



**PRATHYUSHA ENGINEERING COLLEGE**  
**(An Autonomous Institution)**

**DEPARTMENT OF BIOTECHNOLOGY – MOU**  
**2024-2025**

<b>Year</b>	<b>MOU signed with</b>	<b>Date of signing MOU</b>	<b>Duration</b>	<b>Renewal</b>
<b>2024-25</b>	ImmuGenix Biosciences Pvt Ltd	22.10.2024	5 years	21.10.2029
<b>2024-25</b>	Veridian Biotech	22.10.2024	3 years	21.10.2027
<b>2024-25</b>	Golden Jubilee Biotech Park	22.10.2024	3 years	21.10.2029
<b>2024-25</b>	Iswarya Health Private Limited unit of Chengene Pvt Ltd	22.10.2024	3 years	21.10.2029
<b>2024-25</b>	Acme Pro Gen Life Science Solutions	22.10.2025	5 years	21.10.2030
<b>2024-25</b>	Bethel Bio-research Centre	22.10.2024	2 years	21.10.2026
<b>2024-25</b>	Havnoz Biomoluxe Pvt Ltd	22.01.2025	3 years	21.01.2028
<b>2024-25</b>	Fibsol Pvt Ltd	21.04.2025	3 years	20.04.2028







தமிழ்நாடு தமில்நாடு TAMILNADU

Prathyusha Engineering College

EE 975771

S. JOTHI

STAMP VENDOR: 41/3, J.N. Road,  
TIRUVALLUR - 602 001 TAMILNADU.  
R.C. 5718/D1/270 Dt. 15.09.2000

Rs. 100/- Dt. 12-2-25

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 21<sup>st</sup> April 2025 at Perungudi, between Prathyusha Engineering College (an Autonomous Institution) (hereinafter referred as PEC) with its Registrar placed at Poonamallee-Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

&

FIB-SOL Life Technologies Private Limited, 4/296, Kamarajar street, Rajiv Gandhi Salai, near HCL, Perungudi, Chennai, Tamil Nadu 600096, represented by Dr. Kavitha Sairam (Founder & CEO).



 **FIB-SOL<sup>®</sup>**

**Dr. R. S. KUMAR**  
B.E., (Hons) M.Tech., (IIT Delhi) Ph.D., FIE  
PRINCIPAL  
PRATHYUSHA ENGINEERING COLLEGE  
AN AUTONOMOUS INSTITUTION  
Poonamallee - Tiruvallur High Road,  
Aranvoyal Kuppam, Tiruvallur - 602025



**Dr. R. S. KUMAR**  
B.E., (Hons) M.Tech., (IIT Delhi) Ph.D., FIE  
PRINCIPAL  
PRATHYUSHA ENGINEERING COLLEGE  
AN AUTONOMOUS INSTITUTION  
Poonamallee - Tiruvallur High Road,  
Aranvoyal Kuppam, Tiruvallur - 602025



## MEMORANDUM OF UNDERSTANDING

In accordance with the mutual desire to promote co-operation between **FIB-SOL Life Technologies Private Limited** situated at 4/296, Kamarajar street, Rajiv Gandhi Salai, near HCL, Perungudi, Chennai, Tamil Nadu 600096 and **PEC**, located at Poonamallee- Tiruvallur Road, Aranvayal Kuppam Village, Aranvayal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

**FIB-SOL Life Technologies Private Limited** is a pioneering biotechnology company which was started in 2013 specializing in developing innovative, sustainable solutions for agriculture and environmental management. With a focus on advanced polymer science and nanotechnology, FIB-SOL creates eco-friendly products such as biodegradable carrier materials for beneficial microbes, enhancing crop productivity and soil health. Committed to driving sustainability and innovation, FIB-SOL aims to make a positive impact on the planet and empower communities through cutting-edge research and practical applications.

**Prathyusha Engineering College (PEC)** was established in 2001 with the aim of transforming an individual into a complete man with character and ability committed to national service and development.

The parties realize the benefits of sharing their expertise and enter into the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

### **I. Purpose of the Agreement**

PEC and FIB-SOL Life Technologies Private Limited jointly agree to subscribe to a relationship in order to promote the following activities between the two parties. The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.
  - 1.1.To facilitate a structured plan for the benefit of staff and students of the department through training programmes and internships.
  - 1.2.Both parties agree that the use of each other's institutional or organizational names for the purpose of procuring microorganisms from authorized sources may be permitted on a case-to-case basis, and only when such procurement is part of an officially offered consultancy service.
  - 1.3.Both parties may also collaborate in relevant scientific analyses, using either party's available facilities or under their institutional affiliation, subject to mutual consent and availability.
  - 1.4.Experiences and expertise in the fields of Microbiology, Animal Research, Phytochemistry, Herbal technology, Polymer chemistry, Nanobiotechnology, Plant Tissue Culture techniques, study and application of microorganisms for industrial purposes.
  - 1.5.Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.



**Dr. R. S. KUMAR**  
B.E., (Hons) M.Tech., (IIT Delhi) Ph.D., FIE  
PRINCIPAL  
PRATHYUSHA ENGINEERING COLLEGE  
AN AUTONOMOUS INSTITUTION  
Poonamallee - Tiruvallur High Road,  
Aranvoyal Kuppam, Tiruvallur - 602025





- Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
- Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, FIB-SOL Life Technologies Private Limited can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual consent.
- Both the parties agree to utilize their Laboratory Instrument facilities without any payments when such utilizations don't affect the normal functioning of the other.
- To take consultancy services.

## II. Term & Termination

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 3 years from the date of signing MoU. The agreement can be renewed for additional 3 years period by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date.

## III. Intellectual Property Rights

Any Intellectual Property Rights (IPR) arising from projects solely initiated by FIB-SOL Life Technologies Private Limited shall belong to FIB-SOL Life Technologies Private Limited. Likewise, IPR arising from projects solely initiated by PEC shall belong to PEC. In either case, the non-owning party shall be appropriately acknowledged in any resulting IPR. For joint research collaborations involving both parties, a separate Non-Disclosure Agreement (NDA) shall be executed prior to the commencement of the project.

**For PRATHYUSHA ENGINEERING COLLEGE**

Signature : .....

Name : **Dr. R. S. Kumar**

Designation: **PRINCIPAL**

**Dr. R. S. KUMAR**

**Ph.D., FIE**

**PRINCIPAL**

**PRATHYUSHA ENGINEERING COLLEGE**

**AN AUTONOMOUS INSTITUTION**

**Poonamallee - Tiruvallur High Road,**

**Aranvoyal Kupam, Tiruvallur - 602025**

Signature with date

Name & Affiliation

*Kowsalya A*  
21/04/25

**Kowsalya A**

**Ph.D. scholar**

**For FIB-SOL LIFE TECHNOLOGIES PRIVATE LIMITED**

Signature : .....

