



Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra
And Affiliated to University of Mumbai

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust:

Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years





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PRINCIPAL
VIVA INSTITUTE OF TECHNOLOGY



Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (In Lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
Design, Analysis and Fabrication of Electric All-Terrain Vehicle	Mansi Lakhani	Mechanical Engg	2019-20	4	1 Year	A1 fence products company PVT. LTD.	Non-Government
Experimental investigation of TIG, MIG, & FS welding for application on high strength material	Niyati Raut	Mechanical Engg	2019-20	0.32	1 Year	University of Mumbai	Government
life saver UAV-Organ transportation drone	Mrs.Karishma Raut	EXTC	2019-20	0.35	1 Year	University of Mumbai	Government



Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
At. Shirgaon, Post Virar, Tal. Vasai, Dist. Palghar - 401 305.
Tel.: 777 000 2544 • Website : www.viva-technology.org
E-mail : contact@viva-technology.org / principalvit@vivacollege.org

Ref. No.:

Ref. No.VIVA/VIT/ 334 /2019-20

Date :

11/10/2019

To,
The HR Department,
AI Fence Products Company Pvt.Ltd.
Mumbai- 401 107.

Subject: Details of Project regarding sponsorship.

Dear Sir/Madam,

Team Aries of VIVA Institute of Technology, is a participant of SAEINDIA's E-Baja 2020 competition to be held in the month of January 2020 at Pithampur, Indore. The team consists of about 30 student members. SAEINDIA's E-Baja is a prestigious **national level competition** started in the year 2014 and the idea was pitched by Dr. APJ Abdul Kalam. The duration of the event is from 22nd January 2020 to 28th January 2020. The event is divided into two phases as: Virtual BAJA and Main Event. Virtual BAJA is a qualifying round for all the teams across the nation. It is held at Chitkara University, Chandigarh. The aim of Virtual BAJA is to present the entire vehicle virtually. Every component is meant to be designed and analysed and presented to an experienced jury, who further judge the vehicle. The team secured 7th rank all over India and is the only team of its kind in the whole of Mumbai region. The main event is due for the month of January 2020. The main event consists of various rounds such as Brake Test, Acceleration Test, Technical inspection, Cost & Sales presentation and Design event, followed by the final Endurance race. The event concludes with an overall score of all of the above events.

The aim is to build a robust Electric All-Terrain Vehicle (ATV) within the given constraints. The project is aimed towards green mobility in reference to the ever-evolving automobile sector. Electric vehicles contribute towards the environment as they do not emit harmful gases and also do not cause noise pollution. The project is a great initiative towards green mobility and is a contribution for better environment.

The Government of India has launched various schemes such as FAME-I and FAME-II to promote the implementation of Electric Vehicles (EV's). Approximately, 35000 electric vehicles(4-wheelers) can be supported through this platform. The current budget scheme and the GST structure promotes electric vehicles by reducing GST on electric vehicles from 12% to 5%.

The project further benefits us since electric mobility is the near future, and this gives us hands-on experience for developing an electric vehicle. May it be our own start up or a career in electric mobility, the knowledge that is obtained from this project is highly beneficial for us.

The overall cost of the project is estimated at ₹ 8,90,000.

Yours faithfully

Principal

Dr. Arun kumar





Late Shri. Vishnu Waman Thakur Charitable Trust's
VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
At. Shirgaon, Post Virar, Tal. Vasai, Dist. Palghar - 401 305.
Tel.: 777 000 2544 • Website : www.viva-technology.org
E-mail : contact@viva-technology.org / principalvit@vivacollege.org

Ref. No.:

VIVA VIT /145/2019-2020

Date : _____
25/10/2019

To,
The HR Department,
A1 Fence Products Company Pvt. Ltd.,
Raju Industrial Estate,
Mira Road,
Dist. Thane,
Mumbai- 401 107.

Subject: Acknowledgement for the sponsorship received.

Dear Sir/Madam,

With reference to letter no. VIVA/VIT/114/2019-20, Team Aries of VIVA Institute of Technology, which is a participant of SAEINDIA's E-BAJA 2020 competition has received the sponsorship amount of Rs. 4,00,000/- (Rupees Four Lakhs Only) on 23/10/2019 from A1 Fence Products Company Pvt. Ltd.

