



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:9949876662


List of the Faculty who have been Awarded Seed Money for A.Y. 2021-22

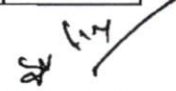
S. No	Name of the Faculty	Project Title	Amount (INR in Lakhs)	Duration of the project
1	Dr. K V S R Murthy	Hand gesture and mobile app-based wheelchair	0.15	4 Months
2	Dr. V Srinivasa Rao	IoT based battery monitoring system of charging station (EV)	0.14	4 Months
3	Mr. J Pavan	Industry Power Consumption and penalty minimization using APFC unit	0.25	4 Months
4	Dr. K. Bapayya Naidu	Smart Solar e -warning sign boards via on cloud-based control for social distancing alert	0.28	4 Months
5	Mrs.B.V.V.L. K. Bharathi	Design and performance analysis of autonomous indoor solar energy harvesting system	0.28	4 Months
6	Mr.Ch. Amarendra	Real time face mask detection with raspberry pi to prevent covid 19 spreading	0.36	4 Months
7	Mr. K. Rambabu	Transmission line multiple fault detection and indication to the electricity board	0.22	4 Months
8	Mr. I.V. Veeranjanyulu	Transformer health monitoring system using IoT	0.26	4 Months
9	Mr. B.S.S.G. Pardhu	Battery Condition Prognostic system using IoT in Smart Micro Grids	0.34	4 Months
10	Mr. P.S.D. Bhima Raju	Calculation of switching angles for the elevation of low order harmonics in multi-level inverter (5 level) teaching learned based optimization	0.19	4 Months
11	Mr. N Rajesh	Automatic waste Segregation system for industries for metal, plastic, and wet substances	0.245	4 Months
12	Mr. CH. B. A. Raju	IoT based Real Time Vehicle Tracker Using GPRS Technology	0.19	4 Months
13	Dr. Soham Dutta	IoT based smart energy meter for efficient energy utilization in smart grid	0.28	4 Months
14	Dr. M Aswini Kumar	Nine phase Z Source Inverter	0.22	4 Months
15	Dr. Sajjan Kumar	IoT based smart energy grid	0.28	4 Months
16	Mr. Ch. Govinda	Wi-Fi based advanced industrial automation	0.33	4 Months

S. No	Name of the Faculty	Project Title	Amount (INR in Lakhs)	Duration of the project
17	Mr. B Veera Narayana	Complicated power theft detector using IoT	0.27	4 Months
18	Mr. K. Lakshmi Kishore	Micro structural and mechanical characterization of Aluminum alloy Nano composites for structural application	0.1	4 Months
19	Mr. S D V V S Bhimesh Reddy	Fabrication of antitheft wheel locking and detection system for vehicle by using IoT	0.1	4 Months
20	Mrs. V Pragna	Fabrication and control of line follower automated guided vehicle with obstacle avoidance	0.15	4 Months
21	Mr. D Ravi Teja	Fabrication and experimental investigation on the mechanical and surface characterization of hybrid composites integrated with epoxy	0.15	4 Months
22	Mr. K Rajendra	Fabrication and control of line follower automated guided vehicle with obstacle avoidance	0.12	4 Months
23	Mrs. M Anusha	Effect of serum oxide nanoparticle in dual fuel (RCCI) mode operated with low viscous and high viscous fuels	0.15	4 Months
24	Dr. N Radha	Water level monitoring and management of dam using IOT	0.1	4 Months
25	Dr. N R Dhinesh babu	Fabrication of flexible UWB antenna for IOT applications	0.12	4 Months
26	Dr. M Hari Kishore	Designing the antenna for biomedical applications	0.1	4 Months
27	Dr. Babu L P Meena Ketan	Fabrication of micro strip pitch antenna for cubesat application	0.13	4 Months
28	Mr. M Neeladri	Designing of communication support for Deaf-Mute people using Arduino and IOT	0.1	4 Months
29	Mr. N Venkatesh	Designing of any time medicine vending machine	0.1	4 Months

