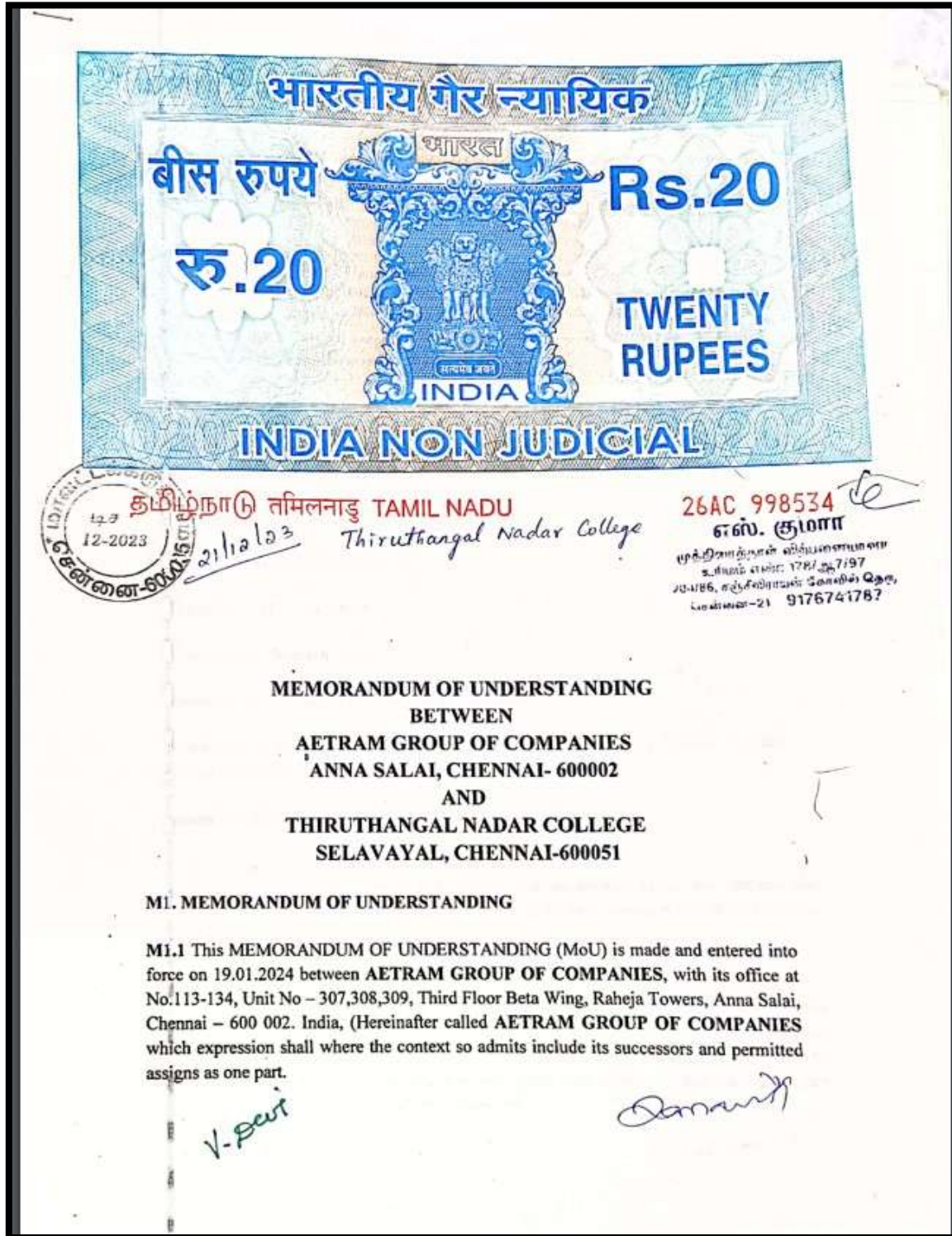


AETRAM GROUP OF COMPANIES



M1.2. THIRUTHANGAL NADAR COLLEGE located at Selavayal, Chennai 51, represented by The Principal, hereinafter referred to as **the THIRUTHANGAL NADAR COLLEGE**, which expression shall include its successors, legal heirs and assigns on the other part.

