rs. 90,000.00	Rs. 80,000.00	Rs. 1,70,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.


PRINCIPAL



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY
BENGALURU-560 056.
Research and Development Cell

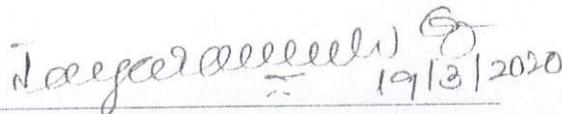
- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Thanking you,

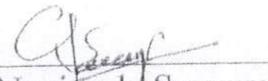
Yours faithfully

Signature


19/13/2020

Dr. G.V. Jayaramaiah
Dean (R & D)

Signature


Dr. C. Nanjunda Swamy
Principal

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.
6. PA-Principal for file


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.
Research and Development Cell

Date: 19-03-2020

Dr. AIT/R&D/2019-20/22

To

Dr. K.N. Anuradha
Professor
Department of Physics
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr. AIT R & D Grant Scheme for the research project entitled "Synthesis and Dielectric Studies of PPY based Nanocomposites" submitted by Dr. K.N. Anuradha, Principal Investigator-Reg.

Ref No: Dr. AIT/R&D/2019-20/20 Dated: 16/03/2020

Sir/Madam,

With reference to the above subject, the project proposal entitled "Synthesis and Dielectric Studies of PPY based Nanocomposites" submitted by Dr. Anuradha. K.N, Principal Investigator, Department of Physics of Dr. Ambedkar Institute of Technology (Dr. AIT), Bengaluru-560056 is sanctioned with a grant of **Rs 1,20,000/- (Rupees One Lakh Twenty thousands only)** for a period of 12 months.

The details of the grant for which the total allocation of Rs. 1, 20,000/- are as follows

Expenditure details	6 Months	6 Months	Total
Equipment:	Rs. 1,20,000.00	Rs. 00.00	Rs. 1,20,000.00
Consumables	Rs. 00.00	Rs. 00.00	Rs. 00.00
Contingency	Rs. 00.00	Rs. 00.00	Rs. 00.00
Total	Rs. 1,20,000.00	Rs. 00.00	Rs. 1,20,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.


PRINCIPAL



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.

Research and Development Cell

- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr.AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Thanking you,

Yours faithfully

Signature

Signature

Jayaramaiah
19/3/2020

Dr. G.V. Jayaramaiah
Dean (R & D)

C. Nanjunda Swamy

Dr. C. Nanjunda Swamy
Principal

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.
6. PA-Principal for file

C. Nanjunda Swamy
PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.
Research and Development Cell

Dr. AIT/R&D/2019-20/24 /

Date: 19.03.2020

To
Dr. S. Soundeswaran
Assistant Professor
Department of Chemistry/Civil Engineering (Inter Department)
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr AIT R & D Grant Scheme for the research project entitled "Synthesis of Mangeto-Rheological (MR) Fluid for Engineering Applications" submitted by Dr. S. Soundeswaran, Principal Investigator-Reg.

Ref No: Dr. AIT/R&D/2019-20/ 24 Dated: 16/03/2020

Sir/Madam,

With reference to the above subject, the project proposal entitled "Synthesis of Mangeto-Rheological(MR) Fluid for Engineering Applications" submitted by Dr. S. Soundeswaran, Principal Investigator, Department of Chemistry/Civil Engineering of Dr. Ambedkar Institute of Technology (Dr. AIT), Bengaluru-560 056 is sanctioned with a grant of Rs 2,40,000/- (Rupees Two Lakh Forty thousand only) for a period of 12 months

The details of the grant for which the total allocation of Rs. 2, 40,000/- are as follows

Expenditure details	6 Months	6 Months	Total
Equipment:	Rs. 1,40,000.00	Rs. 00.00	Rs. 1,40,000.00
Consumables	Rs. 00.00	Rs. 00.00	Rs. 00.00
Contingency	Rs. 1,00,000.00	Rs. 00.00	Rs. 1,00,000.00
Total	Rs. 2,40,000.00	Rs. 00.00	Rs. 2,40,000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.
Research and Development Cell

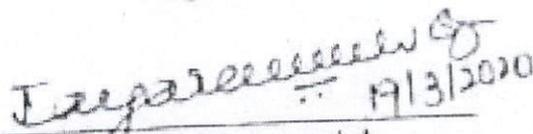
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr. AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. ... research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Thanking you,