S. No	Name of the Faculty	Project Title	Amount (INR in Lakhs)	Duration of the project
30	Mr. G Ajay Sankar	Smart farming using augmented reality	0.1	4 Months
31	Dr. Yashu Swami	Monitoring and controlling the AQI through the Hexacopter drone spraying system	0.4	4 Months
32	Dr. Sabat Santoshkumar	Designing of IOT enabled system for tracking and management of student bus	0.1	4 Months
33	Dr. Jagatpati Raiguru	Detection of water pollution using IOT	0.1	4 Months
34	Mr. S.V.V.D. Jagadeesh	Fabrication of device for "smart detection of helmet using IOT and image processing"	0.3	4 Months
35	Mr. A.K. Chakravathy	Fabrication of device for "smart home automation"	0.495	4 Months
36	Mr. K Arun Bhaskar	Fabrication of device for "Autonomous weed detection rover using image processing"	0.278	4 Months
37	Er. B. Krishna Kanth	Design and development of manually wheel operated swinging lance sprayer	0.265	4 Months
38	Er. J. Pavani	Development and performance evaluation of manual/ motorized ground nut decorator	0.2	4 Months
39	Dr. K. Bapayya Naidu	Fabrication of device for smart water system at house using Arduino and python desktop application to reduce water wastage and energy loss	0.28	4 Months
40	Mrs.B.V.V.L. K. Bharathi	Design and performance analysis of autonomous indoor solar energy harvesting energy system	0.28	4 Months

S. No	Name of the Faculty	Project Title	Amount (INR in Lakhs)	Duration of the project
41	Mr.Ch. Amarendra	Fabrication of device for Real time face mask detection with raspberry pi to prevent covid 19 spreading	0.36	4 Months
42	Mr. K. Rambabu	Fabrication of device for intelligent electrical load shedding in heavily loaded industrial establishment	0.22	4 Months
43	Mr. I.V. Veeranjanyulu	Fabrication of device for IOT based hybrid renewable energy harvesting system from water flow	0.26	4 Months
44	Mr. B.S.S.G. Pardhu	Fabrication of device for Design of a DC-DC boost converter of hybrid energy harvester for IOT devices	0.34	4 Months
45	Mr. P.S.D. Bhima Raju	Fabrication of device for implementation of cost-effective smart home controller with Node MCU and IOT	0.19	4 Months
46	Mr. N Rajesh	Fabrication of device for Load analysis and energy management for residential system using smart meter	0.245	4 Months
47	Mr. CH. B. A. Raju	IOT based ICU patient monitoring system using heartbeat, SPO2, temp and panic bottom for hospitals	0.19	4 Months
48	Dr. Soham Dutta	IOT based smart energy meter for efficient energy utilization in smart grid	0.28	4 Months
49	Dr. M Aswini Kumar	Solar based automatic street light system with vehicle movement tracking	0.22	4 Months
50	Dr. Sajjan Kumar	IOT based smart energy meter surveillance	0.28	4 Months
51	Mr. Ch. Govinda	IOT based Solar energy powered smart irrigation system	0.33	4 Months
52	Mr. B Veera Narayana	Intelligent energy meter monitoring with integrated home automation using Internet of things	0.27	4 Months
Total Amount			11.68	


Convenor
 (Research Advisory Committee)


Principal

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99498 766

Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/01

10-02-2022

To
Dr. K V S R Murthy,
Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Hand gesture and mobile app based wheel chair - Reg.

Based on the recommendations of the research committee, your project entitled "Hand gesture and mobile app based wheel chair" is sanctioned with an amount of Rs. 15,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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SURAMPALEM - 533 437

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99498 766

Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/02

10-02-2022

To
Dr. V Srinivasa Rao,
Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IOT based battery monitoring system of charging station (EV)- Reg.

Based on the recommendations of the research committee, your project entitled "IOT based battery monitoring system of charging station (EV)" is sanctioned with an amount of Rs. 14,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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SURAMPALEM - 533 437



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99498 76662

Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/03

10-02-2022

To
Mr. J. Pavan
Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Industry Power Consumption and penalty minimization using APFC unit - Reg.

Based on the recommendations of the research committee, your project entitled "Industry Power Consumption and penalty minimization using APFC unit" is sanctioned with an amount of Rs. 25,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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99498 7666

Email: office@aec.edu.t

Website: www.aec.edu.t

File No: AEC/Seed Money/2021-22/04

10-02-2022

To
Dr. K. Bapayya Naidu,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Smart solar cell e-warning sign boards via on cloud based control for social distancing alert - Reg.

