

ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).



Internal Quality Assurance Cell (IQAC)



19/06/2020

CIRCULAR

**Sub: Research Project Proposals for Seed Money/Research Grant**

It is hereby informed that Proposals are invited for the financial assistance under Seed Money Scheme for the academic year 2020-21 from the faculty members. The primary goal of this scheme is to support faculty in developing research resources in the area of expertise and to develop innovative or interdisciplinary approaches or methodologies. The program shall help generate preliminary data that provides technological/software developments, translation into prototypes/patents/copyrights/publications.

The faculty members are encouraged to apply for seed money/research grant on or **before 31/07/2020** through proper channel. Received proposals will be placed before the Research Advisory committee for the scrutiny. The selected project proposals will be intimated to the Investigator for further processing.

The research proposals complete in all respects must be received in the office of Dean (Research) on or before the last date i.e. **31/07/2020**.

Copy to the:

1. Office files
2. All HODs
3. Placement
4. Library



  
PRINCIPAL

PRINCIPAL  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



**FORMAT FOR RESEARCH PROPOSAL UNDER SEED MONEY**

**A. Details of the faculty Member**

1	Name of the faculty	
2	Department	
3	Designation	
4	Date of Joining the Institute	
5	Date of Birth	
6	Mobile No.	
7	Email.	

**B. Details of Project Proposal:**

1	Title of the Proposal	
2	Tentative Time Period (Maximum 2 years) (Include date of expected completion)	
3	3.1 Research Objectives	
	3.2 Current status of the work (Literature Review with research gaps identified)	
	3.3 Relevance of the project in current scenario	
4	Methodology, Research plan and Milestone Bar chart of the proposed work	
5	Tentative Budget (Rs.):	
6	Deliverables/Outcome in terms of creating specialized research resources	
7	List of publication of the investigator (indexed journal only)	

**C. Budget Estimation:**

**(i) Non-Recurring (NR) Expenditure Equipment's/ Software's (Electronic gadgets, Computer and its peripherals are not permitted)**

S. No.	Name of Equipment/ Facilities to be procured	Specifications of Equipment/Software	Estimated Cost (in Rs.)	Justification for Procurement	Whether the proposed item already in the department (Yes/No)

**(ii) Recurring Expenditure: Consumables (Restricted up to 20% of maximum value).**

S. No.	Items	Budget (in Rupees)

Certified that the contents of the research proposal are correct and details provided are genuine to my entire satisfaction.

Place:

Date:

Recommendation of HOD:

Signature & Name of the Investigator

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. P. MUTHUSAMY

Assistant Professor,

Department of Aeronautical engineering,

Adhiyamaan College of Engineering,

Hosur-635 109.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the 18<sup>th</sup> February 2021 @09:30 a.m.

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



PRINCIPAL

PRINCIPAL

Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**

**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Dr. R. SEETHA

Professor & Head,

Department of Architecture,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
**PRINCIPAL**

**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Dr. N.BAGYALAKSHMI

Assistant Professor,

Department of Biomedical Engineering,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
**PRINCIPAL**

**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**

**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Dr. V. MANIVASAGAN

Associate Professor,

Department of Biotechnology,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



**PRINCIPAL**

**PRINCIPAL**

**Adhiyamaan College of Engineering (Autonomous)**  
**Dr.M.G.R. Nagar, HOSUR-635130**

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Dr. M. LILLY FLORENCE

Associate Professor,

Department of Computer Science Engineering,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the 18<sup>th</sup> February 2021 @09:30 a.m.

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



PRINCIPAL

PRINCIPAL

Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130

ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).



Internal Quality Assurance Cell (IQAC)



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. M. KATHIRVEL

Assistant Professor,

Department of Civil Engineering,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



PRINCIPAL

PRINCIPAL

Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130





**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**

**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. P. EZHILKUMAR

Assistant Professor

Department of Chemical Engineering,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



**PRINCIPAL**

**PRINCIPAL**

Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**

**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. M. ASHOK KUMAR

Assistant Professor,

Department of Electronics and Communication Engineering,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
**PRINCIPAL**  
**PRINCIPAL**  
**Adhiyamaan College of Engineering (Autonomous)**  
**Dr.M.G.R. Nagar, HOSUR-635130**

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To  
Mrs. M. SUKANYA  
Assistant Professor,  
Department of Electrical and Electronics Engineering,  
Adhiyamaan College of Engineering,  
Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the 18<sup>th</sup> February 2021 @09:30 a.m.