Yours faithfully

Signature


19/3/2020

Dr. G.V. Jayaramaiah
Dean (R & D)

Signature


Dr. C. Nanjunda Swamy
Principal

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Vice Principal for information
3. Head, Account Section, for information
4. Registrar/AAO, for information
5. Dean (R&D) for file.
6. PA-Principal for file


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.
Research and Development Cell

Dr. AIT/R&D/2019-20/31

Date: 20-05-2020

To
✓ Dr. S. Baskaran
Associate Professor
Department of Master of Business Administration
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

Administrative Approval

Subject: Financial Assistance under Dr. AIT R & D Grant Scheme for the research project entitled "Cross Marketing Strategies of Financial Products of the Public Sector Banks in Bangalore City" submitted by Dr. M. Mahadeva and Dr. S. Baskaran - Reg.

Ref No: Dr. AIT/R&D/2019-20/

Dated: 20/05/2020

Sir/Madam,

With reference to the above subject, the project proposal entitled "Cross Marketing Strategies of Financial Products of the Public Sector Banks in Bangalore City" submitted by **Dr. M. Mahadeva and Dr. S. Baskaran, Principal Investigator**, Department of Master of Business Administration of Dr. Ambedkar Institute of Technology (Dr. AIT), Bengaluru-560 056 is sanctioned with a grant of Rs 3,50,000/- (Rupees Three Lakh Fifty thousand only) for a period of 18 months.

The details of the grant for which the total allocation of Rs. 3, 50,000/- are as follows

Expenditure details	12 Months (Rs)	6 Months (Rs)	Total in Rupees
Consumables and conference registration	30000.00	20000.00	50000.00
Travelling Expenses data collection	20000.00	80000.00	100000.00
Investigators hired for data collection	72000.00	72000.00	144000.00
Books	56000.00	0.00	56000.00
Total	178000.00	172000.00	350000.00

The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Co- Investigator of the concerned department.
- 2) The research activities will be evaluated by the evaluation committee constituted by the Chairman/Vice Chairman/Dean (R&D) of the Research and Development Monitoring Committee twice in a year (January/July) after commencement of the project apart from periodic review.


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY

BENGALURU-560 056.

Research and Development Cell

- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly progress report by the Principal Investigator. Audited statement of accounts and utilization certificate duly certified by the financial authority of the Institute for each financial year is required to submit through Head of the Department of the Institution to the undersigned. **Excess expenditure, beyond sanctioned grants will not be considered.**
- 5) The date of the receipt of the first instalment of the grant would be reckoned as the date of commencement of the project.
- 6) Any correspondence by the investigators to the Dean (R&D)/Principal of Dr. AIT shall be routed through HOD of the grantee department.
- 7) The grantee department shall abide by the rules and regulations of Dr. AIT research grant scheme.

You are requested to send the letter of acceptance of the grant immediately.

Thanking you,

With Regards

Signature

Dr.C.Nanjunda Swamy

Principal

20/11/2020

Principal

Dr. Ambedkar Institute of Technology
Bangalore - 560 056

Copy with compliments to:

1. Hon'ble Secretary, PVPWT, for kind information
2. Head, Account Section, for information
3. Registrar/AAO, for information
4. Dean (R&D) for file.
5. PA-Principal for file

PRINCIPAL

Dr. Ambedkar Institute of Technology
Bangalore - 560 056.

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj,

New Delhi-110070

RPS - Sanction Letter

File No. 8-8/FDC/RPS/SC&ST (POLICY-1)/2019-20

Date: 13th March 2020

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.926885/- being the 1st installment of the total grant of Rs.941000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2019-20.

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of Rs.926885/- (Rupees Nine Lakh Twenty Six Thousand Eight Hundred Eighty Five Only) as 1st installment out of a total approved grant-in-aid of Rs.941000/- 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, Dr. Ambedkar Institute of Technology, Outer Ring Road, Near Jnana Bharathi Campus, Mallathahalli, Bangalore Urban, Karnataka -560056
II.	Principal Investigator's Name & Dept./Course	: Dr. Nanjundaswamy Chikkamadaiah, Civil Engineering
III.	Category of the P.I.	: SC
IV	Grant-in-aid Sanctioned	: Rs.941000 /- (Rs. 799850/- for non-recurring and Rs.141150/- for recurring expenditure)
V.	Amount to be Released during the year 2019-20 (as 1 st installment)	: Rs.926885/- (Rs.799850 /- Full amount of non-recurring & Rs.127035 /-90 % of total recurring sanctioned)
VI.	Project Duration	: 3 Years
VII.	Title of the Project	: ASSESMENT OF INDOOR AIR POLLUTION AND ITS IMPACT ON HUMAN HEALTH