M.2.1 AETRAM GROUP OF COMPANIES - COMPANY PROFILE

Domain of expertise : Investment Management, Portfolio Management, Bullion Trader, Business Setup, Software Development, HR Services, Imports & Exports, in both hemispheres of the globe. Transitioned a broking house to become a Fin-tech company and designed and lunged various financial product.

Website: www.aetramgroups.com

Industry: Information Technology, Bullion Trader, Business Setup, Imports & Exports, Investment Management.

Company size: 25 CR

Headquarters: CHENNAI, INDIA

Type: PVT LTD COMPANY

Year of Establishment: 2012

Founder: Mr. DINESHKUMAR GURUSAMI

Specialties: Commodities, Currency Trading, Equities, Derivative Trading, Mutual Fund Distribution, Insurance.,

Locations: India, Dubai, Mauritius, US, Sri Lanka.

Our Vision

Our prime vision is to enhance a financially literate society. Using our updated and streamlined platforms, AETRAM enables our customers to access a wealth of financial, business, and other trade services.

Our Values and Principles

We make sure to expand globally our financial services that are optimized with their licensed strategies and methods. Our approach emphasizes collaboration, transparency, and customer focus, supported by open communication that eliminates hierarchies. Our values uphold every individual has their own space with experience that motivates them to grow and lead a promising career themselves

V. Devi



M2.2 THIRUTHANGAL NADAR COLLEGE, established in the year 1997 as a college for men was upgraded as a co-educational institution in 2002 to cater to the needs of women in North Chennai thus empowering them. It is a Self-Financing institution affiliated to the University of Madras. It was instituted by the magnanimous members of Chennaivazh Thiruthangal Hindu Nadar Uravinmurai Dharma Fund with a deep sense of generosity and compassion to the under-privileged student community. The benevolent members of the management have extended their exemplary services in the field of education with an exuberant spirit of facilitating and providing wider opportunities to the youth from different backgrounds. The motto of the institution "**Knowledge is Power**" is pre-eminently enshrined to ignite and enlighten the minds of the youngsters through education by dispelling the darkness of ignorance. The committed services of the members of the management in-line with the dynamic governance and strong skills of leadership have lead to the establishment of a school and college to cater to the needs of the students. The primary **vision** of the college is to disseminate knowledge and foster in our students positive and critical thinking besides intellectual skills to become empowered beings. The **mission** is to provide quality and need-based education to students with facilities of higher education.

M.3 MoU between AETRAM GROUP OF COMPANIES and THIRUTHANGAL NADAR COLLEGE.

After studying the strengths and objectives, mutually **AETRAM GROUP OF COMAPNIES** and **THIRUTHANGAL NADAR COLLEGE**, agreed that they can share the expertise available at both ends for mutual benefits in the field of Placement, Internship, Industrial visit, Training, Scientific and Industrial research and enter in MoU. Based on the discussion held among the faculty of the **SCHOOL OF COMMERCE- DEPARTMENT OF ACCOUNTING & FINANCE** certain thematic areas/programs have been identified for mutual collaboration.

The Memorandum of Understanding envisages the following:

M.3.1 Collaborative technical and development activities in the fields of education and training are listed below.

The following activities will be carried out between **AETRAM GROUP OF COMPANIES** and the **SCHOOL OF COMMERCE- DEPARTMENT OF ACCOUNTING & FINANCE**.

- a) Internship cum Placement opportunities
- b) Seminars/Workshop on recent developments in the field of Commerce, Accounts & Finance.

V. Deiv



- c) Imparting on training to faculty in selected areas. Providing opportunity to students to work with the technology available at **AETRAM GROUP OF COMPANIES**
- d) Resource Sharing.
- e) To do research and development work.

M.3.2 Industrial Training and visits for the students to be carried out at **AETRAM GROUP OF COMPANIES**, if the training projects and infra- structure facilities available at **AETRAM GROUP OF COMPANIES**, fits the requirement of the students of **SCHOOL OF COMMERCE- DEPARTMENT OF ACCOUNTING & FINANCE, Selavayal, Chennai-51.**

M.3.3. **AETRAM GROUP OF COMPANIES** will actively engage to help the delivery of the training and placement of the students of the **THIRUTHANGAL NADAR COLLEGE** based on technology trends and inhouse requirements.