Venue: Conference Hall

Department of Civil engineering,  
ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
**PRINCIPAL**  
**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**

**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. M. ANBARASAN

Assistant Professor,

Department of Electronics and Instrumentation Engineering,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



**PRINCIPAL**

**PRINCIPAL**

**Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130**

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. S. SATHISH KUMAR

Assistant Professor,

Department of Information Technology,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the 18<sup>th</sup> February 2021 @09:30 a.m.

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
**PRINCIPAL**  
**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**

**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Dr. D. ANIN VINCELY

Associate Professor,

Department of Mechanical Engineering,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the 18<sup>th</sup> February 2021 @09:30 a.m.

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
**PRINCIPAL**  
**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**

**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. S. DEEPA

Assistant Professor,

Department of Mathematics,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



**PRINCIPAL**  
**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Ms. A. GEETHA

Assistant Professor,

Department of Physics,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
**PRINCIPAL**  
**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Mr. M. ARJUNAN

Assistant Professor,

Department of Chemistry,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

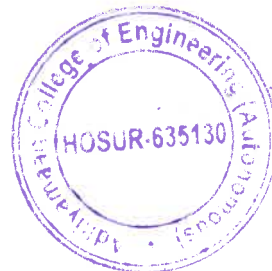
Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



**PRINCIPAL**

**PRINCIPAL**

**Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130**

ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)  
Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).



Internal Quality Assurance Cell (IQAC)



12.02.2021

Sub: Call letter for Seed Money/Research Grant -Reg

To

Dr. K.R. KUMAR

Assistant Professor,

Department of MBA,

Adhiyamaan College of Engineering,

Hosur.

Dear Sir /Madam,

Congratulations! With reference to your research proposal under seed money application, your proposal has been shortlisted for an interview under seed money. We are happy to invite you for an interview with 15 mins of presentation (PPT) on your proposal which is scheduled on Thursday, the **18<sup>th</sup> February 2021 @09:30 a.m.**

Venue: Conference Hall

Department of Civil engineering,

ACE, Hosur-635109.

Please bring 3 copies of your proposal.

Feel free to contact IQAC cell for any clarification.



  
PRINCIPAL

PRINCIPAL  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**



12.02.2021

The research proposals received under seed money in the year 2020-2021 is listed below.

Sr. No.	Name of the Faculty	Department	Title of the proposals
1	Mr. P. Muthusamy	Aeronautical Engineering	An explanatory approach to modeling the fleet assignment in the global air transportation system
2	Dr. R. Seetha	Architecture	Stuff and space in the home: space for storage as the forgotten design and well-being dimension in standardised housing
3	Dr. N. Bagyalakshmi	Biomedical Engineering	Automatic detection and characterization of the transition period from wake to sleep
4	Dr. V. Manivasagan	Biotechnology	Green synthesis of silver nanoparticles using medicinal plants: Characterization and application
5	Dr. M. Lilly Florence	Computer Science Engineering	Social Media Community Using Optimized Clustering Algorithm
6	Mr. M. Kathirvel	Civil Engineering	Nonlinear Seismic Response of SV Wave Incident Angle and Direction to Concrete Gravity Dam
7	Mr. P. Ezhilkumar	Chemical Engineering	Fault Diagnosis and Prediction of Continuous Industrial Processes Based on Hidden Markov Model-Bayesian Network Hybrid Model
8	Mr. M. Ashok kumar	Electronics and Communication Engineering	Parking Availability Indication System
9	Mrs. M. Sukanya	Electrical and Electronics Engineering	Off-Board Electric Vehicle Battery Charger Using PV Array
10	Mr. M. Anbarasan	Electronics and Instrumentation Engineering	Android Based Smart Phone Used for Induction Motor Control.
11	Mr. S. Sathish Kumar	Information Technology	Preventing Phishing Attack On Voting System Using Visual Cryptography
12	Dr. D. Anin Vincely	Mechanical Engineering	Experimental Investigation of Graphene Oxide Nanofluids Under Natural Circulation In Solar Water Heaters
13	Mrs. S. Deepa	Mathematics	Sequentially split *-homomorphisms between C*-algebras
14	Mrs. A. Geetha	Physics	Pack-level performance of electric vehicle batteries in second-life electricity grid energy services
15	Mr. M. Arjunan	Chemistry	FEM-based analysis of avalanche ruggedness of high voltage SiC Merged-PiN-Schottky and Junction-Barrier-Schottky diodes
16	Dr. K.R. Kumar	MBA	The Roles of Celebrities in Public Disputes: Climate Change and the Great Barrier Reef