Name : **Dr. Kavitha Sairam**

Designation : **FOUNDER and CEO**

Witness

*A. Sai Redh*  
21/04/2025

Signature with date

Name & Affiliation

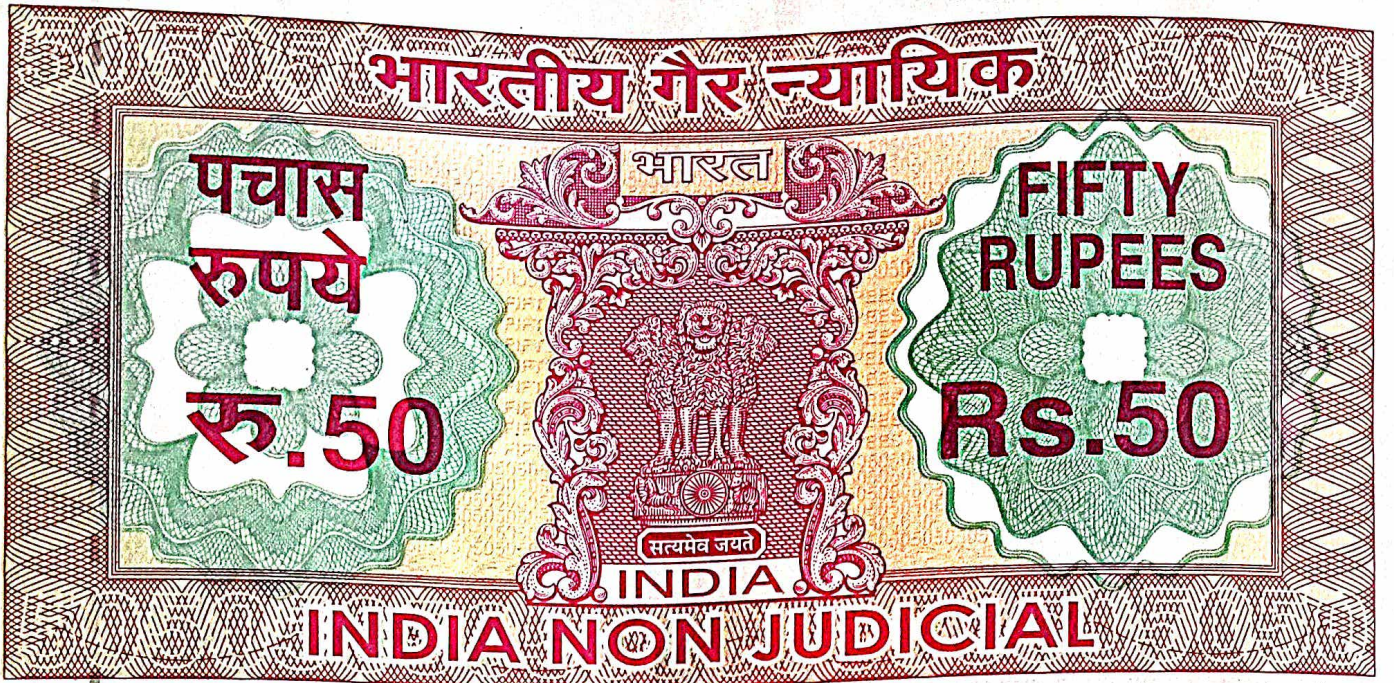
**Dr. A. SAI RAMESH**

**Asso. Prof. - Biotech.**

**Prathyusha Engineering College**







தமிழ்நாடு தமில்நாடு TAMILNADU

06 JAN 2022

BE 413327

C. N. S.

Prathyusha Engineering College  
Thiruvallur

C. நந்தகோபன்  
முத்திரைத்தாள் விற்பனையாளர்  
R.C. No. 6428/D1/2015-L.No. 2/2015/D1  
கவரைத் தெரு, பேரம்பாக்கம்-631 402

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 22<sup>nd</sup> January of 2025 at Thiruvallur.

Between

**Prathyusha Engineering College (an Autonomous Institution)** (here in after referred as PEC)  
with its Registrar placed at Poonamallee-Thiruvallur Road, Aranvoyal Kuppam Village,  
Aranvoyal Post, Thiruvallur Taluk- 602025. Tamil Nadu, India.

**Havnoz Biomoluxe Private Limited**, (herein after referred as HBPL) No.11/116, Kenampully,  
Chittur Pg, Palakkad, Chittur, Kerala, India, 678101



&



*[Handwritten signature]*

*[Handwritten signature]*

PRINCIPAL

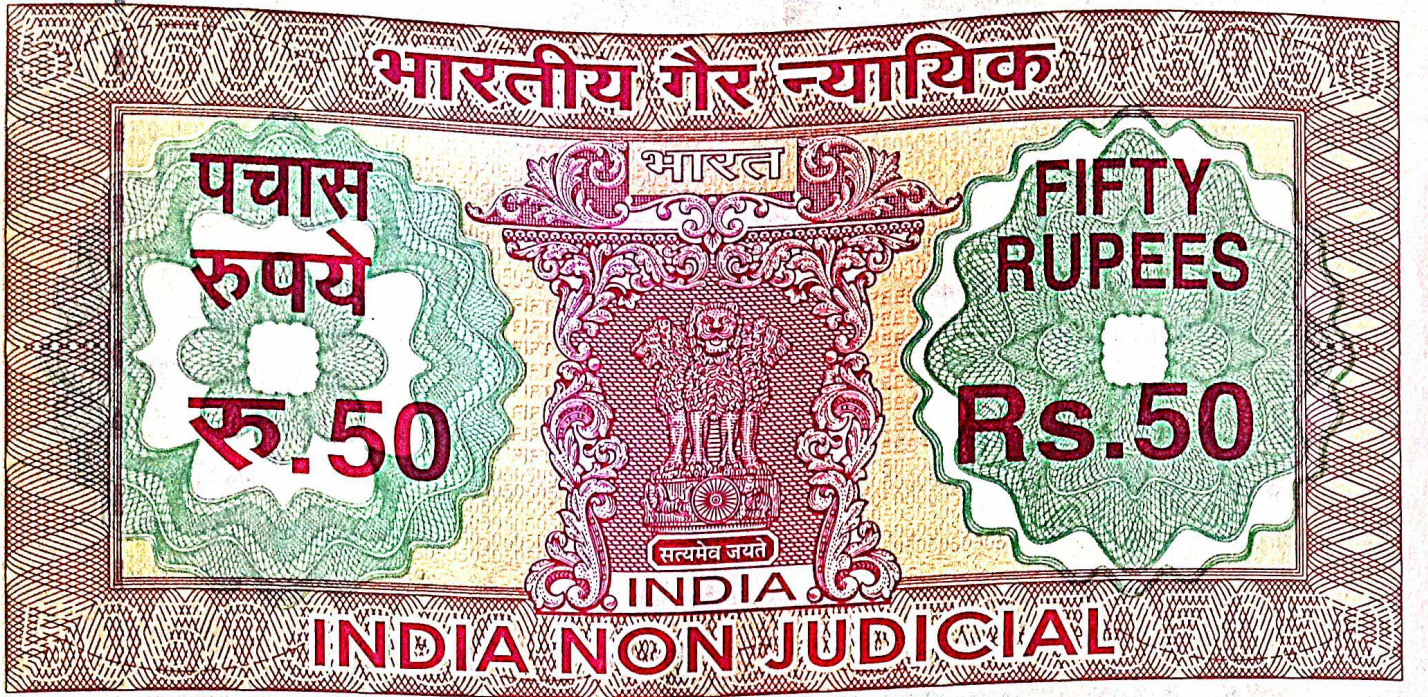
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.



Aranvoyalkuppam, Tiruvallur-602025.







தமிழ்நாடு தமிழ்நாடு TAMILNADU

06 JAN 2022

BE 413328

Prathyusha Engineering College  
Thiruvallur

C. N. N.  
C. நந்தகோபன்

முத்திரைத்தாள் விற்பனையாளர்  
R.C. No. 6428/D1/2015-L.No. 2/2015/D1  
கவரைத் தெரு. பேரம்பாக்கம்-631 402

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 22<sup>nd</sup> January of 2025 at Thiruvallur.

Between

Prathyusha Engineering College (an Autonomous Institution) (here in after referred as PEC)  
with its Registrar placed at Poonamallee-Thiruvallur Road, Aranvoyal Kuppam Village,  
Aranvoyal Post, Thiruvallur Taluk- 602025. Tamil Nadu, India.