Based on the recommendations of the research committee, your project entitled "Smart solar cell e-warning sign boards via on cloud based control for social distancing alert" is sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/05

10-02-2022

To

Mrs. B.V.V.L.K. Bharathi,

Assoc. Professor,

Department of Electrical & Electronics Engineering,

Aditya Engineering College (A)

Madam,

Sub: Sanction letter of Seed money for fabrication of device for Design and performance analysis of Autonomous indoor solar energy harvesting system- Reg.

Based on the recommendations of the research committee, your project entitled "**Design and performance analysis of Autonomous indoor solar energy harvesting system**" is sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/06

10-02-2022

To
Mr.Ch. Amarendra,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Real time Face-Mask Detection With Raspberry Pi To Prevent COVID 19 Spreading - Reg.

Based on the recommendations of the research committee, your project entitled "Real time face mask detection with raspberry pi to prevent covid 19 spreading" is sanctioned with an amount of Rs. 36,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/07

10-02-2022


To
Mr. K. Rambabu,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Transmission line multiple fault detection and indication to the electricity board- Reg.

Based on the recommendations of the research committee, your project entitled "**Transmission line multiple fault detection and indication to the electricity board**" is sanctioned with an amount of Rs. 22,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.


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File No: AEC/Seed Money/2021-22/08

10-02-2022

To
Mr. I.V. Veeranjanyulu,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Transformer health monitoring system using IOT- Reg.

Based on the recommendations of the research committee, your project entitled "Transformer health monitoring system using IOT" is sanctioned with an amount of Rs. 26,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

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File No: AEC/Seed Money/2021-22/09

10-02-2022

To
Mr. B.S.S.G. Pardhu,
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Battery Condition Prognostic system using IoT in Smart Microgrids - Reg.

Based on the recommendations of the research committee, your project entitled "**Battery Condition Prognostic system using IoT in Smart Microgrids**" is sanctioned with an amount of Rs. 34,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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File No: AEC/Seed Money/2021-22/10

10-02-2022

To
Mr. P.S.D. Bhimaraju,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Calculation of switching angles for the elevation of low order harmonics in multi level inverter(5 level) using teaching learned based optimization. - Reg.

Based on the recommendations of the research committee, your project entitled "Calculation of switching angles for the elevation of low order harmonics in multi level inverter(5 level) using teaching learned based optimization" is sanctioned with an amount of Rs. 19,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/11

10-02-2022

To
Mr. N Rajesh,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Automatic Waste segregation system for industries for metal , plastic and wet substances-Reg.

Based on the recommendations of the research committee, your project entitled "Automatic Waste segregation system for industries for metal , plastic and wet substances" is sanctioned with an amount of Rs. 24,500.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/12

10-02-2022

To
Mr. Ch.B.A. Raju
Assoc. Professor
Department of Electrical & Electronics Engineering
Aditya Engineering College (A).

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IOT Based Real-time Vehicle Tracker Using GPRS Technology.- Reg.

Based on the recommendations of the research committee, your project entitled "IOT Based Real-time Vehicle Tracker Using GPRS Technology." is sanctioned with an amount of Rs. 19,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/13

10-02-2022

To
Dr. Soham Dutta
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IoT based smart energy meter for efficient energy utilization in smart grid - Reg.

Based on the recommendations of the research committee, your project entitled " IoT based smart energy meter for efficient energy utilization in smart grid " is sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/14

10-02-2022

To
Dr. M Aswini Kumar,
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Nine phase z source inverter- Reg.

Based on the recommendations of the research committee, your project entitled "Nine phase z source inverter" is sanctioned with an amount of Rs. 22,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/15

10-02-2022

To
Dr. Sajjan Kumar,
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IOT based smart energy grid- Reg.

Based on the recommendations of the research committee, your project entitled "IOT based smart energy grid" is sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



A handwritten signature in black ink, appearing to be "S. S. S.", written over the printed name of the Principal.

PRINCIPAL

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A handwritten signature in green ink, appearing to be "S. S. S.", written over the printed name of the Principal.