PRINCIPAL

PRINCIPAL

Adhiyamaan College of Engineering (Autonomous)  
 Dr.M.G.R. Nagar, HOSUR-635130

**ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)**  
**Dr. M. G. R. Nagar, Hosur – 635 109, Krishnagiri (Dt).**



**Internal Quality Assurance Cell (IQAC)**









18.02.2021

**Minutes of meeting**

The interview of research proposal under seed money is conducted on Thursday, the 18<sup>th</sup> February 2021 @ 09:30 a.m. in Conference Hall, Department of Civil engineering, ACE, Hosur-635109.

The following members were present in the meeting

- |   |                                                                                               |            |
|---|-----------------------------------------------------------------------------------------------|------------|
| 1 | <b>Dr. G. Ranganath</b><br>Principal, ACE-Hosur.                                              | (Chairman) |
| 2 | <b>Dr. S. Suresh Babu</b><br>Dean R&D, HoD,<br>Department of Civil Engineering,<br>ACE-Hosur. | (Member)   |
| 3 | <b>Dr. S. Sumathi</b><br>HoD, Department of ECE, ACE-Hosur.                                   | (Member)   |
| 4 | <b>Dr. G. Fathima</b><br>HoD,<br>Department of CSE, ACE-Hosur.                                | (Member)   |
| 5 | <b>Dr. K. Sivakumar</b><br>HoD,<br>Department of Chemistry, ACE-Hosur.                        | (Member)   |
| 6 | <b>Dr.B.N.Shivakumar</b><br>HoD,<br>Department of MBA, ACE-Hosur.                             | (Member)   |



  
**PRINCIPAL**  
**PRINCIPAL**  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



# ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)

Affiliated to Anna University - Chennai & Approved by AICTE - New Delhi.

Accredited by NBA - New Delhi & NAAC - UGC - New Delhi.

Dr. M.G.R. Nagar, HOSUR - 635 130, Krishnagiri (Dist.), Tamil Nadu, India.

**Dr. G. Ranganath,**

Principal

M.E., Ph.D., F.I.E., C.Eng.(I), M.I.S.T.E.

File No.03/2020-2021

22.02.2021

Ref. No.: AERI/R&D/SEED/08/2020-2021

## OFFICE ORDER

*Sub: Sanction of finance assistance for the project entitled "EXPERIMENTAL INVESTIGATION OF GRAPHENE OXIDE NANOFUIDS UNDER NATURAL CIRCULATION IN SOLAR WATER HEATERS" under SEED money grant at Adhiyamaan College of Engineering (Autonomous).*

I hereby inform you that the Research Advisory Committee has approved your proposal to sanction amount of Rs. 99,230/- (Ninety nine thousand two hundred and thirty Rupees only) under seed money grant for research projects during the academic year (2020-2021).

Sr. No.	Name of the Investigator	Designation	Department
1	Dr. D. Anin vincely	Associate Professor	Mechanical Engineering

Copy to:

1. R & D Dean
2. Head of the Departments
3. File



  
PRINCIPAL

PRINCIPAL  
Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



# ADHIYAMAAN COLLEGE OF ENGINEERING (Autonomous)

Affiliated to Anna University - Chennai & Approved by AICTE - New Delhi.

Accredited by NBA - New Delhi & NAAC - UGC - New Delhi.

Dr. M.G.R. Nagar, HOSUR - 635 130, Krishnagiri (Dist.), Tamil Nadu, India.

**Dr. G. Ranganath,**

Principal

M.E., Ph.D., F.I.E., C.Eng.(I), M.I.S.T.E.