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 Dr. Ambedkar Institute of Technology, Outer Ring Road, Near Jnana Bharathi Campus, Mallathahalli, Bangalore Urban, Karnataka - 560056 through RTGS/PMFS.
2. The sanctioned grant-in-aid is debitible to the Major Head "601.12.b (RPS Plan)" (SC) and is valid for payment during the financial year 2019-20
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 (FDC), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

[Signature]
PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

[Signature]
Professor and Head
Department of civil Engineering,
Dr. Ambedkar Institute of Technology
Bangalore - 560 056

Contd...2/-

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:-

Institute Pan No.	Bank Name	Bank Branch	Bank Branch Add.	Account Holder Name	Account Type	Account Number	IFSC Code
AAATP13 25M	Syndicate Bank	Dr Ambedkar Institute Of Technology Branch	BDA Outer Ring Road, Janana Bharathi Campus, Bangalore	Principal	Saving Account	04862010000 031	SYNE0000486

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:

1. 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.
2. 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 Principal/Director/Registrar shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to 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, by way of a demand draft in favor of 'Member Secretary, AICTE payable at New Delhi.
3. 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.
4. The Institute may constitute a Project Evaluation Committee (PEC) The composition 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 subject expert from government institute, not below the rank of Associate Professor (Member)
 - iv. Coordinator of the project (Member Secretary)
5. 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.
6. 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.
7. 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.
8. 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.

Principal
Dr. Ambedkar Institute of Technology
Bangaluru - 560 056.

Professor and Head
Department of civil Engineering
t. Ambedkar Institute of Technology
Bangalore - 560 056.

9. 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 Evaluation Committee.
10. 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.
11. 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.
12. 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:

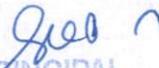
- i. Annual Progress Report, indicating therein the number of patents, publications or any other achievement.
- ii. Utilization Certificate, Audited Utilization Certificate, Receipt & Payments, Statement of Expenditure.
- iii. Audited record of assets acquired wholly or substantially out of the grant-in-aid 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...4/-


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bangaluru - 560 056.


Professor and Head
Department of civil Engineering
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.

Approved List of Items under Non-recurring grant:

S.No.	Approved Items (As per proposal)	Amount recommended
A	Non-recurring (Equipments)	
i)	Portable Indoor air Quality Monitor	
ii)	VOCs	Rs. 799850/-
B	Recurring (for Contingencies & consumables only)	Rs. 127035/-
	Grand Total (A) + (B)	Rs. 926885/-

Copy forwarded for information and necessary action to:

1. Registrar / Director / Principal,
Dr. Ambedkar Institute of Technology,
Outer Ring Road, Near Inana Bharathi Campus,
Mallathahalli, Bangalore Urban, Karnataka -560056
2. Name of Principal Investigator,
Dr. Nanjundaswamy Chikkamadaiah,
(Civil Engineering),
Dr. Ambedkar Institute of Technology,
Outer Ring Road, Near Inana Bharathi Campus,
Mallathahalli, Bangalore Urban, Karnataka -560056
3. Office of Director General of Audit
General Revenues, AGCR Building
I.P. Estate, New Delhi-110002.
4. Guard File

gob
PRINCIPAL

Dr. Ambedkar Institute of Technology
Bangaluru - 560 056.

Yours sincerely,

Col. B. Venkat
(Col. B. Venkat)
Director (BDC)
16 MAR 2020

Q
Professor and Head
Department of Civil Engineering
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23600978