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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/16

10-02-2022

To
Mr.Ch.Govind
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Wifi based advanced industrial automation- Reg.

Based on the recommendations of the research committee, your project entitled "**Wifi based advanced industrial automation**" is sanctioned with an amount of Rs. 33,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



S. V. S. S.

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S. V. S. S.

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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/17

10-02-2022

To
Mr. B Veera Narayana
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Complicated power theft detector using IOT- Reg.

Based on the recommendations of the research committee, your project entitled "Complicated power theft detector using IOT" is sanctioned with an amount of Rs. 27,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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[Signature]
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99498 7666

Email: office@aec.edu.

Website: www.aec.edu.

File No: AEC/Seed Money/2021-22/18

Dt: 10-02-2022

To

Mr. K Lakshmi Kishore,

Associate Professor,

Department of Mechanical Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for Micro structural and mechanical characterization of Aluminium alloy nano composites for structural application - Reg.

Based on the recommendations of the research committee, your project entitled "Micro structural and mechanical characterization of Aluminium alloy nano composites for structural application" is sanctioned with an amount of Rs.10, 000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



S. Kishore
PRINCIPAL
PRINCIPAL

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S. Kishore
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Email: office@aec.edu.

Website: www.aec.edu.

File No: AEC/Seed Money/2021-22/19

Dt: 10-02-2022

To

Mr. DVVS B Reddy Saragada

Associate Professor,

Department of Mechanical Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of Anti theft wheel locking and detection system for vehicle by using IOT - Reg.

Based on the recommendations of the research committee, your project entitled "Implementation of IOT to Create a Vehicle Anti-Theft Wheel Locking and Detection System" is sanctioned with an amount of Rs.10, 000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.

Website: www.aec.edu.

File No: AEC/Seed Money/2021-22/20

Dt: 10-02-2022

To

Mrs. V. Pragna,

Associate Professor,

Department of Mechanical Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for Fabrication and control of line follower automated guided vehicle with obstacle avoidance- Reg.

Based on the recommendations of the research committee, your project entitled "Fabrication and control of line follower automated guided vehicle with obstacle avoidance" is sanctioned with an amount of Rs.15, 000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.i

Website: www.aec.edu.i

File No: AEC/Seed Money/2021-22/21

Dt:10-02-2022

To

Mr. D. Raviteja,

Assistant Professor,

Department of Mechanical Engineering,

Aditya Engineering College (A)

Sir,

Sub- Sanction letter of Seed money for "Fabrication and Experimental Investigation on the Mechanical & Surface Characterization of Hybrid Composites Integrated with Epoxy"- Reg.

Based on the recommendations of the research committee, your project entitled "Fabrication and Experimental Investigation on the Mechanical & Surface Characterization of Hybrid Composites Integrated with Epoxy" is sanctioned with an amount of Rs.15,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.

Website: www.aec.edu.

File No: AEC/Seed Money/2021-22/22

Date: 10-02-2022

To

Mr. K.Rajendra,

Assistant Professor,

Department of Mechanical Engineering,

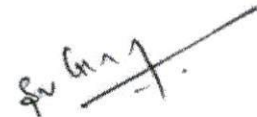
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for Fabrication and control of line follower automated guided vehicle with obstacle avoidance- Reg.

Based on the recommendations of the research committee, your project entitled "Fabrication and control of line follower automated guided vehicle with obstacle avoidance" is sanctioned with an amount of Rs.12, 000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/23

Dt:10-02-2022

To

Mrs. M. Anusha,

Assistant Professor,

Department of Mechanical Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for Effect of serum oxide nanoparticle in dual fuel (RCCI) mode operated with low viscous and high viscous fuels - Reg.

Based on the recommendations of the research committee, your project entitled "Effect of serum oxide nanoparticle in dual fuel (RCCI) mode operated with low viscous and high viscous fuels" is sanctioned with an amount of Rs.15,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.

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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/24

Dt: 10-02-2022

To

Dr. N. Radha,

Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A),

Surampalem.

Sir,

Sub: Sanction letter of Seed money for Water level monitoring and management of Dam using IoT - Reg.

Based on the recommendations of the research committee project entitled "Water level monitoring and management of Dam using IoT" is sanctioned with an amount of Rs. 10,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.