File No.03/2020-2021

22.02.2021

Ref. No.: AERI/R&D/SEED/09/2020-2021

## OFFICE ORDER

**Sub: Sanction of finance assistance for the project entitled "OFF-B0ARD ELECTRIC VEHICLE BATTERY CHARGER USING PV ARRAY" under SEED money grant at Adhiyamaan College of Engineering (Autonomous).**

I hereby inform you that the Research Advisory Committee has approved your proposal to sanction amount of Rs. 61,500/- (Sixty one thousand and five hundred Rupees only) under seed money grant for research projects during the academic year (2020-2021).

Sr. No.	Name of the Investigator	Designation	Department
1	Mrs. M. Sukanya	Assistant Professor	Electrical and Electronics Engineering

Copy to:

1. R & D Dean
2. Head of the Departments
3. File



  
PRINCIPAL

PRINCIPAL

Adhiyamaan College of Engineering (Autonomous)  
Dr.M.G.R. Nagar, HOSUR-635130



## ADHIYAMAAN EDUCATIONAL AND RESEARCH INSTITUTION

HOSUR CAMPUS : Dr. M.G.R. NAGAR, HOSUR - 635 130 Krishnagiri Dist. Tamil Nadu

PHONE : 04344 - 261034, 260570, 261002 FAX : 04344 - 260573

E-mail : ace\_au@adhyyamaan.ac.in Web : www.adhyyamaan.ac.in

### Evaluation of Research Proposal for Seed Fund

- Title of the project** : EXPERIMENTAL INVESTIGATION OF GRAPHENE OXIDE NANOFUIDS UNDER NATURAL CIRCULATION IN SOLAR WATER HEATERS
- Branch** : MECHANICAL ENGINEERING
- Domain / Thrust area** : NANOTECHNOLOGY
- Principal Investigator** : Dr. D. ANIN VINCELY
- Co-Principal investigator** : --
- Duration of the project** : 12 MONTHS
- Amount of seed fund requested** : Rs. 99,230/-
- Major outcomes** :  Research proposal  
(select whichever applicable)  SCI publication  
 Product development  
 Patent  
 UG/PG/PhD Projects
- Background work** :  Have PhD in relevant area  
(select whichever applicable)  Have relevant publications  
 Carried out relevant research in our university
- Presented on** : 18.02.2021



**ADHIYAMAAN EDUCATIONAL AND RESEARCH INSTITUTION**

HOSUR CAMPUS : Dr. M.G.R. NAGAR, HOSUR - 635 130 Krishnagiri Dist. Tamil Nadu

PHONE : 04344 - 261034, 260570, 261002 FAX : 04344 - 260573

E-mail : ace\_au@adhiyamaan.ac.in

Web : www.adhiyamaan.ac.in

Comments by Monitoring Committee : Recent development field, good work

Name & Signature : Dr. G. Pathima 


Review by Principal :  Accepted  
 Rejected  
 Resubmission with following details

Name & Signature : 

Comments by External Expert : —

Name & Signature

Comments by Trustee : Not

Name & Signature : K. Suresh Babu 





## ADHIYAMAAN EDUCATIONAL AND RESEARCH INSTITUTION

HOSUR CAMPUS : Dr. M.G.R. NAGAR, HOSUR - 635 130 Krishnagiri Dist. Tamil Nadu

PHONE : 04344 - 261034, 260570, 261002 FAX : 04344 - 260573

E-mail : ace\_au@adhityamaan.ac.in Web : www.adhityamaan.ac.in

### Evaluation of Research Proposal for Seed Fund

**Title of the project** : OFF-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING PV ARRAY

**Branch** : MECHANICAL ENGINEERING

**Domain / Thrust area** : CONTROL OF ELECTRICAL MOTOR DRIVES

**Principal Investigator** : Mrs. M. SUKANYA

**Co-Principal investigator** : --

**Duration of the project** : 12 MONTHS

**Amount of seed fund requested** : Rs. 61,500/-

**Major outcomes** :  Research proposal  
(select whichever applicable)  SCI publication  
 Product development  
 Patent  
 UG/PG/PhD Projects

**Background work** :  Have PhD in relevant area  
(select whichever applicable)  Have relevant publications  
 Carried out relevant research in our university

