



# VIMAL JYOTHI ENGINEERING COLLEGE

JYOTHI NAGAR, CHEMPERI – 670632, KANNUR, KERALA

Affiliated to APJ Abdul Kalam Technological University, Approved by AICTE  
ISO 9001 : 2015 Certified | Accredited by Institution of Engineers (India), NBA, NAAC  
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NAAC Cycle 2

Criterion: 3.1.1

## 2021-2022

Name of the Project/ Endowments, Chairs	Sanctioned Amount (INR)	Awarding Agency Type (Government/non-Government)
Remote Mine Carrier	25,000	Government
Real time vital analyzation system and gesture navigation for disabled people	5000	Non- Gov
Machine learning based waste segregation system for mixed waste	5000	Non- Gov
direction for fuel adultaration in automobiles	2500	Non- Gov
Blind assistance using artificial intelligence	2500	Non- Gov
An IoT based smart helmet for miners	2500	Non- Gov
Analysing system for bowling in cricket	2500	Non- Gov
Dry hand sanitizer and health check up machine	10,000	Non- Gov
Smart dustbin using IoT	10,000	Non- Gov
Flood landslide prediction using cloud computing	10000	Non- Gov
Home energy management systems	10000	Non- Gov
Development of fertile egg detection and incubation system using image processing and automatic handling	10000	Non- Gov
Fall detection and early diagnosis system	10000	Non- Gov



# 1\_Remote Mine Carrier



मेजर अंबरीष टी वी  
उप कमान अधिकारी  
**Maj Ambareesh TV**  
Second in Command  
Tele Army : 440191-6153 (O)

419 असाल्ट इंजीनियर स्क्वाड्रन  
पिन - 914419  
द्वारा 56 ए पी ओ  
419 Assault Engineer Squadron  
Pin - 914419  
C/o 56 APO

26272/ DO/ 21 IA

06 Apr 2022



UNIT APPRECIATION - 2019-20

Dr. Sridharan P  
Prof & Project Guide  
Vimal Jyothi Engg College

## Appreciation: Remote Mine Carrier

Dear Prof,

1. This is to appraise you that the efforts by undermentioned students of your college in design and fabrication of "Remote Mine Carrier" are impressive and commendable:

- Narayana Prasad VE : S8 Mechanical
- Harishankar MV : S8 Mechanical
- Alan Sebastian : S8 Mechanical
- Rithun Hari P : S8 Mechanical

2. The group was eager and motivated throughout the process and have been very professional in their approach and behaviour. The students could quickly grasp the concept and were very prompt in reverting back with periodic feedbacks and queries.

3. The final outcome have turned out to be as expected. The equipment is currently under trial at unit level and shall be showcased to various dignitaries and inspection teams in days to come. The innovation/ modification by the team for M 18 Claymore service mine have received ample appreciation from the environment.

4. I would like to congratulate the team for their outstanding efforts and the college and its faculty for their tutelage and grooming.

*I would like to take this opportunity to urge you to motivate more such students to work on projects which can aid our Armed Forces...*

*Warm Regards...*

*[Signature]*



ANTI MINE  
THE UNIQUE





A

AMBAREESH TV  
9995908430@upi



5:57 PM

₹ 100

Testing

✔ You were paid • 5:57 PM →

₹ 24,900

NO REMARKS

✔ You were paid • 6:01 PM →

Pay

Request



# VJEC-IRPS NOTICE

VJ/156/A

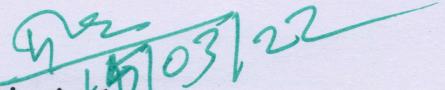
14.03.2022

## NOTICE

### **Sub: Research and Project Grants for Students**

The Innovative Research Promotion scheme (IRPS) envisages providing financial assistants to students of Vimal Jyothi Engineering College for their innovative final year project.

Project proposal are invited from the final year B. Tech students for financial assistance in the attached format. Proposal shall be submitted to the respective HODs on or before 25.03.2022.


  
Principal 15/03/22

Encl : Project proposal form

### **Distribution:**

1. The Manager
2. The Bursar
3. The Asst. Manager
4. All HOD's
5. All Noticeboards

For kind information

  
15/3/22 -



# VJEC-IRPS SELECTED PROJECTS

## Innovative Research Promotion Scheme (IRPS) – 2022 – List of selected projects

### Mechanical Engineering Department

1. Automatic Waste sorting machine for parks - Shahin Gafoor, Nivedh P, Melvin K Jiji, Srerag M - Guided by Dr. Sreekanth MP - INR 10, 000
2. Synthesis and characterization of Bamboo leaf ash reinforced aluminium composites - Aju Thomas, Arjun Babu, Dhayan S Nambiar, Faisal P - Guided by Dr. Sivaprasd PV - INR 10000/-