43rd Series of Student Project Programme: 2019-20

LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP

44) Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU

236.	43S_BE_2011	TOWARDS MANY TO MANY COMMUNICATIONS AMONG DEAF, DUMB AND BLIND USERS	COMPUTER SCIENCE AND ENGINEERING	B.E.	STREAM A	Mrs. VINUTHA H.	Ms. MEGHA V. Ms. YASHIKA H.R. Ms. KRUPA K. Ms. CHAYA G.	5500.00
237.	43S_BE_2313	DESIGN AND ANALYSIS OF 10 PORT ROUTER FOR NETWORK ON CHIP	TELE COMMUNICATION ENGINEERING	B.E.	STREAM A	Dr. YAMUNA DEVI C.R	Mr. DHEERAJ S E Mr. LATHIF SHARIEFF Ms. NISHA SINGH Ms. SABIHA KHANUM Z	5500.00
238.	43S_BE_2555	SMART WEARABLE SYSTEM FOR ASTHMA PATIENTS	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	STREAM A	Mrs. HANSA REKHA. D	Ms. RAMYA SHREE. E.M Ms. BRUNDA S Ms. AKARSHA S N Ms. SUNITHA N S	6000.00
239.	43S_BE_2649	AUTOMATED SYSTEM FOR EYE SCAN	MEDICAL ELECTRONICS	B.E.	STREAM A	Dr. SHANTI K J	Ms. SHREYA P R Ms. CHAITRA M M Ms. RANJITHA B M Ms. SREEHARSHA G	3000.00

Note:

- The sanctioned amount will be sent separately by KSCST to the College in the name of the principal by NEFT transfer. The details of transaction no. and date will be intimated.
- The evaluation of above projects will be conducted at the nodal centres in the month of May / June 2020. Participation in the evaluation process at the nodal centres is mandatory, failing to which the sanctioned project will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- Further projects will be shortlisted for state level seminar & exhibition which will be conducted during July / August 2020.
- After completion of the projects, the hard copy and soft copy (PDF format only) of the report needs to be sent to KSCST without fail.
- Any corrections with respect to the names of the guide and students should be requested at spp@kscst.iisc.ernet.in.

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.
PRINCIPAL
2020

ALL INDIA COUNCIL FOR TECHNICAL EDUCATIONNelson Mandela Marg, Vasant Kunj,
New Delhi-110070**RPS - Sanction Letter**

File No. 8-239/RIFD/RPS (POLICY-1)/2018-19

Date: 22 November 2019

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.985000/- being the 1st installment of the total grant of Rs.1000000/- for conduct of Project under Research Promotion Scheme (RPS) during the financial year 2019-20.**

Sir,

With reference to the proposal submitted by the institute, this is to convey the sanction of the Council for payment of **Rs. 985000/- (Rupees Nine Lakh EightyFive Thousand Only)** as 1st installment out of a total approved grant-in-aid of **Rs.1000000/-** 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, DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI, BANGLORE URBAN KARNATAKA -560056
II.	Principal Investigator's Name & Dept./Course	: Dr. SIVAKUMAR BALAKRISHNAN Electronics Engineering
III.	Grant-in-aid Sanctioned	: Rs.1000000/- (Rs.850000/- for non-recurring and Rs.150000/- for recurring expenditure)
IV.	Amount to be Released during the year 2019-20 (as 1 st installment)	: Rs.985000/- (Rs.850000/- Full amount of non-recurring & Rs.135000/-90 % of recurring sanctioned)
V.	Project Duration	: 3 Years
VI.	Title of the Project	: A Design of Smart Antenna based Mobile Ad Hoc Network

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 **DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS, MALLATHAHALLI, BANGLORE URBAN KARNATAKA -560056** 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 2019-20.
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:

Advisor (RIFD), AICTE, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Princip
PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

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: -

Institute PAN No.	Bank Name	Bank Branch	Bank Address	Branch	Account Holder Name	Account Type	Account Number	IFSC Code
AAATP13 25M	SYNDICATE BANK	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY BRANCH	BDA OUTER RING ROAD, MALLATHAHALLI, BANGALORE-560056		PRINCIPAL	Saving Account	048620100000 46	SYNB0000486

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:

1. 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.
2. 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 **Principal/Director/Registrar** shall intimate about the receipt of the grant to AICTE. Any Expenditure, incurred prior to issuance of this Sanction Order, would not allowed to 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, by way of a demand draft in favor of 'Member Secretary, AICTE payable at New Delhi.
3. 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.
4. The Institute may constitute a Project Evaluation Committee (PEC) The composition 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 subject expert from government institute, not below the rank of Associate Professor (Member)
 - iv. Coordinator of the project (Member Secretary)
5. 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.
6. 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.
7. 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.
8. 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.


PRINCIPAL
 Dr. Ambedkar Institute of Technology
 Bengaluru - 560 056.