**Presented on** : 18.02.2021



**ADHIYAMAAN EDUCATIONAL AND RESEARCH INSTITUTION**

**HOSUR CAMPUS : Dr. M.G.R. NAGAR, HOSUR - 635 130 Krishnagiri Dist. Tamil Nadu**

**PHONE : 04344 - 261034, 260570, 261002 FAX : 04344 - 260573**

**E-mail : ace\_au@adhityamaan.ac.in Web : www.adhityamaan.ac.in**

**Comments by Monitoring Committee** : Recent development field, good work

**Name & Signature**  Dr - A. PATHIMA

**Review by Principal** :  Accepted  
 Rejected  
 Resubmission with following details

**Name & Signature**




**Comments by External Expert** : —

**Name & Signature**

**Comments by Trustee** : Not

**Name & Signature**

: K. Suresh Babu.  




**ADHIYAMAAN EDUCATIONAL AND RESEARCH INSTITUTION**

HOSUR CAMPUS : Dr. M.G.R. NAGAR, HOSUR - 635 130 Krishnagiri Dist. Tamil Nadu

PHONE : 04344 - 261034, 260570, 261002 FAX : 04344 - 260573

E-mail : ace\_au@adhiyamaan.ac.in Web : www.adhiyamaan.ac.in

Date: 22/02/2021

Sub: Release of Grants for your proposal on “EXPERIMENTAL INVESTIGATION OF GRAPHENE OXIDE NANOFLUIDS UNDER NATURAL CIRCULATION IN SOLAR WATER HEATERS”.

Ref: Your presentation before Monitoring Committee on 18 - 02 - 2021

Approval is hereby accorded for the release of grants under the RESEARCH PROPOSAL SCHEME from AERI TRUST. Approval is accorded for the sanction of Rs. 99,230/- (Ninety nine thousand two hundred and thirty Rupees only) to Dr. D. ANIN VINCELY, Associate Professor, Department of Mechanical Engineering, Adhiyamaan College of Engineering, Hosur - 635 109.

  
TRUSTEE

CHENNAI OFFICE : C-2, M.I.G. Block, Foreshore Estate, CHENNAI - 600 028  
PHONE : 044 - 28295110 / 28293218  
FAX : 044 - 28295110



**ADHIYAMAAN EDUCATIONAL AND RESEARCH INSTITUTION**

**HOSUR CAMPUS : Dr. M.G.R. NAGAR, HOSUR - 635 130 Krishnagiri Dist. Tamil Nadu**

**PHONE : 04344 - 261034, 260570, 261002 FAX : 04344 - 260573**


**E-mail : ace\_au@adhiyamaan.ac.in Web : www.adhiyamaan.ac.in**

Date: 22/02/2021

Sub: Release of Grants for your proposal on "**OFF-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING PV ARRAY** "

Ref: Your presentation before Monitoring Committee on 18-02-2021


Approval is hereby accorded for the release of grants under the RESEARCH PROPOSAL SCHEME from AERI TRUST. Approval is accorded for the sanction of Rs. **61,500/- (Sixty one thousand and five hundred Rupees only)** to **Mrs. M. SUKANYA**, Assistant Professor, Department of Electrical and Electronics Engineering, Adhiyamaan College of Engineering, Hosur - 635 109.

  
TRUSTEE

**CHENNAI OFFICE : C-2, M.I.G. Block, Foreshore Estate, CHENNAI - 600 028**  
**PHONE : 044 - 28295110 / 28293218**  
**FAX : 044 - 28295110**

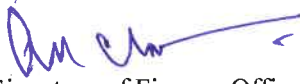
UTILIZATION CERTIFICATE  
SEED MONEY

1	Title of the Project	EXPERIMENTAL INVESTIGATION OF GRAPHENE OXIDE NANOFLUIDS UNDER NATURAL CIRCULATION IN SOLAR WATER HEATERS
2	File No.	03/2020-2021
3	Date of Start	22.02.2021
4	Date of completion	23.05.2022
5	Name of the Principal Investigator(s)	Dr. D. ANIN VINCELY
6	Implementing Department(s)	MECHANICAL ENGINEERING
7	Sanction order No. & date	AERI/R&D/SEED/08/2020-2021 & 22.02.2021
8	Total amount that was available for Expenditure	Rs. 99,230/-
9	Actual Expenditure incurred	Rs. 99,230/-
10	Balance amount available (8-9)	NIL

 (Dr. D. ANIN VINCELY)

Name & Signature of PI(s)

Date: 23-05-2022



Name & Signature of Finance Officer with Seal

Date: 23/05/22




Name & Signature of Principal with Seal

Date: 23/05/22  
Dr. G. RANGANATH, M.E., Ph.D., F.I.E., C.Eng., (I) M.I.S.T.E.