Team Aries is delighted to have A1 Fence Products Company Pvt. Ltd. as their Official Title Sponsor for E-BAJA 2020 national level event.

We are thankful to A1 Fence Products Company Pvt. Ltd. For their massive contribution which will help the team to complete their project successfully.



Yours faithfully,

Principal
Dr. Arun Kumar.

University of Mumbai



Research Project No :1088

NAME OF THE RESEARCHER : Mrs. Niyati N. Raut
LECTURE IN : Mechanical Engineering
AMOUNT SANCTIONED : Rs. 32,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,
VIVA Institute of Technology,
At Shirgoan, At. Shirgaon,
Veer Sawarkar, Post-Virar,
Tal. Vasai, Dist. Thane 401 303.

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 70% of the sanctioned amount will be disbursed within the month of August. The remaining 30% amount will be disbursed up to 31st December, 2021.

The researcher is expected to spend 30% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 100% sanctioned amount on or before 31st December, 2021 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to The Deputy Registrar, Accounts Section, Mahatma Phule Bhavan, Vidyanagari, Kalina Campus, University of Mumbai, Mumbai - 400 098 .

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st December, 2021.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,

Assistant Registrar
(Academic Planning & Development Section)



University of Mumbai



Research Project No : 1123

NAME OF THE RESEARCHER : Karishma Raut
LECTURE IN : Electronics & Telecommunication
AMOUNT SANCTIONED : RS 35000/-
CO-INVESTIGATOR : _____

Ref No. AAMS/CD/106 of 2021
23rd July, 2021

To,

Late Shri. Vishnu Waman Thakur Charitable
Trust, VIVA Institute of Technology, At Shirgoan,
At. Shirgaon, Veer Sawarkar, Post-Virar, Tal.
Vasai, Dist. Palghar-401 303.

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 70% of the sanctioned amount will be disbursed within the month of August. The remaining 30% amount will be disbursed up to 31st December, 2021.

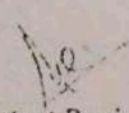
The researcher is expected to spend 30% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 100% sanctioned amount on or before 31st December, 2021 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to The Deputy Registrar, Accounts Section, Mahatma Phule Bhavan, Vidyanagari, Kalina Campus, University of Mumbai, Mumbai - 400 098 .

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st December, 2021.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,


Assistant Registrar
(Academic Planning & Development Section)

Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (In Lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
Smart mirror using raspberry-pi	Piyush Gaikwad	EXTC	2018-19	0.1	1 Year	NM TECHNOCRAFT	Non-Government
LoRA communication-implementation of LoRA-WAN network	Atul Yadav	EXTC	2018-19	0.12	1 Year	NM TECHNOCRAFT	Non-Government
Density based traffic control system using google API	Mrs. Archana Ingle	EXTC	2018-19	0.2	1 Year	University of Mumbai	Government

Date: April 2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Piyush Gaikwad, Mr. Abhishek Sawant, Mr. Kushal Raut** in **Electronics and Telecommunication Engineering** Final year students of **VIVA Institute of Technology** have done project in our company on **“Smart Mirror using Raspberry-Pi”** under the guidance of **Mr. Nayan Mistry, Director Technical, NMTechnocrafts, Chandansar, Virar (E)** towards the fulfillment of “Bachelor of Engineering” course during period of July 2018 to April 2019. Company have funded this project with Rs. 10,000/- (In words Rs. Ten Thousand only).

Regards,

Nayan Mistry
Technical Head,
For **NM Technocrafts,**



Email: nayan@nmtechnocrafts.in

Cell: +91 9819 909692 / +91 7020769824

Date: April 2019

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Atul Yadav, Mr. Suman Mondal, Mr. Shubham Tiwari, Mr. Omkar Patil** in **Electronics and Telecommunication Engineering** Final year students of **VIVA Institute of Technology** have done project in our company on “**LoRA Communication- Implementation of LoRA-WAN Network**” under the guidance of **Mr. Nayan Mistry, Director Technical, NMTechnocrafts, Chandansar, Virar (E)** towards the fulfillment of “Bachelor of Engineering” course during period of July 2018 to April 2019. Company have funded this project with Rs. 12,000/- (In words Rs. Twelve Thousand only).