9. 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 Evaluation Committee.**
10. 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.
11. 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.
12. 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.

Jee N
PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

Yours sincerely,
[Signature]
(Dileep N. Malkhede)
Advisor (RIFD)

12 DEC 2019

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Approved List of Items under Non-recurring grant:

S.No.	Approved Items (As per proposal)	Amount recommended
A.	Non-recurring (equipments)	
i)	Spectrum Analyzer	
ii)	Fabrication	
iii)	Ansoft HFSS software	
iv)	Antenna pattern recorder	
B.	Recurring (for contingencies & consumables only)	
	Grand Total (A) + (B)	
		Rs. 1000000/-

Copy forwarded for information and necessary action to:

1. REGISTRAR / DIRECTOR / PRINCIPAL,

DR. AMBEDKAR INSTITUTE OF TECHNOLOGY,
OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS,
MALLATHAHALLI, BANGLORE URBAN
KARNATAKA -560056

2. NAME OF PRINCIPAL INVESTIGATOR,

Dr. SIVAKUMAR BALAKRISHNAN,
DR. AMBEDKAR INSTITUTE OF TECHNOLOGY,
OUTER RING ROAD, NEAR JNANA BHARATHI CAMPUS,
MALLATHAHALLI, BANGLORE URBAN
KARNATAKA -560056

3. OFFICE OF DIRECTOR GENERAL OF AUDIT

GENERAL REVENUES, AGCR BUILDING
I.P. ESTATE, NEW DELHI-110002.

4. GUARD FILE

Sua n
PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

Dileep N. Malkhede
(Dileep N. Malkhede)
Advisor (RIFD)

12 DEC 2019



Karnataka Science and Technology Promotion Society

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

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

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

Dr. H. Honne Gowda

Special Secretary (Technical),

Dept. of IT, BT and S&T/

Managing Director, KSTePS

No. KSTePS/VGST-RGS-F/2018-19/GRD No.799/315

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 "**Condition monitoring of Internal Combustion (IC) Engine Using Vibration Analyses and Acoustic Emission Technique**" 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

..2

[Signature]
PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Mr. H. Hemanth Kumar
Executive Secretary

Ref: 7.1.01/SPP/1333

27th March 2019

The Principal,
Dr. Ambedkar Institute of Technology Campus,
BDA Outer Ring Road,
Bengaluru - 560 056.

Dear Sir/Madam,

Sub : Sanction of Student Project - 42nd Series: Year 2018-2019
Your Project Proposal Reference No. : 42S_BE_1561

Ref : Your Project Proposal entitled " CONGESTION CONTROL AND COLLISION AVOIDANCE IN VEHICULAR AREA NETWORK

I am happy to inform that your student project proposal referred above, has been approved by the Council for "Student Project Programme - 42nd Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Saniya Sultana and others	Budget	Amount (Rs)
		Materials/Consumables	5,000.00
Guide/s	Prof. Usha Rani M.A	Labor	-
		Travel	500.00
Department	Telecommunication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	6,500.00
	SIX THOUSAND FIVE HUNDRED RUPEES ONLY		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

- e) Projects selected for Seminar / Exhibition will be awarded.

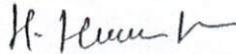
The sanctioned amount will be sent through NEFT by Accounts Department. Please furnish the bank account details as per the format enclosed with this letter.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

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

Thanking you and with best regards,

Yours sincerely,



(H. Hemanth Kumar)

Copy to:

- 1) The Head of the Department of
Telecommunication Engineering
Dr. Ambedkar Institute Of Technology Campus,
Bda Outer Ring Road,
Bengaluru - 560 056.
- 2) Prof. Usha Rani M.A
Department of Telecommunication Engineering
Dr. Ambedkar Institute Of Technology Campus,
Bda Outer Ring Road,
Bengaluru - 560 056.
- 3) The Finance Officer, KSCST, Bangalore

Encl: As Above


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Karnataka Science and Technology Promotion Society

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

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

No. KSTePS/VGST-RGS/F/GRD No.728/2017-18

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 "Use of Wearable Devices to Perform Real Time Analysis for the Wellness of Aging Population and Patients by Developing a Big Data Analytics System" 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

To,
The Principal
Dr. Ambedkar Institute of Technology
BDA Outer Ring Road, Mallathahalli
Near Jnanabharathi Campus
Bengaluru-560 056

CC: 1. Dr. S. Gowrishankar, Dept. of CSE, Dr. Ambedkar Institute of Technology, BDA Outer Ring Road
Mallathahalli, Near Jnanabharathi Campus, Bengaluru-560 056 - 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.