M.3.4 Organizing conferences, Seminars, Workshop and refresher courses for the students as collaborative effort on technology trends in curriculum aspects at either **AETRAM GROUP OF COMPANIES** or at **THIRUTHANGAL NADAR COLLEGE, SELAVAYAL, CHENNAI.**

M.3.5 There is no financial commitment on the part of the **THIRUTHANGAL NADAR COLLEGE**, the **AETRAM GROUP OF COMPANIES** to take up any programs mentioned in the MoU.

M.4 AMENDMENTS

No amendment or modification of the MOU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MOU. The modification/changes shall be effective from the date on which they are made or executed, unless otherwise agree to.

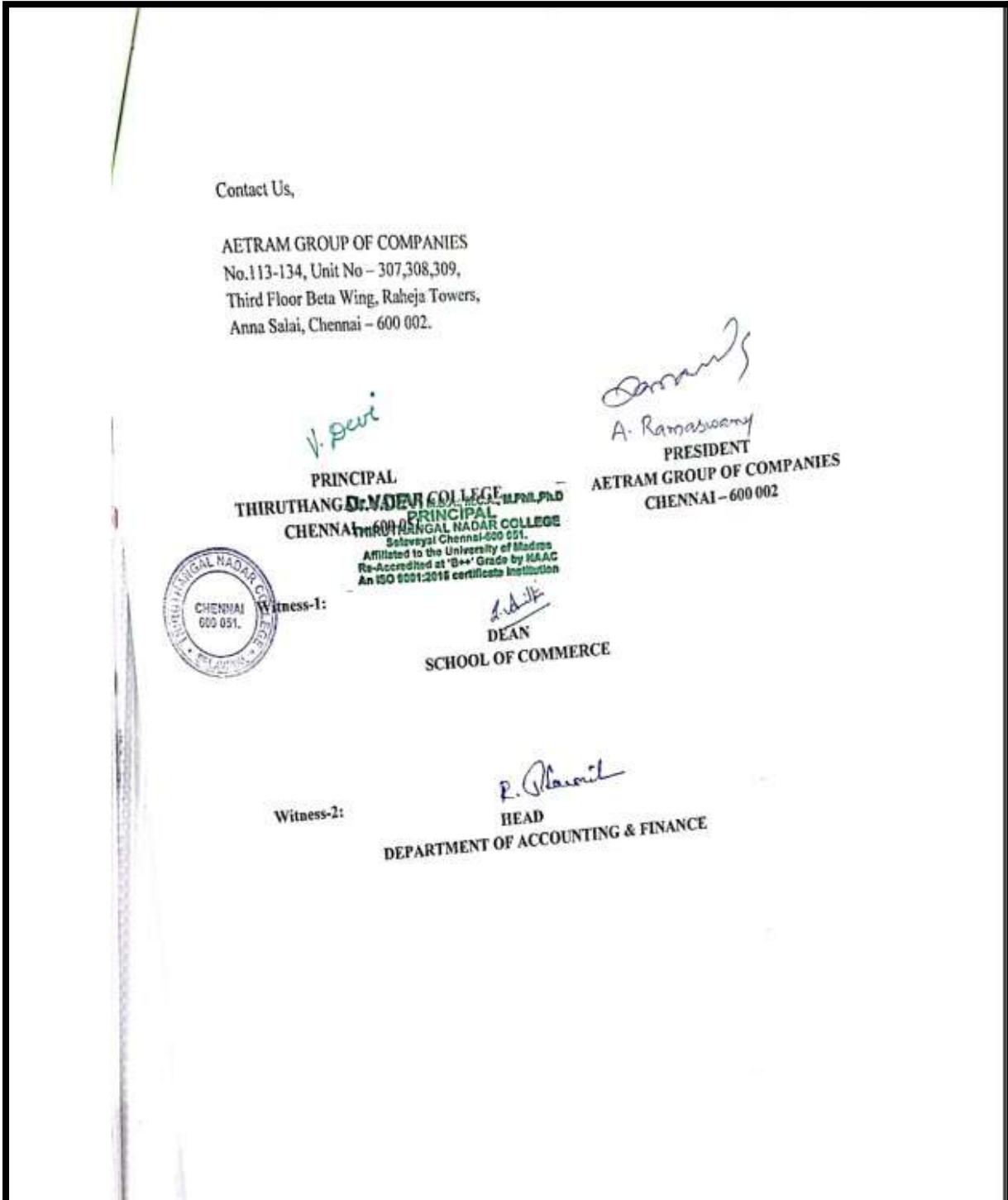
M.5 DURATION OF MOU

The duration of this MOU shall be for **TWO YEARS** from the date of signing of the MOU. This Agreement will be valid until it is expressly terminated by either party on mutually agreed terms, during which period the Second Part will be in effect.


IN WITNESS OF THE UNDERSIGNED, duly authorized there to, have signed this Memorandum of Understanding on 19.01.2024 in two originals.

V. Devi





STATE INSTITUTE OF RURAL DEVELOPMENT & PANCHAYAT RAJ



02/11/23

தமிழ்நாடு TAMIL NADU
THIRUTHANGAL NADAR COLLEGE

25AC 740797
ச.நா. (சுயமார்)

முத்தியகத்தரன் விநியோகஸ்தர்
உ.மலர் எண்: 1781, 257197
202/86, சதுரங்கலாசர் சாலை, சென்னை
சென்னை-21 9176741787

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

State Institute of Rural Development & Panchayat Raj - Tamil Nadu, Chennai

And

Thiruthangal Nadar College
(Affiliated to Madras University)
Chennai - 600051

This Memorandum of Understanding (MoU) is made and executed at Selavayal, Chennai-600051 on this date 5th January of the year 2024 between State Institute of Rural Development (here in after called SIRD&PR), a statutory body of Government of Tamil Nadu, having its registered office at Maraimalai Nagar, Chennai (which expression shall, where the context so admits, be deemed to include its executors, administrators and assigns) be the First Party.

V. Peri

And

Thiruthangal Nadar College an Educational Institution, providing and imparting Education to Under Graduate, Post Graduation and Certificate courses, having its office at Selavayal, Chennai- 600051, represented by its Principal and authorized signatory **Dr. V. Devi**. (Which expression shall, where the context so admits, be deemed to include its executors, administrators and assigns) be the **Second Party** or the **Participating Institution (PI)**.