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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/25

Dt: 10-02-2022

To

Dr. N. R. Dhineshababu,

Asst. Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A),

Surampalem.

Sir,

Sub: Sanction letter of Seed money for fabrication of Flexible UWB Antenna for IOT Applications- Reg.

Based on the recommendations of the research committee project entitled "A CPW FED Flexible UWB Antenna for IOT Applications" is sanctioned with an amount of Rs. 12,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/26

Date: 10-02-2022

To

Dr. M. Hari Kishore,

Associate. Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for designing the Antenna for Biomedical Application

– Reg.

Based on the recommendations of the research committee project entitled "Flower Shaped Antenna for Biomedical Application and Wireless Communication" is sanctioned with an amount of Rs. 10,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/27

Date: 10-02-2022

To

Dr. Babu L P Meena Ketan,

Assistant. Professor,

Department of Electronics and Communication Engineering,

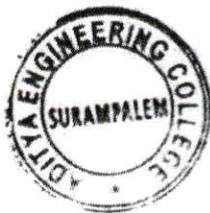
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of Microstrip Patch antenna for Cubesat application – Reg.

Based on the recommendations of the research committee project entitled "Design and Analysis of Dual Band Microstrip Patch Antenna for Cubesat Applications" is sanctioned with an amount of Rs. 13,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/28

Dt: 10-02-2022

To

Mr. M. Neeladri,

Associate. Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A),

Surampalem.

Sir,

Sub: Sanction letter of Seed money for designing of Communication support for Deaf-Mute people using Arduino and IoT – Reg.

Based on the recommendations of the research committee project entitled "Communication support for Deaf-Mute people using Arduino and IoT" is sanctioned with an amount of Rs. 10,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.


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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/29

Dt: 10-02-2022

To

Mr.N. Venkatesh,

Asst. Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A),

Surampalem.

Sir,

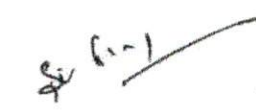
Sub: Sanction letter of Seed money for designing of any time medicine vending Machine- Reg.

Based on the recommendations of the research committee project entitled "Any time medicine vending Machine" is sanctioned with an amount of Rs. 10,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/30

Dt: 10-02-2022

To

Mr.G. Ajay Sankar,

Asst. Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A),

Surampalem.

Sir,

**Sub: Sanction letter of Seed money for Smart farming using Augmented Reality –
Reg.**

Based on the recommendations of the research committee project entitled "Smart farming using Augmented Reality" is sanctioned with an amount of Rs. 10,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.

Signature

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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/31

Date: 10-02-2022

To

Dr. Yashu Swami,

Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A)

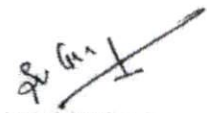
Sir,

Sub: Sanction letter of Seed money for Monitoring and Controlling the AQI through the Hexacopter Drone Spraying System - Reg.

Based on the recommendations of the research committee, your project entitled "Monitoring and Controlling the AQI through the Hexacopter Drone Spraying System" is sanctioned with an amount of Rs. 40,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/32

Date: 10-02-2022

To

Dr. Sabat Santoshkumar,

Assistant Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A)

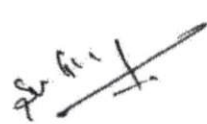
Sir,

Sub: Sanction letter of Seed money for designing the IoT enabled system for tracking and management of student bus – Reg.

Based on the recommendations of the research committee project entitled "IoT enabled tracking and management of student bus" is sanctioned with an amount of Rs. 10,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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Email: office@aec.edu.in

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File No: AEC/Seed Money/2021-22/33

Date: 10-02-2022

To

Dr. Jagatpati Raiguru,

Assistant. Professor,

Department of Electronics and Communication Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for the Detection of water pollution using IoT – Reg.

Based on the recommendations of the research committee project entitled "Detection of water pollution using IoT" is sanctioned with an amount of Rs. 10,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/34

Dt:10-02-2022

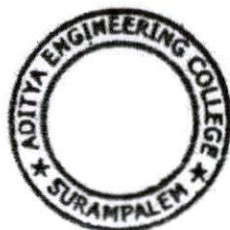
To
Mr.S.V.V.D. Jagadeesh,
Assistant Professor,
Department of Information Technology,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of seed money for fabrication of device for "Smart Detection of Helmet using IOT and Image Processing"-Reg.