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology

Karnataka Government Secretariat, No.702, 7th Floor, 4th Stage, M. S. Building, Dr. Ambedkar Veedhi, Bangalore-560 001

Phone: 080-2203 2013, E-mail: visiongroup.st@gmail.com Website: www.vgst.in

No /VGST/GRD-728 / 2017-18 /2018-19/508

2-2-2019

To,

The Principal,

Dr. Ambedkar Institute of Technology,

BDA Outer Ring Road, Mallathahalli,

Near Jnana Bharathi Campus, Bangalore – 560 056.

Dear Sir,

Subject: Approval for the submission of PART –A for purchase the
Equipment. – GRD – 728,

With reference to the approval of GRD -728, Dr. Ambedkar Institute of Technology, BDA Outer Ring Road, Mallathahalli, Near Jnana Bharathi Campus, Bangalore under the scheme RGS/F proposed by Dr. S. Gowrishankar, Department of Computer Science and Engineering, the project titled "Use of Wearable Devices to Perform Real Time Analysis for the Wellness of Aging Population and Patients By Developing a Big Data Analytics System" was released the grant of Rs 5.00 lakhs for the FY: 2017-18 (Cheque no:006007, Dt:18.09.2018).

As submitted the PART – A of GRD -728, by the Grantee Institution requesting for the purchase of Equipment from the grants. The details are as follows.

Non- Recurring Budget estimate under Manual- Tendering process for the FY: 2017-18.

Sl. NO	Submitted in PART- A under non-recurring (MTP) Budget estimate by Grantee Institution	Amount (Rs)
1	High End Laptop With GPU	88,000.00
2	Large Screen Monitor	20,000.00
3	Mobile based on Android One	32,000.00
4	High End All in one Printer	20,000.00
5	Tablets	36,000.00
6	Raspberry Pi With accessories and sensors	36,000.00
7	Arduino with accessories and sensors	36,000.00
8	Amazon Echo Plus	30,000.00
9	Google Home	20,000.00
10	Smart Watches	25,000.00
11	Health Trackers	22,000.00
12	Quadcopters (Drone) and accessories	15,000.00
13	Robotics kit and accessories	20,000.00
	Total	4,00,000.00

Recurring Budget Estimate for the FY: 2017-18

SL. NO	Submitted in PART – A under Recurring Budget Estimate by Grantee Institution	AMOUNT (Rs)
1	Electrical and Electronic Spare Parts	10,000.00
2	Contingency	20,000.00
3	Books and Journal	5,000.00
4	Stationary Items	15,000.00
5	Paper Publications	50,000.00
	Total	1,00,000.00

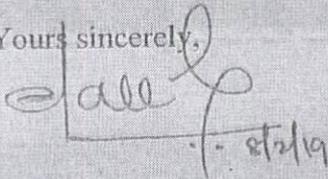
The submitted Proposals and PART – A document details are as follows

	5,00,000.00
TOTAL	5,00,000.00
(A) NON-RECURRING	
E-tendering (ETP)	00.00
Manual -tendering s(MTP)	4,00,000.00
TOTAL	4,00,000.00
(B) RECURRING	
Consumables and Contingency	1,00,000.00
Total (A+B)	5,00,000.00
Approval as per (PART - A submitted by GI / PC)	5,00,000.00
BALANCE AMOUNT	00.00

In this view, as mentioned in the procurement document (PART-A), you may purchase the equipment through Manual-Tendering. Please do not deviate the purchase procedure for the procurement of equipment. Please submit the PART-B and PART-C (download in VGST website) to the VGST office after completion of the process. This is for your kind information.

With thanks and regards,

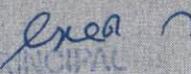
Yours sincerely,



(Dr.S.G.Sreekanteshwara Swamy)

Consultant

CC: Dr. S. Gowrishankar, Department of Computer Science and Engineering, Dr. Ambedkar Institute of Technology, BDA Outer Ring Road, Mallathahalli, Near Jnana Bharathi Campus, Bangalore – 560 056.


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bangalore - 560 056.



