



GOVERNMENT OF INDIA  
Ministry of Science & Technology  
Department of Science & Technology  
DST/SEED/SCSP/STI/2022/937 (G)  
(SEED)

Technology Bhawan, New Delhi  
Dated: 23/08/2024

**Sanction Order**

Subject: Financial assistance for the project entitled "STIHub for Technology enabled Production and Marketing of Value added Agricultural products to enhance the Livelihood of SC Community in Thellur Block" of Dr. Chandrasekaran, VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS), CHENNAI, TIRUVALLUR, TAMILNADU, 600107. Release of the 2nd installment regarding

In continuation of the sanction order dated 21/03/2023, sanction of the President is hereby accorded to the release of Rs. 48,00,000/- (Rupees Forty Eight Lakh only) to the Director/Registrar/Principal/Controller/Comptroller, "VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)" being the 2nd installment of grant under "Grant-in-aid General" for the above-mentioned project, during the financial year 2024-2025.

2. The sanction of the President is also accorded to carry forward the unspent balance of Rs.0/- (Rupees only) from FY 2023-2024 to FY 2024-2025 in recurring head.

3. The expenditure involved is debitible to Demand No. 89, Department of Science & Technology for the year 2024-2025 :

3425	Other Scientific Research(Major Head)
3425.60	Others : (Sub-Major Head)
3425.60.789	Special Component Plan for Scheduled Castes
3425.60.789.15	Innovation, Technology Development and Deployment
3425.60.789.15.00	Detailed Head
3425.60.789.15.00.31	Grants-in-aid General
	(Previous: 3425.60.789.01.01.31)

4. The amount of Rs. 1/- (Rupee One only) against the sanctioned amount of Rs. 48,00,000/- (Rupees Forty Eight Lakh only) will be drawn by DDO, DST and disbursed to the "CNA account of Science and Engineering Research Board (SERB) in respect of Innovation, Technology Development and Deployment Scheme".

Name of A/C Holder	Innovation Technology Development and Deployment
Bank A/C No	349902010051240
Name of the Bank & branch	Union Bank of India, Safdarjang Enclave - New Delhi
RTGS/IFSC code	UBIN0534994

5. CNA shall assign/allocate the amount of Rs. 48,00,000/- (Rupees Forty Eight Lakh only) to the Director/Registrar/Principal/Controller/Comptroller, "VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS)" as per details given below :-

Name of A/C Holder	VELS Institute of Science Technology and Advanced Studies ITDD 1819 Scheme
Bank A/C No	589002010014555
Name of the Bank & branch	Union Bank of India

6. As per Rule 234 of CFR 2017, the sanction has been entered in S. No. 157 in the register of grants maintained in the SEED for the scheme STI Hub for SC Community.
7. The issues with the concurrence of FRD vide their Concurrence Dy. No. HFD/CH/21082431/02982 dated 21/08/2024.
8. The GI will keep all the funds received in the Central Nodal Account only and shall not transfer the funds to any other account or not divert the same to Fixed Deposit/ Flexi-Account/ Mutual-Option Deposit/ A/c/cum/ Corporate Liquid Term Deposit (CLTD) account etc.. The funds released to GI shall not be parked in bank account of any other agency.
9. The GI will ensure the compliance of OM, No. E. No. 1/1(8)/P/MS/PCD/2021 dated March 9, 2022 of Department of Expenditure, Ministry of Finance.
10. The amount of ₹ 11,94,457/- under general head and ₹ 3,882/- under capital head has been automatically transferred by the CNA from 2024-25 to 2024-25. Head(SEED) granted permission to utilize this amount in 2024-25.
11. The organization is registered on NGO Darpna Portal and their Unique ID is TN/2017/0150628
12. This sanction order is subject to the Terms & Conditions as annexured.

To,  
The Pay & Accounts Officer,  
Department of Science & Technology,  
New Delhi - 110 016.

RAJNI RAYAT  
(Scientist - 'D')  
rjnrf@nic.in

- Copy of information and necessary action to:-
1. The Principal Director of Audit, Scientific Department, IIIrd floor, AGCR Building, I.P. Estate, New Delhi;
  2. The Financial Advisor, Integrated Finance Division, Technology Bhawan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
  3. The Internal Audit Wing, Department of Science & Technology, Technology Bhawan, New Mehrauli Road, Block C, Qutab Institutional Area, New Delhi, Delhi 110016
  4. Drawing and Disbursing Officer, DST, Cash Section, (two copies)
  5. Dr. Chandrasekaran, Professor and Director, Mechanical Engineering, VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS), CHENNAI, Tiruvallur, Tamilnadu - 600117
  6. The Director/Registrar/Principal/Controller/Comptroller/Chief Executive Officer(CEO), VELS INSTITUTE OF SCIENCE, TECHNOLOGY AND ADVANCED STUDIES (VISTAS), CHENNAI, Tiruvallur, Tamilnadu - 600117
  7. Secretary, Science and Engineering Research Board (SERB), New Delhi; ( for allocation of limits to implementing agency )
  8. Head (SEED) DST
  9. Sanction Folder (SEED)