Havnoz Biomoluxe Private Limited, (herein after referred as HBPL) No.11/116, Kenampully,  
Chittur Pg, Palakkad, Chittur, Kerala, India, 678101



&



PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.



Consentance - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.





### Memorandum of Understanding

In accordance with the mutual desire to promote co-operation between HBPL, located at No. 11/116, Kenampully, Chittur Pg, Palakkad, Chittur, Kerala, India, 678101 and PEC, located at Poonamallee- Thiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

Havnoz Biomoluxe Private Limited is an innovative biotechnology company headquartered in Kalamassery, Kochi. It specializes in advanced molecular solutions for pharmaceuticals, cosmeceuticals, and industrial applications. The company's multidisciplinary team integrates research and sustainable manufacturing to deliver high-quality biomaterials. Havnoz fosters global collaborations to drive responsible, cutting-edge biotech break through and innovation.

Prathyusha Engineering College (PEC) was established in 2001 with the aim of transforming an individual into a complete man with character and ability committed to national service and development.

The parties realize the benefits of sharing their expertise and entering to the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

#### **I. Purpose of the Agreement**

PEC and HBPL jointly agree to subscribe to a relationship in order to promote the following activities between the two parties.


The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.

To facilitate a structured plan for the benefit of staff and students of the department through guest lectures, workshops, training programmes, projects and internships. The sharing of information and knowledge will function under the principles of mutual understanding, common interest and complementary activities.

Experiences and expertise in the fields of Animal Research, Phytochemistry, Herbal technology, Polymer chemistry, Nanobiotechnology, Plant Tissue Culture techniques, study and application of microorganisms for industrial purposes.

Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.

  
PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.





2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, HBPL can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.
4. Both the parties agree to utilize their Laboratory Instrument facilities without any payments when such utilizations don't affect the normal functioning of the other.
5. To take consultancy services.


## II. Term & Termination

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 5 years from the date of signing MoU. The agreement can be renewed for additional 5-year periods by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date

## III. Intellectual Property Rights

Any intellectual property developed collaboratively during projects partnered by HBPL and PEC, along with the associated equity sharing and claims, will be subject to mutual agreement and formally documented in a separate written agreement.

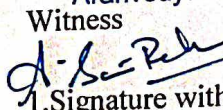
**For PRATHYUSHA ENGINEERING COLLEGE**

Signature : 

Name : **PRINCIPAL**  
Dr. RVS KUMAR

Designation: **PRINCIPAL**  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyaluppam, Tiruvallur-602025.

Witness

  
1. Signature with date  
Name & Affiliation  
Dr. A. Sar Ramesh  
PEC


**For Havnoz Biomoluxe Private Limited**

Signature : 

Name : Mr. Karthik Unnikrishnan  
Designation: CO-FOUNDER and Director

Witness

1. Signature with date  
Name & Affiliation

  
Ajith Kala dhavan  
Co-founder and director.







தமிழ்நாடு தமிழ்நாடு TAMILNADU

CV 722584

PRATHYUSHA ENGINEERING COLLEGE  
TIRUVALLUR

S. JOTHI

STAMP VENDOR : 41/3, J.N. Road,  
TIRUVALLUR - 602 001, TAMIL NADU.  
R.C. 5718 / D1 / 2000 Dt. 15.09.2000

Rs. 100/- Dt. 19.05.23

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 22<sup>nd</sup> October of 2024 at Tiruvallur.

By & Between

Prathyusha Engineering College (an Autonomous Institution) (hereinafter referred as PEC) with its registered placed at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

&

Veridian Micro Lab Pvt Ltd., Research & Development in Life Science & Veridian Diagnostics, Approved by Life Sciences Sector Skill Development Council (LSSSDC) & NSDCA Vocational Educational Council., Ground Floor, Ganapathy Complex, Opp to Kelambakkam Bus Depot, Kelambakkam, Chennai, Tamil Nadu.

PRINCIPAL  
Prathyusha Engineering College<sup>1</sup>  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

A.K. RAMYA  
DIRECTOR  
VERIDIAN MICRO LAB PVT.LTD.  
THIRUPORUR, CHENNAI -629 003.

for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.

PRINCIPAL  
Prathyusha Engineering College  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.



## Memorandum of Understanding

**THE VERIDIAN MICRO LAB Pvt Ltd**, has been developed under the regulation of Indian Act. The Veridian Micro Lab MoU recognizes the extensive good reasons by extend the hands of support to explore the life science research and efforts. Nonetheless membership is the latter is encouraged. Veridian Micro Lab implementing the MoU signatory plan to the best extent possible, facilitating the exchange of relevant informations, supports and cooperating with organization and subject experts.

**PRATHYUSHA ENGINEERING COLLEGE**, Chennai popularly known as PEC – is a self-financed Telugu Minority Institution managed by Prathyusha Educational Trust, Chennai, approved by AICTE, affiliated to Anna University, with accredited by NBA Programme and a recipient of ISO certification, located 30 kms from Chennai Central Railway Station. The college was conferred with autonomous status from the year 2023-2024. The college was established in the year 2001, to promote engineering education with quality technical knowledge to all the students hailing from not only in and around Chennai, but from various districts in Tamil Nadu and from neighbouring states also. This elysium of education, is the vision of the Founder Chairman Shri. P. Raja Rao, the well-known industrialist and philanthropist, to bring world-class education into this sylvan campus.

The parties realize the benefits of sharing their expertise and enter into the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

### **I. Purpose of the Agreement**

PEC and Veridian jointly agree to subscribe to a relationship in order to promote the following activities between the two parties.

The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.
  - 1.1. To facilitate a structured plan for the benefit of staff and students of the department through guest lectures, workshops, training programmes, projects and internships. The sharing of information and knowledge will function under the principles of mutual understanding, common interest and complementary activities.
  - 1.2. Experiences and expertise in the fields of Animal Research, Phytochemistry, Herbal technology, Polymer chemistry, Nanobiotechnology, Plant Tissue Culture techniques, study and application of microorganisms for industrial purposes.
  - 1.3. Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.
2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, Veridian can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.

Prathyusha Engineering College  
Poonamallee - Tiruvallur High Road,  
Aravouaikuppam, Tiruvallur-602025.

*[Signature]*



4. Both the parties agree to utilize their Laboratory Instrument facilities without any payments when such utilizations don't affect the normal functioning of the other.
5. To take consultancy services.

## II. Term & Termination

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 3 years from the date of signing MoU. The agreement can be renewed for additional 3-year periods by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date

## III. Intellectual Property Rights

Any Intellectual Property Rights that come about due to the development of any projects initiated by PEC or Veridian in partnership with PEC would be the property of PEC only and the company has no claim over the same. Research work involving both parties may enter into a separate non-Disclosure agreement; signed by both parties concerned before the initiation of the Project.

**For PRATHYUSHA ENGINEERING COLLEGE**

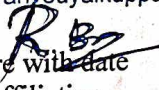
Signature : 

Name : **Dr. R. S. KUMAR**

Designation: **PRINCIPAL**  
Prathyusha Engineering College  
An Autonomous Institution

Witness Poonamallee - Tiruvallur High Road,  
Aranyouyalkuppam, Tiruvallur-602025.

1. Signature with date  
Name & Affiliation


  
**Dr. R. Balachandrar**  
PEC

**For THE VERIDIAN MICRO LAB**

Signature :  **A.K. RAMYA**

Name : **Dr. A. K. RAMYA** DIRECTOR

Designation : **MANAGING DIRECTOR**  
VERIDIAN MICRO LAB PVT.LTD.  
TIRUPURUR, CHENNAI - 629 003.