Based on the recommendations of research committee, your project entitled "Smart Detection of Helmet using IOT and Image Processing" is sanctioned with an amount of Rs. 30,000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/35

Dt: 10-02-2022

To

Mr.A.K.Chakravathy,
Assistant Professor,
Department of Information Technology,
Aditya Engineering College (A).

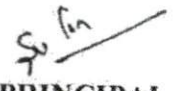
Sir,

Sub: Sanction letter of seed money for fabrication of device for "Smart Home Automation"- Reg

Based on the recommendations of research committee, your project entitled "Smart Home Automation" is sanctioned with an amount of Rs 49,500/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/36

Dt: 10-02-2022

To
Mr.K.Arun Bhaskar,
Associate Professor,
Department of Information Technology,
Aditya Engineering College (A).

Sir,

Sub: Sanction letter of seed money for fabrication of device for "Autonomous Weed Detection Rover Using Image Processing"-Reg.

Based on the recommendations of research committee, your project entitled "Autonomous Weed Detection Rover using Image Processing" is sanctioned with an amount of Rs. 27,800/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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99498 76662

Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/37

Date: 10-02-2022

To

Mr. B. Krishna Kanth,

Assistant Professor,

Department of Agricultural Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for Design and Development of Manually Wheel Operated Swinging Lance Sprayer – Reg.

Based on the recommendations of the research committee, your project entitled “Design and Development of Manually Wheel Operated Swinging Lance Sprayer” is sanctioned with an amount of Rs. 26500/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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99498 76662, 99897 7666

Email: office@aec.edu.

Website: www.aec.edu.

File No: AEC/Seed Money/2021-22/38

Date: 10-02-2022

To

Ms. J. Pavani,

Assistant Professor,

Department of Agricultural Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for Development and performance evaluation of manual/motorized groundnut decorticator – Reg.

Based on the recommendations of the research committee, your project entitled "Development and performance evaluation of manual/motorized groundnut decorticator" is sanctioned with an amount of Rs. 20000/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



[Signature]

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Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/39

10-02-2022

To
Dr. K. Bapayya Naidu,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A).

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Smart Water System at House Using Arduino and Python Desktop Application to Reduce Water Wastage and Energy Loss - Reg.

Based on the recommendations of the research committee, your project entitled "Smart Water System at House Using Arduino and Python Desktop Application to Reduce Water Wastage and Energy Loss" is sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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99498 766

Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/40

10-02-2022

To
Mrs. B.V.V.L.K. Bharathi,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Madam,

Sub: Sanction letter of Seed money for fabrication of device for Design and performance evaluation of a self-contained solar energy system - Reg.

Based on the recommendations of the research committee, your project entitled
"Design and performance evaluation of a self-contained solar energy system " is
sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the
funds, completion of project and submission of compliance within 4 months.



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Email: office@aec.edu

Website: www.aec.edu

File No: AEC/Seed Money/2021-22/41

10-02-2022

To

Mr.Ch. Amarendra,
Assoc.. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Real time Face-Mask Detection with Raspberry Pi to Prevent COVID 19 Spreading - Reg.

Based on the recommendations of the research committee, your project entitled "Real time Face-Mask Detection with Raspberry Pi to Prevent COVID 19 Spreading" is sanctioned with an amount of Rs. 36,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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99498 76662

Email: office@aec.edu.in

Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/42

10-02-2022

To

Mr. K. Rambabu,

Assoc. Professor,

Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Intelligent Electrical Load shedding in Heavily Loaded Industrial Establishment - Reg.

Based on the recommendations of the research committee, your project entitled "Intelligent Electrical Load shedding in Heavily Loaded Industrial Establishment" is sanctioned with an amount of Rs. 22,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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99498 76662

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Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/43

10-02-2022

To

Mr. I.V. Veeranjanyulu,

Assoc. Professor,

Department of Electrical & Electronics Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Iot based hybrid renewable energy harvesting system from water flow - Reg.

