

From  
Sri.D.Nageswara Rao,B.Tech.,MBA.,  
Chief Engineer

Office of the Chief Engineer,  
T.T.Devasthanams, Tirupati.  
Ph No: 0877-2264200  
: 0877-2264660

Roc. TTD-22021(35)/1/2023-CE(AD)-TTD

28/08/2023

To

Dr. Anandan,  
Professor & Head, Dept. of CSE,  
Director- Innovation & Incubation, VISTAS  
P.V.Vaithiyalingam Road,  
Velan Nagar, Pallavaram,  
Chennai -600117  
Tamilnadu

Sir,

Sub: -T.T.D. Engg. Dept., - C.E's office, Tirupati – Permission accorded to do the project work on “Design and Development of Presaged Internet of things (PIoT) for effective prediction of gas leakage monitoring system in TTD Kitchen” for a period of one year in TTD without any stipend and without financial commitment to T.T.D for a period of One year in TTD from September'2023 onwards- Permission granted - Reg.

Ref: - 1) Your letters dt.14.07.2023.

2) Note orders of the Joint Executive Officer, T.T.D, Tirupati, dt.27.08.2023

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With reference to the letter 1<sup>st</sup> cited above, permission is here by accorded to the following staff & students of Vels institute of Science, Technology and Advanced Studies (VISTAS) to work on the project “Design and Development of Presaged Internet of things (PIoT) for effective prediction of gas leakage monitoring system in TTD Kitchen” for a period of one year in TTD without any stipend and without financial commitment to T.T.D from September'2023 onwards and to issue a certificate by the concerned Executive Engineers at the end of completion of the project work.

Sl.No	Name & Designation	Address
1	Dr. Anandan,Professor & Head, Dept. of CSE, Director- Innovation & Incubation, VISTAS	VISTAS, Pallavaram Campus, Chennai- 600117. Tamilnadu state
2	Mrs.G.Prathyusha, Research Scholar, Dept. of CSE	-Do-
3	Mrs.D.Nikitha Rao, Research Scholar, Dept. of CSE	-Do-

The Dy. Chief Engineer (Admn.), Executive Engineer- XII, TTD, Tirupati & Executive Engineer- I, TTD, Tirumala are requested to co-ordinate with the above staff and take necessary action to allow into the TTD Kitchens including Potu to work on the said project.

The Director-Innovation & Incubation, VISTAS is requested to depute the above staff & students to work on the project “Design and Development of Presaged Internet of things (PIoT) for effective prediction of gas leakage monitoring system in TTD Kitchen” for a period of one year without any stipend and without financial commitment to T.T.D from September'2023 onwards.

**// BY ORDER OF THE JOINT EXECUTIVE OFFICER, TTD, TIRUPATI //**

IN THE SERVICE OF LORD VENKATESWARA

**D.NAGESWARA RAO, CE(DNRR), O/o  
CHIEF ENGINEER-SE1-TTD**

Copy to the Dy. Chief Engineer (Admn), TTD, Tirupati.  
Copy to the Executive Engineer- XII, TTD, Tirupati.  
Copy to the Executive Engineer- I, TTD, Tirumala.  
Copy to file.

# ABE SEMICONDUCTOR DESIGNS, CHENNAI



ABE SEMICONDUCTOR DESIGNS  
INNOVATING SMART FUTURE

To whomsoever it may Concern

Date: 10/05/2024

## Letter of Sponsorship

**Ref: TTD Letter Dated 8/04/2024 and In –Person Discussion Held on 08/04/2024**

**Sub: Sponsorship of the IoT project – Reg.**

**Kind Attention: The Chief Engineer/TTD, Dr. R. Anandan, Director-Innovation and Incubation / VELS Institute of Science, Technology and Advanced Studies (VISTAS)**

Sir,

With reference to the discussions, we (ABE and Infyiot) take the privilege to complete the project under the guidance of **Dr.R.Anandan Director-Innovation and Incubation, VELS Institute of Science, Technology and Advanced Studies (VISTAS)**. We would be installing the necessary components integrated with the highly sophisticated AI Enabled Mobile Apps for the monitoring the cooking arena of Sri Padmavathi Ammavari Temple, TTD, Tirupathi. In this regards, ABE Semiconductor Designs (Headquartered @Chennai) will be taking care of the Software development and Infyiot (Headquartered @USA) will supply the necessary components to complete the project. The Company ready to sponsor a INR 15,00,00,00.00 (Fifteen Lakshs) Project work under Corporate Social Responsibility (CSR) Fund for undergoing the project.