Witness   
22/10/24.

1. Signature with date  
Name & Affiliation





தமிழ்நாடு TAMILNADU

22 OCT 2024

DH 103762

S MANJULANATHESWARAR  
STAMP VENDOR  
L. No. 10037/76  
High Court Campus Chennai 104

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 22<sup>nd</sup> October of 2024 at Tiruvallur.


By & Between


Prathyusha Engineering College (an Autonomous Institution) (hereinafter referred as PEC),  
placed at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur  
Taluk- 602025. Tamil Nadu, India.

&

Bethel Bio-Research Centre (a MSME registered Company) (hereinafter referred as BBRC)  
with its Director placed at No: 3/4, 2<sup>nd</sup> Floor, VGP Srinivasa Nagar, Madambakkam Main Road,  
Chennai -600126, Tamil Nadu, India.

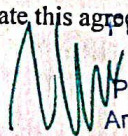


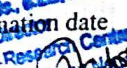
  
PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

  
Dr. T. Ebenezer M.Sc., B.Ed., MBA, M.Phil., Ph.D.  
Director  
Bethel Bio-Research Centre  
No.3/4 VGP Srinivasa Nagar  
Madambakkam Main Road, Chennai - 600126

### II. Term & Termination

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 2 years from the date of signing MoU. The agreement can be renewed for additional 2-year periods by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date.

  
PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

  
Dr. T. Ebenezer M.Sc., B.Ed., MBA, M.Phil., Ph.D.  
Director  
Bethel Bio-Research Centre  
No.3/4 VGP Srinivasa Nagar  
Madambakkam Main Road, Chennai - 600126



## Memorandum of Understanding

In accordance with the mutual desire to promote co-operation between Bethel Bio-Research Centre situated at No: 3/4, 2<sup>nd</sup> Floor, VGP Srinivasa Nagar, Madambakkam Main Road, Chennai -600126, Tamil Nadu, India and PEC, located at Poonamallee- Tiruvallur Road, Aranvayal Kuppam Village, Aranvayal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

Bethel Bio-Research Centre (BBRC) is a MSME certified Bio-Research Centre, located near Tambaram, in Chennai, Tamil Nadu. It undertakes academic research in the frontier areas of life sciences and medicine. The main goal of this BBRC is to bridge the gap between the academic and biotechnological industries. It organizes personalized trainings, seminars, symposia and scientific workshops for students doing B.Tech., M.Tech., B.Sc., M.Sc., B.Pharm., M.Pharm., M.Phil., PhD research scholars and Faculties. It is also actively involved in testing and outsourcing services, undertaking research projects, innovative product design and novel product manufacturing and is equipped with necessary instrumentation facilities.

**PRATHYUSHA ENGINEERING COLLEGE**, Chennai popularly known as PEC – is a self-financed Telugu Minority Institution managed by Prathyusha Educational Trust, Chennai, approved by AICTE, affiliated to Anna University, with accredited by NBA Programme and a recipient of ISO certification, located 30 kms from Chennai Central Railway Station. The college was conferred with autonomous status from the year 2023-2024. The college was established in the year 2001, to promote engineering education with quality technical knowledge to all the students hailing from not only in and around Chennai, but from various districts in Tamil Nadu and from neighbouring states also. This elysium of education, is the vision of the Founder Chairman Shri.P.Raja Rao, the well-known industrialist and philanthropist, to bring world-class education into this sylvan campus.

The parties realize the benefits of sharing their expertise and enter into the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

### **I. Purpose of the Agreement**

PEC and BBRC jointly agree to subscribe to a relationship in order to promote the following activities between the two parties.

The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.
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  - 1.3. Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.
2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, BBRC can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, the mentioned exchange of faculty may avail with mutual concerns.
4. Both the parties agree to utilize their Laboratory Instrument facilities without any payments when such utilizations don't affect the normal functioning of the other.
5. To take consultancy services.

### **II. Term & Termination**

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 2 years from the date of signing MoU. The agreement can be renewed for additional 2-year periods by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date.

An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvayalkuppam, Tiruvallur-602025.

Bethel Bio-Research Centre  
Chennai  
600 126  
No.3/4 VGP Srinivasa Nagar  
Madambakkam Main Road, Chennai - 600126



### III. Intellectual Property Rights

Any Intellectual Property Rights that come about due to the development of any projects initiated by PEC or BBRC in partnership with PEC would be the property of PEC only and the company has no claim over the same. Research work involving both parties may enter into a separate non-Disclosure agreement; signed by both parties concerned before the initiation of the Project.

#### For PRATHYUSHA ENGINEERING COLLEGE

Signature : 

Name : Dr. R. S. KUMAR

Designation: PRINCIPAL

Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyaluppam, Tiruvallur-602025.

1. Signature with date  
Name & Affiliation



Dr. R. S. Kumar

BT. Prof. - PEC

#### For BETHEL BIO-RESEARCH CENTRE

Signature : 

Name : Dr. T. EBENEZER, M.Sc., B.Ed., M.A., M.Phil., Ph.D.

Designation : DIRECTOR

Witness

Director  
Bethel Bio-Research Centre  
No.3/4 VGP Srinivasa Nagar  
Medambalam Main Road, Chennai - 600128

1. Signature with date  
Name & Affiliation







தமிழ்நாடு தமில்நாடு TAMILNADU

CV 722589

PRATHYUSHA ENGINEERING COLLEGE  
TIRUVALLUR

STAMP VENDOR : 41/3, J.N. Road,  
TIRUVALLUR - 602 001, TAMIL NADU.  
R.C. 5718 / D1 / 2000 Dt. 15.09.2000

Rs. 100/- Dt. 19.05.23



**ProGen**  
Life Science Solutions

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 22<sup>nd</sup> October of 2024 at Tiruvallur.

By & Between

**Prathyusha Engineering College (an Autonomous Institution)** (hereinafter referred as PEC),  
placed at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur  
Taluk- 602025. Tamil Nadu, India.

and

**Acme ProGen Biotech (India) Private Limited** (herein after referred to as "PROGEN")  
Salem - 636016, Tamil Nadu.

PRINCIPAL

Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

- Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
- Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, PROGEN can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual

Prathyusha Engineering College  
An Autonomous Institution  
Aranvoyalkuppam, Tiruvallur-602025.



**PRATHYUSHA ENGINEERING COLLEGE**, Chennai popularly known as PEC – is a self-financed Telugu Minority Institution managed by Prathyusha Educational Trust, Chennai, approved by AICTE, affiliated to Anna University, with accredited by NBA Programme and a recipient of ISO certification, located 30 kms from Chennai Central Railway Station. The college was conferred with autonomous status from the year 2023-2024. The college was established in the year 2001, to promote engineering education with quality technical knowledge to all the students hailing from not only in and around Chennai, but from various districts in Tamilnadu and from neighbouring states also. This elysium of education, is the vision of the Founder Chairman Shri.P.Raja Rao, the well-known industrialist and philanthropist, to bring world-class education into this sylvan campus.

**Acme ProGen Biotech (India) Private Limited** is a private limited company founded in 2007. The company was established to develop and commercialize a wide range of ready-to-use biological teaching and research kits that simplify and improve the quality of research in the life sciences. Additionally, Acme ProGen Biotech manufactures and trades laboratory equipment, reagents, and consumables for research institutes, educational & healthcare institutions and industries.

The company is equipped with advanced laboratory facilities and provides analytical testing services in the fields of biology and chemistry. With a dedicated R&D facility, Acme ProGen Biotech engages in contract research work for research institutions and industries, specializing in molecular biology, microbiology, biochemistry, and cancer cell line studies.