RAJNI RAYAT  
(Scientist - 'D')  
rjnrf@nic.in

EDII-IVP Project Details

S.No.	Name of the Faculty	Department	Company Name	Title	Amount sanctioned	Duration of Project	Project sanctioned date	Amount sanctioned date	Status of the Project
1.	Dr.A.Kosha	Chemistry	Karnika PVT LTD	Synthesis of Cu-based Metal Organic Framework (MOF) from waste PET bottles with g-C <sub>3</sub> N <sub>4</sub> and investigation of its Biomedical application	2,00,000/-	6 months	30/11/22	26.02.2023 (80,000)	Going to apply second installment
2.	Dr.S.Deepa	Chemistry	LUMECO	Development of Dip-Stick based pesticides diagnostic tool	2,00,000/-	12 months	30/1/23	26.02.2023 (80,000)	Going to apply second installment
3.	Mr.C.Ramprasath	Biotechnology	Eukpro Biotech PVT ltd	Control Pungent odours and small insects in Household, Hospital and Industries using biodegradable enzymatic	5,00,000/-	12 months		26.02.2023 (1,00,000)	applied second installment

EDII-IVP Project Details

4.	Dr.R.Sudha	Chemistry	Janudhanu Chemicon Pvt. Ltd	cleaning Products	Synthesis of different Nano-Alpha hydroxy acid- Metal complexes and proceed for the corrosive inhibitive study	2,00,000/-	12 months	20.03.2023	02.06.2023 (80,000)	Spending First Installment
5.	Dr.S. Sowmya	Chemistry	ES Solution Pvt. Ltd	Essential oil encapsulated Cellulose film for Mosquito repellency	Production of essential oil encapsulated Cellulose film for Mosquito repellency	2,00,000/-	12 months	20.03.2023	19.06.2023 (80,000)	Spending First Installment
6.	Dr.RA.Kalaivani & Dr.A.M.Shanmugharaj	Chemistry	M/S Hydropower Technology Solutions Pvt. Ltd.,	Production of clean hydrogen fuel through microwave assisted catalytic conversion of marine waste plastics	Production of clean hydrogen fuel through microwave assisted catalytic conversion of marine waste plastics	2,00,000/-	12 months	20.03.2023	21.04.2023 (80,000)	Spending First Installment
7.	Dr.K.Sudharsan	Microbiology	Biobased Product Pvt. Ltd	Production of Sustainable Packaging and	Production of Sustainable Packaging and	2,00,000/-	12 months	21.04.2023	07.06.2023 (80,000)	Spending First Installment

EDII-IVP Project Details

8.	Dr.C.Meenakshi	MCA	Netstack Technology Solutions	Disposable Cutlery made of Renewable Agricultural Residues	Automated Waste Segregation System	2,20,000/-	12 months	20.03.2023	19.06.2023 (80,000)	Spending First Installment
9.	Dr.M.Revathi	Chemistry	REV Electrotec PVT Ltd	Fabrication of an Electrochemical Reactor for the Recovery of Heavy metals from the Nichrome Electroplating Industry rinse water		3,00,000/-	12 months	20.03.2023	26.05.2023 (1,00,000)	Spending First Installment
10.	Mr.P.Thiyagarajan	Chemistry	THAPAS	Development of topical cream using biomass waste		2,00,000/-	12 months	20.03.2023	19.06.2023 (80,000)	Spending First Installment
11.	Dr.T.Meera	Agriculture	Kumar's Agro solution	Making Bio – Table ware		2,00,000/-	12 months	18.04.2023	25.05.2023 (80,000)	Spending First Installment
12.	Dr.N.Anadhabairavi	Agriculture	Busy Bee's	Production and		2,00,000/-	12 months	18.04.2023	25.05.2023	Spending First



**ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE**

(An autonomous society of the Government of Tamil Nadu)  
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Ekkaduthangal, Guindy, Chennai 600032, Tamil Nadu  
Tel : +91-44-2225-2081/82/83/84 Web : [www.editn.in](http://www.editn.in)



Roc.No.II-01/44/2022/EDII/2022

Date:20.03.2023

Sir,

**Sub:** EDII - Innovation Voucher Programme (IVP) - Proposal submitted under IVP – Sanctioned Order Issued – Reg.

**Ref:** 1. IVP Proposal sent by **M/S Hydropower Technology Solutions.**  
2. Minutes of the Screening Committee meeting held on 11.01.2023.