We are looking for Long term Collaboration

With the Best regards

Dr.A.Athif Shah

Chairman/ABE Groups of Companies

CC to: CEO / InfyIoT Solutions , Chennai/USA  
Managers/ ABE Semiconductor Designs, Chennai

Level 5, North block, Tamarai Tech Park, S.P. Plot No.16-19 & 20-A, Thiru Vi Ka Industrial Estate,  
Inner Ring Road, Guindy, Chennai – 600032, India. Phone : +91 44 4065 2999  
Web: [www.abegroups.com](http://www.abegroups.com)



## Internal Memo

**Attention**                    **Nadia Binti Ab. Shukor**  
**Sender**                     INTI International University Research Committee  
**Date**                         8 September 2023  
**Subject**                    INTI IU Research Seeding Grant 2023: **INTI-FHLS-01-15-2023**

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**Dear Ms. Nadia Binti Ab. Shukor,**

Our proposed additional allocation for Seed Grant 2023 is recently approved. Thus, we would like to offer you INTI Seed Grant Phase 1/2023 for your application/research proposal submitted earlier titled **“Sequential Extraction of Harmful Heavy Metal from Mangrove Sediment in 3 Locations at West Coast, Malaysia.”**, amounting to RM 32,420, without the teaching load reduction. The co-researchers for the project are:

1. Dr. Kumar Krishnan, FHLS, INTI IU
2. Dr. Ferdaus Mohamat Yusuff, FORENV, UPM
3. Dr. M. Suganthi, VELs University, India
4. Dr. Suganthi Appalasamy, IFSSA, UMK.

This funding is provided for research project up to 18 months, starting 20 September 2023. You are requested to submit a progress report 6 months (**by 20 March 2024**) after the grant approval, and the final report by the 18<sup>th</sup> month (**by 30 March 2025**), summarising the outcomes and accounting for the expenditure of the grant. Please read the Guidelines – Seeding Grant Application for other details.

Any unutilised money will be reverted to INTI IU. All purchases made must be accompanied by proper documentations which include quotations, purchase order, delivery order and invoice/receipt. Please ensure that your project number, **INTI-FHLS-01-15-2023** is clearly indicated on all purchases requested. All purchase requests must be verified by the Secretariat for Research at the Research Management Centre (RMC) against the budget approved.

As the project proceeds, we acknowledge that it may in some cases be necessary to modify the original plan of expenditure. Any variation will need to be justified and approved.

We wish you every success with your project.

Thank you.

Yours sincerely,

**Prof. Dr. Wong Ling Shing,**  
Pro Vice-Chancellor Research and Innovation

Cc:

1. Ms. Wong Ricci, Manager of Human Resources





**ACCEPTANCE OF INTI IU RESEARCH SEEDING GRANT PHASE 1/2023**

This completed form must be forwarded to the Secretariat for Research within a week of receiving the letter.

RESEARCHER'S DETAILS	
Name of Principal Researcher:	<b>Nadia Binti Ab. Shukor</b>
Faculty / Centre:	<b>Faculty of Health and Life Sciences (FHLS)</b>
Project title:	<b>Sequential Extraction of Harmful Heavy Metal from Mangrove Sediment in 3 Locations at West Coast, Malaysia.</b>
<p>I, the undersigned, am aware of and agree with the amount of funds awarded.</p> <p>By accepting this grant, I agree to abide by all the research-related policies and procedures of INTI International University as well as the relevant guidelines.</p> <p>I will inform and seek approval from the Secretariat for Research if there is any change in circumstances of research (for example, additional researcher, outside funding or participation of any kind).</p> <p>As a condition of receiving this grant, I hereby agree to publish at least <b>two (2) publications (Scopus indexed)</b> and look for opportunity to apply for national/international grant after completion of my research.</p> <p>Funds can be withdrawn if progress report is not satisfactory.</p> <p>Researcher's signature: <i>nadia shukor</i> Date: 25 Sept 2023</p>	
<b>B. APPROVED BUDGET</b>	<b>Research Grant No: INTI-FHLS-01-15-2023</b>
Amount Requested: RM 32,420.00	Amount Approved: <b>RM 32,420.00</b>





ACKNOWLEDGEMENT BY DEAN / DIRECTOR

Remarks (if any)

Name: **Prof. Dr. Geetha Subramaniam** Signature: S. Geetha

Date: **25 September 2023**

VERIFICATION BY SECRETARIAT FOR RESEARCH, RMC

Remarks (if any)

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Date: \_\_\_\_\_