The both parties realize the benefits of sharing their expertise and enter into the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

### **I. Purpose of the Agreement**

PEC and PROGEN jointly agree to subscribe to a relationship in order to promote the following activities between the two parties.

The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.
  - 1.1. To facilitate a structured plan for the benefit of staff and students of the department through guest lectures, workshops, training programmes, projects and internships. The sharing of information and knowledge will function under the principles of mutual understanding, common interest and complementary activities.
  - 1.2. Experiences and expertise in the fields of Animal Research, Phytochemistry, Herbal technology, Polymer chemistry, Nanobiotechnology, Plant Tissue Culture techniques, study and application of microorganisms for industrial purposes.
  - 1.3. Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.
2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, PROGEN can request to utilize the expertise of PEC faculty for their technical events. However, exchange of facilities or scientist to be done under mutual consent.

PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee, Chennai-600066  
Aranvoyaluppam, Tiruvallur-602025.



- convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.
4. Both the parties agree to utilize their Laboratory Instrument facilities with or without payments when such utilizations don't affect the normal functioning of the other.
  5. To take consultancy services.

## II. Term & Termination

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 5 years from the date of signing MoU. The agreement can be renewed for additional 5-year periods by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date

**For PRATHYUSHA ENGINEERING COLLEGE**

Signature : .....  PRINCIPAL

Name : **Dr. R. S. KUMARG** College  
An Autonomous Institution

Designation: **PRINCIPAL**  
Poonamallee - Tiruvallur High Road,  
Aranvoyaluppam, Tiruvallur-602025.

Witness

 22/10/27

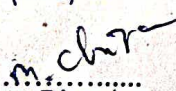
1. Signature with date  
Name & Affiliation

**Dr. R. Balakumary (Prof)**

**B7. PEE**

**For Acme ProGen Biotech (India) Private Limited**

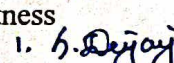
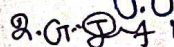
For Acme ProGen Biotech (India) Pvt. Ltd.

Signature : .....  Director

Name : **Ms. M. CHITRA**

Designation : **DIRECTOR**

Witness

1.  11/12/24 (**THIYAGARAJAN. S**)  
2.  11/12/24 (**JOTHILA. G**)

1. Signature with date  
Name & Affiliation





தமிழ்நாடு தமிழ்நாடு TAMILNADU

PRATHYUSHA ENGINEERING COLLEGE  
TIRUVALLUR

CV 722578

S. JOTHI

STAMP VENDOR : 41/3 J.N. Road,  
TIRUVALLUR - 602 001, TAMIL NADU.  
R.C. 5718/D1/2000 Dt. 15.09.2000

Rs. 100/- Dt. 19-05-23

## MEMORANDUM OF UNDERSTANDING

By & Between

**PRATHYUSHA ENGINEERING COLLEGE** (An Autonomous Institution)  
(hereinafter referred as PEC) placed at Poonamallee - Tiruvallur Road, Aranvoyal  
Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

உ

**GOLDEN JUBILEE BIOTECH PARK FOR WOMEN SOCIETY**, 4<sup>th</sup> Main Road, 2<sup>nd</sup>  
Cross Street, Inside SIPCOT IT Park, Old Mahabalipuram Road, Navalur Post,  
Kanchipuram Dt, Siruseri, Tamil Nadu - 603103

PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

1



of that particular activity. Any such activities agreed upon will be recorded and governed  
by a separate document executed by both parties.

3.4 The parties agree that MoUs of different nature can have arrangements with  
different institutions/organizations.

PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.







&



22<sup>nd</sup> October 2024

VALID TILL 21<sup>st</sup> October 2029

### 1. Purpose

This Memorandum of Understanding (MoU) establishes policies, procedures and scope for potential collaborative opportunities to enhance exchange of knowledge, expertise and information between the Prathyusha Engineering College, Chennai and GOLDEN JUBILEE BIOTECH PARK FOR WOMEN SOCIETY, Chennai registered as a Society under Tamil Nadu Societies Registration Act 1975, situated at 4th Main Road, 2nd Cross Street, Inside SIPCOT IT Park, Old Mahabalipuram Road, Navalur Post, Kanchipuram Dt. Siruseri, Tamil Nadu - 603103, in areas pertaining to biotechnology, agrotechnology, bioinformatics, molecular biology, microbiology, entrepreneurship and internship programmes. Through this MoU, both the parties express cooperation in capacity building, skill development, entrepreneurial training and participation in Research and Development.

### 2. Background

PRATHYUSHA ENGINEERING COLLEGE, Chennai popularly known as PEC - is a self-financed Telugu Minority Institution managed by Prathyusha Educational Trust, Chennai, approved by AICTE, affiliated to Anna University, with accredited by NBA Programme and a recipient of ISO certification, located 30 kms from Chennai Central Railway Station. The college was conferred with autonomous status from the year 2023-2024. The college was established in the year 2001, to promote engineering education with quality technical knowledge to all the students hailing from not only in and around Chennai, but from various districts in Tamilnadu and from neighbouring states also. This elysium of education, is the vision of the Founder Chairman Shri.P.Raja Rao, the well-known industrialist and philanthropist, to bring world-class education into this sylvan campus.

GOLDEN JUBILEE BIOTECH PARK FOR WOMEN SOCIETY is a unique venture set up with a mission to provide opportunities to qualified women to take up to a career of remunerative self-employment through biotechnological enterprises. The Park began its commercial operations in 2001 and over the years has proved to be a successful and unique venture in women entrepreneur development in the Biotech Sector. The Park has been designed based on the principle of decentralized production supported by centralized services to promote a series of biotechnology based enterprises in the areas of Agro, Food & Nutrition, Medical & Healthcare with a huge focus on mentoring, training and capacity building.

### 3. Introduction

- 3.1 The parties have mutually agreed to sign this MoU in order to express their intention, in principle, to enter into discussions in good faith to facilitate and develop a meaningful and mutually beneficial relationship and to explore and encourage the development of new opportunities for collaboration between the parties.
- 3.2 This MoU is not legally binding and is designed merely to inform and assist the on-going discussions. Neither party wishes for this MoU to give rise to any binding commitment or legal obligation.
- 3.3 The terms of cooperation for any other specific activities not contemplated under this MoU shall be mutually discussed and written down by both parties prior to the initiation of that particular activity. Any such activities agreed upon will be recorded and governed by a separate document executed by both parties.
- 3.4 The parties agree that MoUs of different nature can have arrangements with different institutions/organizations.

Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalukuppam, Tiruvallur-602025.





#### 4. Substance of Understanding

##### 4.1 Information Sharing

The parties mutually agree to collaborate and facilitate a structured plan for the benefit of staff and students of the department through guest lectures, workshops, training programmes, projects and internships. The sharing of information and knowledge will function under the principles of mutual understanding, common interest and complementary activities.

##### 4.2 Scope of potential collaborative opportunities

Opportunities will be provided for Students and Staff of the Department to undertake projects and summer internship training programmes and to use the facilities and expertise through lab and field work.

Exchange of resource materials pertaining to academics, research and workshops.

Experiences and expertise in the fields of biotechnology, agrotechnology, bioinformatics, molecular biology, microbiology, Entrepreneurship skill training etc., will be mutually exchanged and would be used for academic purposes and for societal benefits.

Scientists and academicians will deliver guest lectures in areas of their specialization to students on days and timings pre-arranged on mutual consent.

Both the organizations will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.

##### 4.3 Duration and Termination of the MoU

This MoU shall take effect upon signature by the authorities of both parties.

This MoU is valid from the Date of execution by the parties and shall remain in effect for a period of FIVE YEARS with the mutual written agreement of both parties and may be amended at any time by written mutual consent.