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As per the above references, this is to inform that your proposal has been approved by the Screening Committee under “**Innovation Voucher Programme**”.

In this regard, the details of the recommendations and terms and conditions are as follows :

1. Name of the Company : Hydropower Technology Solutions
2. Project Title : Production of Clean Hydrogen Fuel through Microwave-Assisted Catalytic Conversion of Marine Waste Plastics
3. Voucher Type : Voucher – A
4. Maximum Project Duration : 12 Months
5. Knowledge Partner : Vels Institute of Science Technology Advanced Studies
6. Total Project Cost : Rs.2,00,000/-

Break up of Project Cost (In Rs.) :				
EDII Contribution			Company's Contribution	Total
1 <sup>st</sup> Installment 50%	2 <sup>nd</sup> Installment 40%	3 <sup>rd</sup> Installment 10%		
80,000	64,000	16,000	40,000	2,00,000

**Terms and Conditions of the grant:**

- I. 1<sup>st</sup> Installment: 50 percent of the eligible grant will be released on signing of the tripartite agreement.
- II. 2<sup>nd</sup> Installment: 40 percent will be released on submission of the Progress report, Utilization Certificate, Photos & Videos, etc. and its acceptance by the EDII within the time frame stipulated in the agreement
- III. 3<sup>rd</sup> Installment: (Remaining 10 percent) will be released on completion of the project and presentation of the final report being made before the Screening committee and the completion report found acceptable.
- IV. Contribution of the company has to be paid in full to the knowledge partner before the release of 2<sup>nd</sup> Installment.

- V. Knowledge partner should release the fund to the company without any delay based on the achievement of milestones as envisaged in the project by the company.
- VI. The company should periodically furnish progress report and utilization certificate to EDII for releasing of 2<sup>nd</sup> and 3<sup>rd</sup> installment.
- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
- IX. The sanction project should be completed within the time stipulated in the agreement. For factors beyond the control of the Company given the assignment, suitable extension in time may, however, be granted at the request of the institution.
- X. The EDII shall not pay any extra amount for any escalation in the cost of the assignment beyond the time period stipulated in the agreement.
- XI. The total grant for the study as agreed with the organization will include service tax and other tax, if any, and the liability of payment of the tax will be of the Institution conducting the study.
- XII. TWO hard copies of the final report, FIVE hard copies of the executive summary and soft copy containing the final report shall be submitted before releasing the final installment of payment.
- XIII. During the period of the implementation of the project, EDII may modify the TOR and other terms and conditions of the project, if necessary, in order to strengthen/deepen its scope/coverage. As far as possible, such modifications will not be made more than once during the period of study and with the due concurrence of the Company concerned.
- XIV. In case of change of contact person during the period of study, the new contact person may be nominated by the Company with the prior approval of the EDII.
- XV. Any changes in the proposed work plan should be intimated to EDII and get prior approval from the Screening Committee
- XVI. If the performance of the Company during the period of the study is not found to be satisfactory, the agreement will be terminated.
- XVII. The Knowledge partner should have empaneled with EDII.

**You are requested to furnish us the following documents immediately:**

- Tripartite Agreement (Model Enclosed)
- Advance Stamp receipt from the Knowledge Partner Institution for the 1<sup>st</sup> Installment.
- Bank Account details of the Knowledge Partner Institution to which the amount is to be released in Letterhead with signature of Knowledge Partner.
- Detailed milestones with signature of company and Knowledge Partner.
- Detailed Budget split-up with signature of company and Knowledge Partner.
- Consent letter from Knowledge Partner and service cost charged by the Knowledge Partner for various services
- UAM Registration/Startup India DPIIT Registration Certificate

**Sd/-  
Director**

*[Signature]*  
**Addl. Dir (FAC)**

**//By Order//**

To,

1. Hydropower Technology Solutions
2. Vels Institute of Science Technology Advanced Studies





தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்  
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY  
(Established by Government of Tamilnadu)  
Directorate of Technical Education Campus, Chennai - 600 025.  
Ph : 044-22301428, www.tanscst.nic.in

10/01/23  
[Handwritten signature]

Dr.R.SRINIVASAN, M.Sc., Ph.D.,F.I.C.S., M.A.C.S.(USA),  
Member Secretary

Lr.No.TNSCST/SPS/BS/2022-2023

03.03.2023

To  
The Principal  
Adhiyamaan College of Agriculture and Research  
Hosur-635 105

Sir/Madam,

Sub: TNSCST – Student Project Scheme – 2022-2023 – approval intimation–grant release- reg.