Regards,

Nayan Mistry
Technical Head,
For **NM Technocrafts,**



Email: nayan@nmtechnocrafts.in

Cell: +91 9819 909692 / +91 7020769824



Research Project No:161

NAME OF THE RESEARCHER : Mrs. Archana Ingle
LECTURE IN : Electronics and Telecommunication
AMOUNT SANCTIONED : Rs.20000 /-

Ref No. APD/237/601of 2019
27th March, 2019

To,
The Principal,
VIVA Institute of Technology
At. Shirgaon, Post. Virar (E), Tal. Vasai,
Dist. Palghar - 401 305

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 40% of the sanctioned amount will be disbursed within the month of March. The remaining 60% amount will be disbursed up to 31st August, 2019.

The researcher is expected to spend 60% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 40% sanctioned amount on or before 31st March, 2019 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to the Accounts Section of University.

Please note that 60% balance amount out of sanctioned grant will be released after presentation of your proposal & final approval of the committee. You need to submit utilization certificate after presentation of your research and final approval of 60% grant including bills/vouchers/receipts in original through University Accounts Section.

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st August 2019.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,

Assistant Registrar
Assistant Registrar

Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (In Lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
Design and Implementation of Industry oriented PLC for water filling	Abhishek Shejwal	EXTC	2017-18	0.1	1 Year	NM TECHNOCRAFT	Non-Government
Delta Bot using smoothie board	Aniket Kumbhar	EXTC	2017-18	0.25	1 Year	NM TECHNOCRAFT	Non-Government
Microcontroller based 3D Scanner using Image processing	Sushant Bhosale	EXTC	2017-18	0.15	1 Year	NM TECHNOCRAFT	Non-Government

Date: April 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Abhishek Shejwal, Mr. Vikram Shevate, Mr. Abhijeet Tambe, Mr. Chetan Uplekar** in **Electronics and Telecommunication Engineering** Final year students of **VIVA Institute of Technology** have done project in our company on **“Design and Implementation of Industry oriented PLC for water filling”** under the guidance of **Mr. Nayan Mistry, Director Technical, NMTechnocrafts, Chandansar, Virar (E)** towards the fulfillment of **“Bachelor of Engineering”** course during period of July 2017 to April 2018. Company have funded this project with Rs. 10,000/- (In words Rs. Ten Thousand only).

Regards,

Nayan Mistry
Technical Head,
For **NM Technocrafts,**



Email: nayan@nmtechnocrafts.in

Cell: +91 9819 909692 / +91 7020769824

Date: April 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Aniket Kumbhar, Mr. Dipesh Jadhav, Mr. Nikhil Patil, Ms. Prachi Bidaye** in **Electronics and Telecommunication Engineering** Final year students of **VIVA Institute of Technology** have done project in our company on “**Delta Bot using smoothie board**” under the guidance of **Mr. Nayan Mistry, Director Technical, NMTechnocrafts, Chandansar, Virar (E)** towards the fulfillment of “Bachelor of Engineering” course during period of July 2017 to April 2018. Company have funded this project with Rs. 25000/- (In words Rs. Twenty Five Thousand only).

Regards,

Nayan Mistry
Technical Head,
For **NM Technocrafts,**



Email: nayan@nmtechnocrafts.in

Cell: +91 9819 909692 / +91 7020769824



Add.: Unit No.: 108, Bldg. No.: 9, HDIL Industrial Estate, Chandansar, Virar (E), 401305.
Web Address: www.nmtechnocrafts.in

Date: April 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Sushant Bhosale, Mr. Prasad Tatkare, Mr. Pravin Pandit, Ms. Pooja Tulaskar** in **Electronics and Telecommunication Engineering** Final year students of **VIVA Institute of Technology** have done project in our company on **“Microcontroller based 3D Scanner using Image processing”** under the guidance of **Mr. Nayan Mistry, Director Technical, NMTechnocrafts, Chandansar, Virar (E)** towards the fulfillment of “Bachelor of Engineering” course during period of July 2017 to April 2018. Company have funded this project with Rs. 15000/- (In words Rs. Fifteen Thousand only).

Regards,

Nayan Mistry
Technical Head,
For **NM Technocrafts,**

A handwritten signature in blue ink, appearing to read 'Nayan Mistry', is written over a horizontal line.

Email.: nayan@nmtechnocrafts.in

Cell: +91 9819 909692 / +91 7020769824