Either party may terminate this MoU at any time without liability to the other on prior written notice of three months.

This MoU does not create binding, enforceable obligations against any party and all activities undertaken are subject to the availability of personnel, resources and funds, imposing no financial obligations on either party.

#### Confidentiality, Intellectual Property Rights and Announcements

- 5.1 Each party agrees to maintain full confidentiality of any information disclosed or made available by the other under this MoU. Neither party shall use or disclose the confidential information of the other except to the extent required to enable the performance of this MoU.
- 5.2 Each party agrees to respect the Intellectual Property Rights of the other party. No licenses of Intellectual Property Rights are granted under this MoU and all such rights are reserved to the owning party (and/or its licensors, if applicable).
- 5.3 In this context "confidential information" means any information disclosed by a party to another that has been designated in writing as confidential or that ought to be considered as confidential including information which relates to research outputs, developments, trade secrets and Intellectual Property Rights.

The Memorandum of Understanding (MoU) between Prathyusha Engineering College, and Golden Jubilee Biotech park for Women Society is executed and effective from October 22, 2024

For PRATHYUSHA ENGINEERING COLLEGE

For GOLDEN JUBILEE BIOTECH-PARK FOR WOMEN SOCIETY

Signature : 

Name : Dr. R. S. KUMAR


Designation : PRINCIPAL

Prathyusha Engineering College

An Autonomous Institution

Poonamallee - Tiruvallur High Road,

Aranvuyalkuppam, Tiruvallur-602025.


Signature : 


Name : Dr. D. SUDHAKARAN

Designation : GENERAL MANAGER



In witness thereof

1.  [Dr. R. Balachandran]  
Prof. PSC

2.  [Dr. A. Saravanan]  
B.T. Asso. Prof. - P.E.C

In witness thereof

1.

2.





தமிழ்நாடு தமில்நாடு TAMILNADU

CV 722587

PRATHYUSHA ENGINEERING COLLEGE  
TIRUVALLUR

STAMP VENDOR : 41/3, J.N. Road,  
TIRUVALLUR - 602 001, TAMIL NADU.  
R.C. 5718/D1/2000 Dt. 15.09.2000  
Rs. 100/- Dt. 19.5.23

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 22<sup>nd</sup> October of 2024 at Tiruvallur.

By & Between

Prathyusha Engineering College (An Autonomous Institution) (hereinafter referred as PEC) with its Registrar placed at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602 025. Tamil Nadu, India.

&

ImmuGenix Biosciences Private Limited (hereinafter referred as IGB) with its registered office at 81/53 Nattal Garden 2<sup>nd</sup> Street, Perambur, Chennai - 600 011, Tamil Nadu, India and represented herein by Dr. V. Navcen Kumar, Founder & Managing Director.



&

**IMMUGENIX  
BIOSCIENCES**

PRINCIPAL

Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

IMMUGENIX BIOSCIENCES PVT LTD  
Reg. Off. Add. No. 81/53  
Nattal Garden 2nd Street,  
Perambur, Chennai - 600 011. TN

which requested by either Party. For example, IGB can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties.

During Conferences, Seminars, Symposia and Workshops  
PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
IMMUGENIX BIOSCIENCES PVT LTD  
Reg. Off. Add. No. 81/53  
Nattal Garden 2nd Street,  
Perambur, Chennai - 600 011. TN



## Memorandum of Understanding

In accordance with the mutual desire to promote co-operation between ImmuGenix Biosciences Private Limited situated at 81/53 Nattal Garden 2<sup>nd</sup> Street, Perambur, Chennai - 600 011 and PEC, located at Poonamallee- Tiruvallur Road, Aranvayal Kuppam Village, Aranvayal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

ImmuGenix Biosciences Private Limited (IGB) is Chennai based R&D Company established in 2018 with an aim of simplifying the infectious disease diagnosis in terms of time, cost, and technology. IGB has strong foundation of scientific expertise in the field of Microbiology, Molecular Biology, and Bioinformatics. With potential knowledge and experience in the aforesaid areas, we involve in developing innovative molecular research and diagnostic kits, providing customized services to the researchers as per their needs, and sharing our knowledge to the scientific community through different training programs.

Prathyusha Engineering College (PEC) was established in 2001 with the aim of transforming an individual into a complete man with character and ability committed to national service and development.

The parties realize the benefits of sharing their expertise and enter into the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

### **I. Purpose of the Agreement**

PEC and IGB jointly agree to subscribe to a relationship in order to promote the following activities between the two parties.

The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.
  - 1.1. To facilitate a structured plan for the benefit of staff and students of the department through guest lectures, workshops, training programmes, projects and internships. The sharing of information and knowledge will function under the principles of mutual understanding, common interest and complementary activities.
  - 1.2. Experiences and expertise in the fields of Microbiology, Molecular Biology, Bioinformatics, Genetic Engineering, in vitro diagnostics, CRISPR techniques, Antimicrobial Resistance, and Metagenome.
  - 1.3. Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.
2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, IGB can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties.

PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution

IMMUGENIX BIOSCIENCES PVT LTD  
Reg. Off. Add. No. 81/53  
Nattal Garden 2nd Street,  
Perambur, Chennai - 600 011. TN



organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.

4. Both the parties agree to utilize their Laboratory Instrument facilities when such utilizations don't affect the normal functioning of the other.
5. To take consultancy services.

## II. Term & Termination

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 3 years from the date of signing MoU. The agreement can be renewed for additional 2-year periods by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date

## III. Intellectual Property Rights

Any Intellectual Property Rights that may arise due to the development of any collaborative projects initiated by PEC with IGB may enter into a separate non-Disclosure agreement; signed by both parties concerned before the initiation of the Project.

**For PRATHYUSHA ENGINEERING  
COLLEGE**

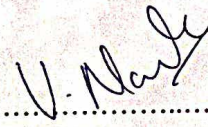
Signature : 

Name : **Dr. R. S. KUMAR**

Designation: **PRINCIPAL**  
Prathyusha Engineering College  
An Autonomous Institution

Witness: Poonamallee - Tiruvallur High Road,  
Aranvuyalkuppam, Tiruvallur-602025.

**For ImmuGenix Biosciences Private  
Limited**

Signature : 

Name : **Dr. V. Nandeen Kumar**

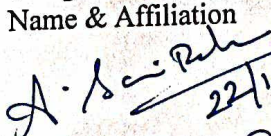
Designation : **FOUNDER and Managing Director**  
ImmuGenix Biosciences Pvt Ltd  
Reg. Off. Add. No. 81/53  
Hauz Khas 2nd Street,  
Perambur, Chennai - 600 011. TN

Witness



**V. SAMYUKTHA**

1. Signature with date  
Name & Affiliation

  
22/10/2024

**Dr. A. Sai RAMESH.**

**Asso. Prof. - Biotech**

**Poonthangudi Engineering College.**

1. Signature with date  
Name & Affiliation





தமிழ்நாடு தமில்நாடு TAMILNADU

CV 722581

PRATHYUSHA ENGINEERING COLLEGE  
TIRUVALLUR

S. JOSEPH

STAMP VENDOR : 41/3, J.N. Road,  
TIRUVALLUR - 602 001, TAMIL NADU.  
R.C. 5718 / D1 / 2000 Dt. 15.09.2000  
Rs. 100 / Dt. 19.05.23

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) was made on the 22<sup>nd</sup> October of 2024 at Tiruvallur.