With respect to the above scheme, the list of projects approved by the State Council is enclosed along with terms and conditions. You are requested to adhere to terms and conditions such as submission of UC and Seminar Paper on Time.

Dr.S.Murali, Assistant Professor, Department of Soil Science and Agricultural Chemistry, Adhiyamaan College of Agriculture and Research, Hosur-635 105	Enrichment of vermicompost with various organic sources and different application rate on the yield and quality in bhendi (Abelmoschus esculentus L.)	V. Malini Sri, R. Mahima, A. Muthamizh Selvan, P. Prasath	AS-008	The Principal	Rs 7500/-
Total					Rs 7500/-

Herewith enclosed the cheque for the approved grant and disburse the grant to the concerned students through the guides at the earliest

Kindly send the utilisation certificate (format enclosed) and seminar paper (Ref.T&C) on completion of the project.

Thanking you,

Yours faithfully,

[Handwritten signature]  
3/3/23  
Member Secretary.

- Encl: a) Terms & Conditions (T&C)  
b) Format of Utilisation Certificate (UC)  
c) Cheque for Rs. 7500/- Cheque No:574718 dt.03.03.2023

Copy to: Individual Guides

# ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE

(An autonomous society of the Government of Tamil Nadu)

ParthasarathyKoil Street, SIDCO Industrial Estate,  
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Tel : +91-44-2225-2081/82/83/84 Web : [www.editn.in](http://www.editn.in)



Roc.No.II-01/44/2022/EDII/2022

Date:18.04.2023

Sir,

**Sub:** EDII - Innovation Voucher Programme (IVP) - Proposal submitted under IVP – Sanctioned Order Issued – Reg.

**Ref:** 1. IVP Proposal sent by **M/s Thapas**.  
2. Minutes of the Screening Committee meeting held on 16.03.2023.

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As per the above references, this is to inform that your proposal has been approved by the Screening Committee under “**Innovation Voucher Programme**”.

In this regard, the details of the recommendations and terms and conditions are as follows :

1. Name of the Company : **Thapas**
2. Project Title : Development of topical cream using biomass waste
3. Voucher Type : Voucher – A
4. Maximum Project Duration : 12 Months
5. Knowledge Partner : Vels Institute Of Science Technology And Advanced Studies
6. Total Project Cost : Rs.2,00,000/-

Break up of Project Cost (In Rs.) :				
EDII Contribution			Company's Contribution	Total
1 <sup>st</sup> Installment 50%	2 <sup>nd</sup> Installment 40%	3 <sup>rd</sup> Installment 10%		
80,000	64,000	16,000	40,000	2,00,000

### Terms and Conditions of the grant :

- I. 1<sup>st</sup> Installment: 50 percent of the eligible grant will be released on signing of the Tripartite agreement.
- II. 2<sup>nd</sup> Installment: 40 percent will be released on submission of the Progress report, Utilization Certificate, Photos & Videos, etc. and its acceptance by the EDII within the time frame stipulated in the agreement
- III. 3<sup>rd</sup> Installment: (Remaining 10 percent) will be released on completion of the project and presentation of the final report being made before the Screening committee and the completion report found acceptable.
- IV. Contribution of the company has to be paid in full to the knowledge partner before the release of 2<sup>nd</sup> Installment.
- V. Knowledge partner should release the fund to the company without any delay based on the achievement of milestones as envisaged in the project by the company.

- VI. The company should periodically furnish progress report and utilization certificate to EDII for releasing of 2<sup>nd</sup> and 3<sup>rd</sup> installment.
- VII. The company with attestation of the Knowledge Partner must submit monthly progress reports of the project to EDII regularly.
- VIII. Any deviation of the project has to be reported promptly to EDII.
- IX. The sanction project should be completed within the time stipulated in the agreement. For factors beyond the control of the Company given the assignment, suitable extension in time may, however, be granted at the request of the institution.
- X. The EDII shall not pay any extra amount for any escalation in the cost of the assignment beyond the time period stipulated in the agreement.
- XI. The total grant for the study as agreed with the organization will include service tax and other tax, if any, and the liability of payment of the tax will be of the Institution conducting the study.
- XII. TWO hard copies of the final report, FIVE hard copies of the executive summary and soft copy containing the final report shall be submitted before releasing the final installment of payment.
- XIII. During the period of the implementation of the project, EDII may modify the TOR and other terms and conditions of the project, if necessary, in order to strengthen/deepen its scope/coverage. As far as possible, such modifications will not be made more than once during the period of study and with the due concurrence of the Company concerned.
- XIV. In case of change of contact person during the period of study, the new contact person may be nominated by the Company with the prior approval of the EDII.
- XV. Any changes in the proposed work plan should be intimated to EDII and get prior approval from the Screening Committee
- XVI. If the performance of the Company during the period of the study is not found to be satisfactory, the agreement will be terminated.
- XVII. The Knowledge partner should have empanelled with EDII.