**Principal**  
Adhiyamaan College of Engineering (Autonomous)  
Dr. M.G.R. Nagar, HOSUR - 635 109

## UTILIZATION CERTIFICATE

Certified that out of Rs. 99,230/- (NINETY NINE THOUSAND TWO HUNDRED AND THIRTY RUPEES ONLY) grants-in-aid sanctioned under ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS) for seed money project entitled EXPERIMENTAL INVESTIGATION OF GRAPHENE OXIDE NANOFUIDS UNDER NATURAL CIRCULATION IN SOLAR WATER HEATERS vide sanction order No. AERI/R&D/SEED/08/2020-2021 dated 22.02.2021, Rs 99,230/- has been utilised for the purpose for which it was sanctioned and that the balance of Rs. NIL remaining unutilised at the end of the project. Certified that we have satisfied ourselves that the conditions on which the grants-in-aid was sanctioned have been fulfilled.

 (Dr. D. ANIL NUSEBY)

Name & Signature of PI(s)

Date: 23.05.2022



Name & Signature of Finance Officer with Seal

Date: 23/05/22



Name & Signature of Principal with Seal

Date: 23/05/22  
Dr. G. RANGARATH, B.E., Ph.D., F.I.E., C.Eng., (I) M.I.S.T.

**Principal**

**Adhiyamaan College of Engineering (Autonomous)**

**Dr. M.G.R. Nagar, HOSUR - 635 109**

UTILIZATION CERTIFICATE  
SEED MONEY

1	Title of the Project	<b>OFF-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING PV ARRAY</b>
2	File No.	03/2020-2021
3	Date of Start	22.02.2021
4	Date of completion	25.05.2022
5	Name of the Principal Investigator(s)	Mrs. M. SUKANYA
6	Implementing Department(s)	ELECTRICAL AND ELECTRONICS ENGINEERING
7	Sanction order No. & date	AERI/R&D/SEED/09/2020-2021 & 22.02.2021
8	Total amount that was available for Expenditure	Rs. 61,500/-
9	Actual Expenditure incurred	Rs. 61,500/-
10	Balance amount available (8-9)	NIL

  
[M. SUKANYA]

Name & Signature of PI(s)

Date: 25.05.2022



Name & Signature of Finance Officer with Seal

Date: 25/05/2022



Name & Signature of Principal with Seal

Date: 25/05/22

**Dr. G. RANGANATH, M.E., Ph.D., F.I.E., C.Eng., (I) M.I.S.T.E**

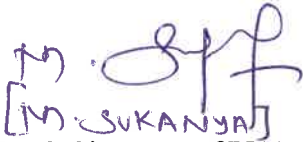
**Principal**

**Adhiyamaan College of Engineering (Autonomous)**

**Dr. M.G.R. Nagar, HOSUR - 635 109**

UTILIZATION CERTIFICATE

Certified that out of Rs. 61,500/- (SIXTY ONE THOUSAND AND FIVE HUNDRED RUPEES ONLY) grants-in-aid sanctioned under ADHIYAMAAN COLLEGE OF ENGINEERING (AUTONOMOUS) for seed money project entitled OFF-BOARD ELECTRIC VEHICLE BATTERY CHARGER USING PV ARRAY vide sanction order No. AERI/R&D/SEED/09/2020-2021 dated 22.02.2021, Rs 61,500/- has been utilised for the purpose for which it was sanctioned and that the balance of Rs. NIL remaining unutilised at the end of the project. Certified that we have satisfied ourselves that the conditions on which the grants-in-aid was sanctioned have been fulfilled.

  
[M. SUKANYA]

Name & Signature of PI(s)

Date: 25.05.2022



Name & Signature of Finance Officer with Seal

Date: 25/05/2022



Name & Signature of Principal with Seal

Date: 25/05/2022

**Principal**  
Adhiyamaan College of Engineering (Autonomous)  
Dr. M.G.R. Nagar, HOSUR - 635 109