By & Between

Prathyusha Engineering College (an Autonomous Institution) (hereinafter referred as PEC) with its Registrar placed at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

&

Iswarya Health Private Limited (R&D Unit of Chengene Private Limited) is owned by Dr. K. Veluswamy, Managing Director. The organization is located at Plot No : A 8, Phase - II, 3rd Main Rd, Madras Export Processing Zone, Tambaram, Chennai - 600045, Tamil Nadu.

PRINCIPAL

Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

For ISWARYA HEALTH PRIVATE LIMITED

  
Director

complementary activities.

1.2. The company grants the candidate permission to conduct projects in molecular and microbiology, utilizing the company's equipment. The candidate will be responsible for covering the cost

PRINCIPAL  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.

For ISWARYA HEALTH PRIVATE LIMITED

  
Director



### Memorandum of Understanding

In accordance with the mutual desire to promote cooperation between **Iswarya Health Private Limited, MEPZ**, Tambaram located at A-8, Phase - II, 3rd Main Rd, Madras Export Processing Zone, Chennai, Tamil Nadu 600045.

**Iswarya Health Private Limited** is a private limited company incorporated on 08-December-2023. Its registered office address is Plot. No. A8, Phase 2, MEPZ SEZ, Tambaram, Tambaram, Tamil Nadu, India, 600045. The GST Identification Number of the company is 33AAFCI3579N2Z2. Corporate Identification Number of the company is U86201TN2023PTC165826.

We have an R & D facility with an area of 3500 sq.ft. Nearly 15 scientific personnel are working for different projects. We are conducting our research on the development of Follicle Stimulating Hormones based on rDNA Technology and we are also doing our research on CAR Construct and isolation of T-Cells and NK Cells from cancer patients for the diagnosis based on the cell therapy. As of now we are not involved in any manufacturing but soon we are planning for production to support the IVF Treatments by means of different types of media such as Flushing Media, Gradient Media, PVP Media and Aspiration Media which is used in the procedure of IVF techniques.

**PRATHYUSHA ENGINEERING COLLEGE**, Chennai popularly known as PEC – is a self-financed Telugu Minority Institution managed by Prathyusha Educational Trust, Chennai, approved by AICTE, affiliated to Anna University, with accredited by NBA Programme and a recipient of ISO certification, located 30 kms from Chennai Central Railway Station. The college was conferred with autonomous status from the year 2023-2024. The college was established in the year 2001, to promote engineering education with quality technical knowledge to all the students hailing from not only in and around Chennai, but from various districts in Tamilnadu and from neighbouring states also. This elysium of education, is the vision of the Founder Chairman Shri. P. Raja Rao, the well-known industrialist and philanthropist, to bring world-class education into this sylvan campus.

The parties realize the benefits of sharing their expertise and enter into the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

#### **I. Purpose of the Agreement**

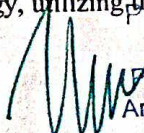
PEC and Iswarya Health Private Limited jointly agree to subscribe to a relationship in order to promote the following activities between the two parties.

The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.

1.1. To facilitate a structured plan for the benefit of staff and students of the department through guest lectures, workshops, training programmes, and internships. The sharing of information and knowledge will function under the principles of mutual understanding, common interest and complementary activities.

1.2. The company grants the candidate permission to conduct projects in molecular and microbiology, utilizing the company's equipment. The candidate will be responsible for covering the cost

  
Principal  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranyouyalkuppam, Tiruvallur-602025.

  
For ISWARYA HEALTH PRIVATE LIMITED  
Director



of reagents. In return, the company will utilize the animal house and cover the expenses for reagents used in the animal house.

- 1.3. Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.
2. Both parties exchange technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, Iswarya Health Private Limited can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientists to be done under mutual convenience of the Parties when such exchanges don't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.
4. Both the parties agree to utilize their Laboratory Instrument facilities without any payments when such utilizations don't affect the normal functioning of the other.
5. To take consultancy services.

## II. Term & Termination

This agreement will be effective on the date it has been designed by both parties, and it will be in effect for a period of 3 years from the date of signing MoU. The agreement can be renewed for additional 3-year periods by mutual consent of the parties to the agreement. Both parties reserve the right to terminate this agreement giving written notice 30 days prior to the proposed termination date.

## III. Intellectual Property Rights

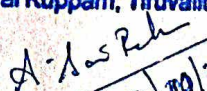
Any Intellectual Property Rights that come about due to the development of any projects initiated by PEC in partnership with Iswarya Health Private Limited the property would be of PEC only and the company has no claim over the same. Research work involving both parties may enter into a separate non-Disclosure agreement; signed by both parties concerned before the initiation of the Project.

For PRATHYUSHA ENGINEERING COLLEGE


Signature : 

**Dr. R. S. KUMAR**  
**B.E., (Hons) M.Tech., (IIT Delhi) Ph.D., FIE**  
Name : Dr. R. S. KUMAR  
**PRATHYUSHA ENGINEERING COLLEGE**  
**AN AUTONOMOUS INSTITUTION**  
Designation : **Poonamallee - Tiruvallur High Road,**  
**Aranvoyal Kuppam, Tiruvallur - 602025**

Witness

  
22/10/24

1. Signature with date  
Name & Affiliation

  
PEC

For Iswarya Health Private Limited

Signature :   
**For ISWARYA HEALTH PRIVATE LIMITED**

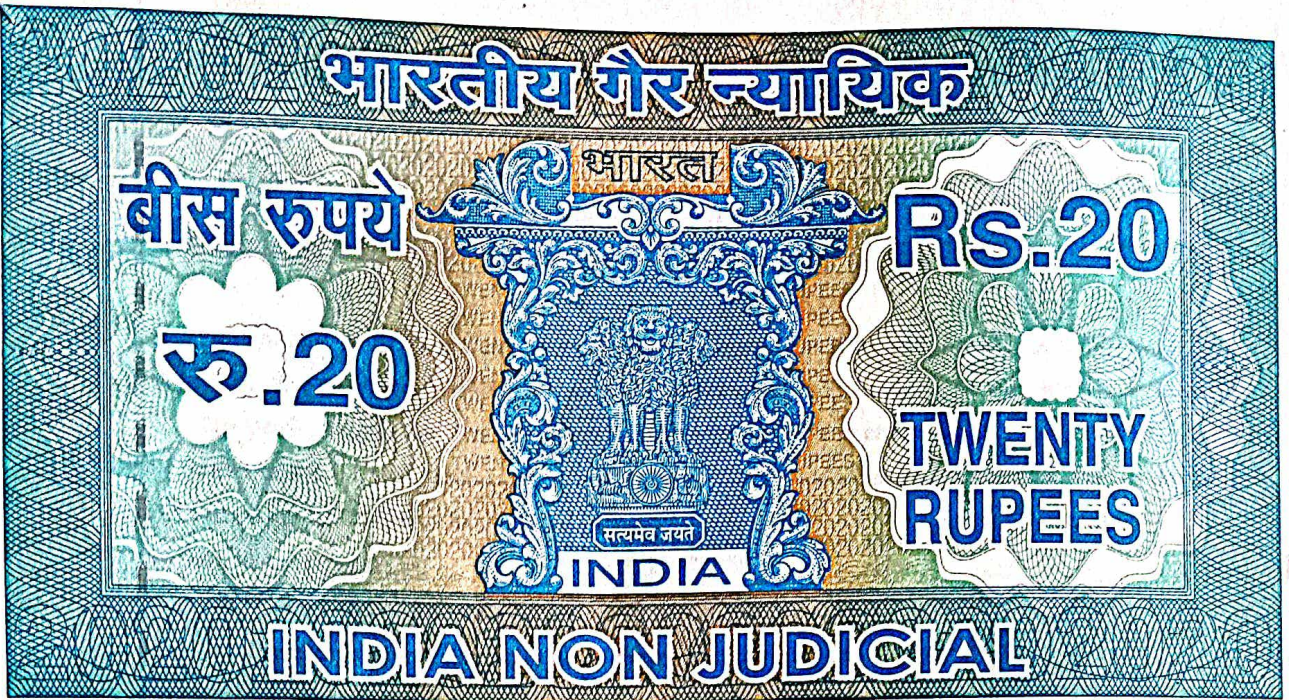
Name : Dr. K. Veluswamy  
Designation : Founder & Managing Director  
(Authorized Signatory)

Witness

  
22/10/24

1. Signature with date  
Name & Affiliation





தமிழ்நாடு தமிலநாடு TAMIL NADU

Prathyusha Engineering College.