Based on the recommendations of the research committee, your project entitled " Iot based hybrid renewable energy harvesting system from water flow" is sanctioned with an amount of Rs. 26,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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File No: AEC/Seed Money/2021-22/44

10-02-2022

To

Mr. B.S.S.G. Pardhu,

Assoc. Professor,

Department of Electrical & Electronics Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Design of a DC-DC Boost Converter of Hybrid Energy Harvester for IoT Devices - Reg.

Based on the recommendations of the research committee, your project entitled "Design of a DC-DC Boost Converter of Hybrid Energy Harvester for IoT Devices" is sanctioned with an amount of Rs. 34,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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Website: www.aec.edu.in

File No: AEC/Seed Money/2021-22/45

10-02-2022

To
Mr. P.S.D. Bhimaraju,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)


Sir,

Sub: Sanction letter of Seed money for fabrication of device for Implementation of Cost effective Smart Home Controller with Node MCU and IoT. - Reg.

Based on the recommendations of the research committee, your project entitled "Implementation of Cost effective Smart Home Controller with Node MCU and IoT" is sanctioned with an amount of Rs. 19,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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Website: www.aec.edu.

File No: AEC/Seed Money/2021-22/46

10-02-2022

To
Mr. N Rajesh,
Assoc. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)


Sir,

Sub: Sanction letter of Seed money for fabrication of device for load analysis and energy management for residential system using smart meter - Reg.

Based on the recommendations of the research committee, your project entitled "Load analysis and energy management for residential system using smart meter" is sanctioned with an amount of Rs. 24,500/-.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.




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File No: AEC/Seed Money/2021-22/47

10-02-2022

To

Mr. Ch.B.A. Raju

Assoc. Professor

Department of Electrical & Electronics Engineering

Aditya Engineering College (A).

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IOT based ICU patient monitoring system using heart beat, SPO2, temp and panic bottom for hospitals - Reg.

Based on the recommendations of the research committee, your project entitled "IOT based ICU patient monitoring system using heart beat, SPO2, temp and panic bottom for hospitals " is sanctioned with an amount of Rs. 19,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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File No: AEC/Seed Money/2021-22/48

10-02-2022

To
Dr. Soham Dutta
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IoT based smart energy meter for efficient energy utilization in smart grid - Reg.

Based on the recommendations of the research committee, your project entitled "IoT based smart energy meter for efficient energy utilization in smart grid" is sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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File No: AEC/Seed Money/2021-22/49

10-02-2022

To

Dr. M Aswini Kumar,

Asst. Professor,

Department of Electrical & Electronics Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for Solar based automatic street light system with vehicle movement tracking - Reg.

Based on the recommendations of the research committee, your project entitled "Solar based automatic street light system with vehicle movement tracking" is sanctioned with an amount of Rs. 22,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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File No: AEC/Seed Money/2021-22/50

10-02-2022

To
Dr. Sajjan Kumar,
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IoT based smart energy meter surveillance - Reg.

Based on the recommendations of the research committee, your project entitled "IoT based smart energy meter surveillance" is sanctioned with an amount of Rs. 28,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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File No: AEC/Seed Money/2021-22/51

10-02-2022

To

Mr. Ch.Govind

Asst. Professor,

Department of Electrical & Electronics Engineering,

Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money for fabrication of device for IoT based solar energy powered smart irrigation system - Reg.

Based on the recommendations of the research committee, your project entitled " **IoT based solar energy powered smart irrigation system** " is sanctioned with an amount of Rs. 33,000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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File No: AEC/Seed Money/2021-22/52

10-02-2022

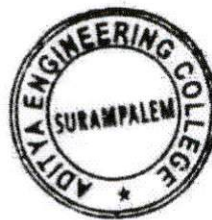
To
Mr. B. Veerananarayana
Asst. Professor,
Department of Electrical & Electronics Engineering,
Aditya Engineering College (A)

Sir,

Sub: Sanction letter of Seed money of Seed money for fabrication of device for Home Automation using IoT - Reg.

Based on the recommendations of the research committee, your project entitled "Intelligent Energy Meter Monitoring with Integrated Home Automation using Internet of Things" is sanctioned with an amount of Rs. 27000.

In this regard, you are directed to take the sole responsibility of proper utilization of the funds, completion of project and submission of compliance within 4 months.



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