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

Ref: 7.1.01/SPP/08

28th March 2018

The Principal,
Dr. Ambedkar Institute of Technology Campus,
BDA Outer Ring Road,
Bengaluru - 560 056.



Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : 41S_BE_0579

Ref : Your Project Proposal entitled " SMART PHONE CONTROLLED UNMANNED GROUND SENSOR DRONE VEHICLE FOR AIR QUALITY AND ENVIRONMENTAL MONITORING

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Swathi S and others	Budget	Amount (Rs)
		Materials/Consumables	3,000.00
Guide/s	Mrs. Soumya M	Labor	-
		Travel	-
Department	Telecommunication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	4,000.00
RUPEES FOUR THOUSAND			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

Principal

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
 - 6) Objectives (about 10 lines)
 - 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
 - 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
 - 9) Scope for future work (about 20 lines).
- (Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)**

e) Projects selected for Seminar / Exhibition will be awarded.

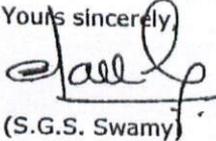
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

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

Thanking you and with best regards,

Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Telecommunication Engineering
Dr. Ambedkar Institute Of Technology Campus,
Bda Outer Ring Road,
Bengaluru - 560 056.
- 2) Prof. Usharani M A
Department of Telecommunication Engineering
Dr. Ambedkar Institute Of Technology Campus,
Bda Outer Ring Road,
Bengaluru - 560 056.
- 3) The Finance Officer, KSCST, Bangalore


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

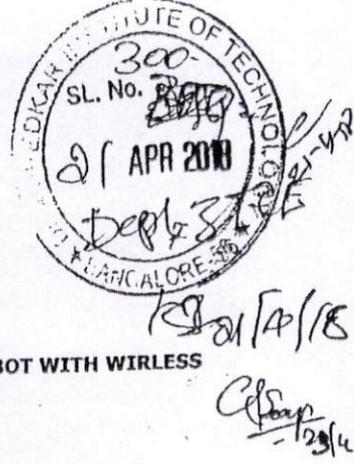
Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

Ref: 7.1.01/SPP/08

28th March 2018

The Principal,
Dr. Ambedkar Institute of Technology Campus,
BDA Outer Ring Road,
Bengaluru - 560 056.



Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : 41S_BE_0526

Ref : Your Project Proposal entitled " **ANDROID BASED WARFIELD ROBOT WITH WIRLESS NIGHT VISION CAMERA**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Chethan Gowda H S and others	Budget	Amount (Rs)
Guide/s	Prof. Usharani M A	Materials/Consumables	5,000.00
		Labor	-
Department	Telecommunication Engineering	Travel	-
		Miscellaneous	500.00
		Report	500.00
		TOTAL	6,000.00
RUPEES RUPEES SIX THOUSAND			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.

- 6) Introduction / background
(with specific reference to the project, work done earlier, etc) - about 20 lines
- 6) Objectives (about 10 lines)
- 7) Methodology (about 20 lines)
(materials, methods, details of work carried out, including drawings, diagrams etc)
- 8) Results and Conclusions
(about 20 lines with specific reference to work carried out)
- 9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

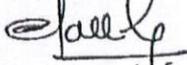
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly by e-mail / Website announcement.

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

Thanking you and with best regards,

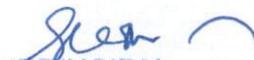
Yours sincerely,



(S.G.S. Swamy)

Copy to:

- 1) The Head of the Department of
Telecommunication Engineering
Dr. Ambedkar Institute Of Technology Campus,
Bda Outer Ring Road,
Bengaluru - 560 056.
- 2) Prof. Mahesan. K. V
Department of Telecommunication Engineering
Dr. Ambedkar Institute Of Technology Campus,
Bda Outer Ring Road,
Bengaluru - 560 056.
- 3) The Finance Officer, KSCST, Bangalore


PRINCIPAL

Dr. Ambedkar Institute of Technology
Bengaluru - 560 056.



Karnataka State Council for Science and Technology
 Indian Institute of Science Campus, Bengaluru - 560 012

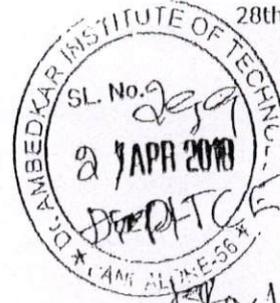
Telephone: 080-23341652, 23348840, 23348849 ♦ Telefax: 080-23348840
 Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanth Swamy
 Executive Secretary

Ref: 7.1.01/SPP/08

28th March 2018

The Principal,
 Dr. Ambedkar Institute of Technology Campus,
 BDA Outer Ring Road,
 Bengaluru - 560 056.