### Computer Science and Engineering Department

1. Real-Time Vital Analyzation System and Gesture Navigation for Disabled People - Abhijith B.Lal, Anusree Chithrabhanu, Immanuel Monson, Sanitha K P - Guided by Ms. Divya K- INR 5, 000.
2. Machine Learning based waste segregation system from mixed waste - C M Nived Raj, Jinto Jose, Thejas Sujith, Vignesh P V - Guided by Ms. Vidhya S S- INR 5, 000.
3. Direction of fuel adulteration in automobiles - Aryananda P, Namrutha Raj, Unnimaya P, Meriam Philip - Guided by Mr. Abdul Latheef M- INR 2, 500.
4. Blind assistance using artificial intelligence - Anamika Prasanth, Nihal Manoj, Rana Fathima, R Gayathri - Guided by Ms. Divya B- INR 2, 500.
5. An IoT based smart helmet for miners - Abin Babu, Ashique Prem, Deekshith C, Sonu Paul - Guided by Ms. Namitha P - INR 2, 500.
6. Analyzing system for bowling in cricket - Anagha K, Krishna Priya, Karthik E K, Sreelakshmi P V - Guided by Ms. Derroll David - INR 2, 500.

### Electronics and Communication Engineering Department

1. Dry hand sanitizer and health check-up machine - Abin Mathew, Jeevan Nobins, Sreeroop, Sebin Thomas - Guided by Mr. BinilKumar - INR 10000/-
2. Smart Dustbin using IoT - Yethul Sidarth, Anjali Mathew, Nufaila, Anusree - Guided by Ms. Shimna PK - INR - 10000/-

### Electrical and Electronics Engineering Department

1. Flood landslide prediction using cloud computing - Amal lukose, Sharan Rathnakumar, Nandakishore KP, Albin Baby - Guided by Ms. Tintu George T- INR 10000/-
2. Home energy management system - Athul Das, Jithin Raj, Muhammed Jazeel, Rahul Das VV - Guided by Mr. Jijo Joseph - INR 10000/-

### Electronics and Instrumentation Engineering Department

1. Development of fertile egg detection and incubation system using image processing and automatic candling - Aswin chand, Binishith Babu, Jiss George, Sebastian Jacob - Guided by Mr. Shinu MM - INR 10000/-
2. Fall detection and early diagnosis system - Sneha Jose, Sanjay P P, Athul TP - Guided by Dr. Glan Devadhas - INR 10000/-

### Civil Engineering Department

NIL

HoDs

1. CE
2. ME
3. CS
4. EC
5. EE
6. EI

Principal

Manager

To  
Fr. Binil  
12/11/22

11/11/22  
11/11/22  
11/11/22  
11/11/22  
11/11/22  
11/11/22

Babu  
12/04/22  
Bureau

12/11/22



## IRPS FUND TRASFERED DETAILS

10-Jun-22	To	<b>Syndicate Bank CA-305/16</b>	<b>Payment</b>	514	<b>10000</b>
		<i>479419 Issued to Sebin Thomas to pay award for best project vr, No.575/06</i>			
10-Jun-22	To	<b>Syndicate Bank CA-305/16</b>	<b>Payment</b>	515	<b>10000</b>
		<i>479417 Issued to Sebastian jacob to pay award rfor best project Vr. No.576/06</i>			
10-Jun-22	To	<b>Syndicate Bank CA-305/16</b>	<b>Payment</b>	516	<b>10000</b>
		<i>479418 Issued to Yethul Sidharth to pay award for best project vr, No.577/06</i>			
04-Jul-22	To	<b>South Indian Bank-00780730000</b>	<b>Payment</b>	744	<b>10000</b>
		<i>160433 Issued to Amal Lukose to pay prize money for best project in EE Dept Vr, No.550/07</i>			
04-Jul-22	To	<b>South Indian Bank-00780730000</b>	<b>Payment</b>	745	<b>5000</b>
		<i>160433 Issued to Immanuel monson to pay prize money for best project in CS Dept vr, No.551/07</i>			
04-Jul-22	To	<b>South Indian Bank-00780730000</b>	<b>Payment</b>	746	<b>10000</b>
		<i>160433 Issued to Rahul Das VV to pay prize money for best project in EE Dept vr, No.552/07</i>			
19-Jul-22	To	<b>South Indian Bank-00780730000</b>	<b>Payment</b>	816	<b>5000</b>
		<i>160446 Issued to Thejus Sujith to pay prize money for best project in CSE Dept vr, No.623/07</i>			
20-Jul-22	To	<b>South Indian Bank-00780730000</b>	<b>Payment</b>	841	<b>10000</b>
		<i>160447 Issued to Sheha Jose to pay prize money for best project vr, No.650/07</i>			
22-Sep-22	To	<b>South Indian Bank-00780730000</b>	<b>Payment</b>	1350	<b>2500</b>
		<i>160537 Issued to Nihal Manoj to pay prize Money for Best project vr, No.693/09</i>			