**You are requested to furnish us the following documents immediately:**

- Tripartite Agreement (Model Enclosed)
- Advance Stamp receipt from the Knowledge Partner Institution for the 1<sup>st</sup> Installment.
- Bank Account details of the Knowledge Partner Institution to which the amount is to be released in Letterhead with signature of Knowledge Partner.
- Detailed milestones with signature of company and Knowledge Partner.
- Detailed Budget split-up with signature of company and Knowledge Partner.
- Consent letter from Knowledge Partner and service cost charged by the Knowledge Partner for various services
- UAM Registration/Startup India DPIIT Registration Certificate

**Sd/-  
Director**

**//By Order//**

  
**Addl. Director (FAC)**

To,

1. Thapas
2. Vels Institute Of Science Technology And Advanced Studies

PROCEEDINGS OF THE ADDITIONAL CHIEF SECRETARY  
EDII -CHENNAI.

PRESENT: THIRU.C. UMASHANKAR, I.A.S.,

Rc.No.II-01/2/EDII-IVP/2023

Dated: 07.03.2024

**Sub:** EDII -TN - Innovation Voucher Programme (IVP) - Releasing of first Instalment Amount of Rs 80,000/- to **M/s.As Rhythm Pvt. Ltd** through the Knowledge partner **M/s Vels Institute of Science Technology and Advanced Studies** towards grants under Innovation Voucher Programme - Voucher "A" - requested - Reg

- Ref:** 1. Minutes of the Screening Committee meeting held on 16.11.2023.
2. Tripartite Agreement received from M/s.Vels Institute of Science Technology and Advanced Studies Date:08.01.2024.

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ORDER :

Sanction is hereby accorded for an amount of **Rs.80,000/- (Rupees eighty thousand only)** as first installment against the sanctioned amount of Rs. 1,60,000/- towards grant for Innovation Voucher Programme to **M/s.Vels Institute of Science Technology and Advanced Studies** which is the Knowledge Partner of **M/s.As Rhythm Pvt. Ltd (Project Title: "Innovative Eco-pave: Turning single plastic waste into sustainable pave block")**.

Project Name	"Innovative Eco-pave. Turning single plastic waste into sustainable pave block."
Innovator's Name	Ms.Abinaya Aishwarya
Company Name	M/s As Rhythm Pvt. Ltd
Knowledge Partner	M/s Vels Intsitute of Science, Technology & Advanced Studies (VISTAS)
SC Meeting and Project Sanction Date	16 11 2023
Voucher	"A"
Total proposed budget	Rs 2,00,000/-
Total IVP Grant sanctioned by EDII	Rs 1,60,000/-
1 <sup>st</sup> Installment amount to be released (Rs.)	Rs 80,000
Milestone & Mandatory Documents	Minutes of the Screening Committee and ToR (enclosed)

In this connection, the Accounts Officer is authorized to draw and disburse an amount of **Rs.80,000/- (Rupees Eighty thousand only)** as first Installment towards grant to **Vels Institute of Science Technology and Advanced Studies** which is the Knowledge Partner of **M/s. As Rhythm Pvt Ltd.**

The amount may be disbursed through the NEFT.

**The Bank Account Details are below:-**

Name : Vels Institute of Science Technology and Advanced Studies  
Ac/No : 911010014364240  
IFSC : ~~UTIB0000083~~ **UTIB0000083**  
Bank : AXIS BANK  
Branch : Madipakam, Chennai

The above expenditure shall be debited under the Head of account  
**"Innovation Voucher Programme"**.

o/c

*[Handwritten signature]*

1/20

**ADDITIONAL CHIEF SECRETARY**

*[Three handwritten signatures]*  
26/3/24 26/3/24 27/3/24

**To,**

The Accounts Officer,  
EDII, Guindy, Chennai – 32.

**Copy to,**

1. M/s. As Rhythm Pvt.Ltd
2. M/s.Vels Institute of Science Technology and Advanced Studies.