Handwritten signatures and initials:
 S. G. Sreekanth Swamy
 21-4-18

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
 Your Project Proposal Reference No. : 41S_BE_0435

Ref : Your Project Proposal entitled " **ARM CORTEX-M3 BASED SECURE DATA TRANSMISSION FOR EXAMINATION SYSTEM**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Bhargava P and others	Budget	Amount (Rs)
Guide/s	Prof. Mahesan. K. V	Materials/Consumables	4,000.00
Department	Telecommunication Engineering	Labor	-
		Travel	-
		Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUSAND.			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

Handwritten signature:
 PRINCIPAL

Dr. Ambedkar Institute of Technology
 Bengaluru - 560 056.



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

No. KSTePS/VGST-KFIST (L1)/2017 / 274 / 3

Date: 27.11.2017

Dear Sir,

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

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

We are pleased to inform you that the project titled "**Monosek for Network Security Lab**" submitted under the **VGST scheme of KFIST Level (1)** for the financial year 2016-'17 has been approved by the Government based on the recommendations of Vision Group on Science and Technology under the Chairmanship of Prof. CNR Rao, Honorary President, JNCASR.

The total project grant award for a period of 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 installment from our office.

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

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

--2


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

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

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

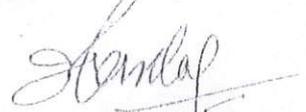
Vision Group on Science and Technology
Dept. of IT, BT and S&T, Karnataka Government Secretariat,
Room No. 702, 7th Floor, 4th Gate,
M.S. Building, Dr. Ambedkar Veedhi,
Bangalore – 560001.

Phone : 080-2203 2013
Email : visiongroup.st@gmail.com
Website : www.vgst.in

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

Thanking you

Yours sincerely,


(H. Honne Gowda)

To,
The Principal
Dr. Ambedkar Institute of Technology
Near Jnana Bharathi Campus,
Bengaluru - 560056.


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

CC:

Dr. Yamuna Devi C R, Program Coordinator, Dept. of Telecommunication Engineering,
Dr. Ambedkar Institute of Technology, Near Jnana Bharathi Campus,
Bengaluru - 560056.



Karnataka Science and Technology Promotion Society (KSTePS)

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

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

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

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

No. KSTePS/VGST-KFIST (L1)/2017 / 244 / 01

Date: 27.11.2017

Dear Sir,

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

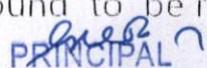
Greetings from the Dept. of Information Technology, Biotechnology and
Science & Technology!!

We are pleased to inform you that the project titled "**Digital encryption of speech
Signal using Chaotic Based stream cipher system for secure Voice
communication**" submitted under the VGST scheme of KFIST Level (1) for the
financial year 2016-'17 has been approved by the Government based on the
recommendations of Vision Group on Science and Technology under the
Chairmanship of Prof. CNR Rao, Honorary President, JNCASR.

The total project grant award for a period of 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 installment from our office.

The grant will be paid to the Head of the Institution, under whose supervision the
Principal Investigator shall be responsible for completion of the stated objectives of
the project. The Principal Investigator through the Institution Head shall have to
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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


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Dr. Ambedkar Institute of Technology
Bengaluru-560 056

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

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

Phone : 080-2203 2013

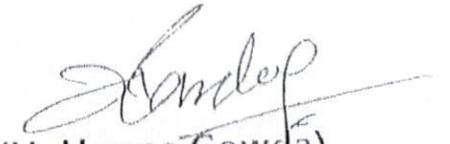
Email : visiongroup.st@gmail.com

Website : www.vgst.in

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

Thanking you

Yours sincerely,


(H. Honne Gowda)

To,
The Principal
Dr. Ambedkar Institute of Technology
Near Jnana Bharathi Campus, Bengaluru - 560056.


PRINCIPAL
Dr. Ambedkar Institute of Technology
Bengaluru-560 056

CC:

Dr. Ramesh S, Program Coordinator, Dept. of Electronics and Communication Engineering, Dr. Ambedkar Institute of Technology, Near Jnana Bharathi Campus, Bengaluru - 560056.