12AC 941687

P. SATHISH KUMAR  
STAMP VENDOR

LICENCE No : 776-24/D1/2021

MANAVALANAGAR, Date:.....

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 13<sup>th</sup> August of 2024 at Tiruvallur.

Between

Prathyusha Engineering College (an Autonomous Institution)(hereinafter referred as PEC)  
with its Registrar placed at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village,  
Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

&

Celutron Innovations Private Limited, P.No.1538/2 J Block, 10<sup>th</sup> Street, Anna Nagar,  
Chennai, Tamil Nadu, India and includes its assigns, legal heirs and successors represented by its  
Founder & CEO Dr.Gowthami Jawahar.

### Memorandum of Understanding

In accordance with the mutual desire to promote co-operation Celutron Innovations  
Private Limited situated at P.No.1538/2 J Block, 10<sup>th</sup> Street, Anna Nagar, Chennai and PEC,  
located at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post,  
Tiruvallur Taluk- 602025. Tamil Nadu, India.

PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee- Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur 602025.

*[Signature]*



Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyalkuppam, Tiruvallur-602025.





Celutron Innovations Private Limited works with a vision to help the community by making personalized health care affordable and accessible for the masses.

Prathyusha Engineering College (PEC) was established in 2001 with the aim of transforming an individual into a complete man with character and ability committed to national service and development.

The parties realize the benefits of sharing their expertise and enter into the formal statement of collaboration in the form of memorandum of understanding for the purpose of academic interaction and research activities beneficial to institute and industry.

#### **I. Purpose of the Agreement**

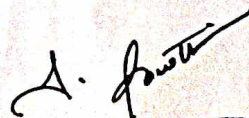
PEC and Celutron Innovations Private Limited jointly agree to subscribe to a relationship in order to promote the following activities between the two parties.

The parties collaborate, cooperate and interact to achieve the following scopes of this MoU.

1. The Parties intend to pursue collaboration on fundamental, academic research, related to Biotechnological applications.
  - 1.1. To facilitate a structured plan for the benefit of staff and students of the department through guest lectures, workshops, training programmes, projects and internships. The sharing of information and knowledge will function under the principles of mutual understanding, common interest and complementary activities.
  - 1.2. Experiences and expertise in the fields of Animal Research, Phytochemistry, Herbal technology, Polymer chemistry, Nanobiotechnology, Plant Tissue Culture techniques, study and application of microorganisms for industrial purposes.
  - 1.3. Both parties will encourage visits and utilization of each other's research and technical facilities as and when required upon mutual consent.
2. Both parties exchange the technical expertise such as experimental procedures, instrumental knowledge and development of new protocols in Fields.
3. Both parties agree to exchange the expertise of their working staff under mutual convenience when requested by either Party. For example, Celutron Innovations Private Limited can request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.
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**PRINCIPAL**  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyaluppam, Tiruvallur-602025.





5. To take consultancy services.

## II. Term & Termination

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## III. Intellectual Property Rights

Any Intellectual Property Rights that come about due to the development of any projects initiated by PEC or Celutron Innovations Private Limited in partnership with PEC would be the property of PEC only and the company has no claim over the same. Research work involving both parties may enter into a separate non-Disclosure agreement; signed by both parties concerned before the initiation of the Project.

For PRATHYUSHA ENGINEERING  
COLLEGE

Signature : .....

Name : Dr. R. S. KUMAR

Designation: PRINCIPAL  
PRINCIPAL

Witness Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranyouyalkuppam, Tiruvallur-602025.

1. Signature with date  
Name & Affiliation

For CELUTRON INNOVATIONS  
PRIVATE LIMITED

Signature : .....

Name : Dr. GOWTHAMI JAWAHAR

Designation : FOUNDER and CEO

Witness

1. Signature with date  
Name & Affiliation







தமிழ்நாடு தமிலநாடு TAMIL NADU

06 JAN 2022

99AB 187780

Prathyusha Engineering College

C. நந்தகோபன்

முத்திரைத்தாள் விற்பனையாளர்  
F.C. No. 6428/D1/2015-L.No. 2/2015/D1  
கவரைத் தெரு. பேரம்பாக்கம்-631 402

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 13<sup>th</sup> August of 2024 at Tiruvallur.

Between

Prathyusha Engineering College (an Autonomous Institution) (hereinafter referred as PEC) with its Registrar placed at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

&

Simbioen Labs and Scientific Services Private Limited, Thiruvotriyur High Road, New Washermenpet, Chennai, Tamil Nadu, India and includes its assigns, legal heirs and successors represented by its Director, Mr. K. K. Prashanth.

### Memorandum of Understanding

In accordance with the mutual desire to promote co-operation between Simbioen Labs and Scientific Services Private Limited situated at NO 710, T.H.Road New washermenpet, Chennai - 600081 and PEC, located at Poonamallee- Tiruvallur Road, Aranvoyal Kuppam Village, Aranvoyal Post, Tiruvallur Taluk- 602025. Tamil Nadu, India.

PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyal Kuppam, Tiruvallur-602025.



+ 41PLH

PRINCIPAL  
Prathyusha Engineering College  
An Autonomous Institution  
Poonamallee - Tiruvallur High Road,  
Aranvoyal Kuppam, Tiruvallur-602025.





Simbioen Labs and Scientific Services Private Limited is a biotechnology start-up established in the year 2017, which aims at providing Pre-clinical Drug Discovery platform based Bio-technical solutions in life-sciences sectors. Services are offered in the field of Bio-analytics, Bio-assays, Journal Editing, Journal Type Formatting and Proof – reading. CRO services are offered in the field of Microbiology, Bioinformatics, Animal Models, Phyto-informatics, Biochemistry, Phytochemistry, Enzymology Genetic Engineering, Histopathology, Mammalian Cell culture and Molecular biology. Animal studies have been extensively conducted in in-house pre-clinical drug discovery facilities. State-of-the-art zebrafish facility provides an efficient and cost-effective platform for high-throughput screening, drug discovery, and toxicology assessments, enabling rapid generation of robust data.

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**PRINCIPAL**  
Prathyusha Engineering College  
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Poonamallee • Tiruvallur High Road,  
Aranyakuppam, Tiruvallur-602025.





request to utilize the expertise of PEC faculty for their technical events. However, exchange of faculties or scientist to be done under mutual convenience of the Parties when such exchanges doesn't affect the normal functioning of the Parties. During Conferences, Seminars, Symposia and Workshops organized by either Party, above mentioned exchange of faculty may avail with mutual concerns.

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For PRATHYUSHA ENGINEERING  
COLLEGE

Signature : .....

Name : Dr. R. S. KUMAR

Designation: PRINCIPAL

Witness

1. Signature with date  
Name & Affiliation

For SIMBIOEN LABS AND SCIENTIFIC  
SERVICES PRIVATE LIMITED

Signature : .....

Name : Mr. PRASHANTH. K.K

Designation : FOUNDER and CEO

Witness

1. Signature with date  
Name & Affiliation