Both Parties have reached the following intent to collaborate as per below described articles of this MOU.

PURPOSE of MoU:

The MoU is aimed at collaborating on the Unnat Bharat Abhiyan (UBA) program implemented by the First party. The second party (PI) will work as a partner in this development intervention to achieve the goals of locally achieving the sustainable development (LSDG).

Now therefore the parties hereto have agreed to enter into a memorandum of understanding considering the long term benefits of sharing the knowledge and resources of the PIs and establish collaboration, by undertaking joint responsibilities and activities in their respective field of excellence, resources, knowledge and expertise.

AREAS OF COLLABORATION

The parties hereby agree to work collaboratively on following points for the effective and efficient engagement by fulfilling the purpose of this MoU. The mutually agreed activities by and between the parties are asunder:

A. The second party (PI) will mobilise the students as part of its academic social responsibility (ASR) to engage with rural communities and PR institutions for the UBA facilitation. This will be done by creating suitable groups of students from different disciplines of studies to fit into the thematic areas. It will be ideal if students from the same panchayat can be included in the group. These student groups shall be guided by the academic staff to carry out the grass-root level interactions and development interventions. These groups can be also suitably named for identification and visibility of their rural development engagements (For eg. GP Development Corps).

B. The second party (PI) will leverage its internal resources from different departments viz knowledge of sustainable development by establishing a multidisciplinary group (involving different departments and faculties for different action domains) within the institution to engage in the rural development activities by identifying the panchayats and create an enabling eco-system for the last mile delivery of development. This eco-system shall be hybrid in nature that it will enable to create values by leveraging the low/no cost activities among the communities. It is expected that at least 10 no/low cost activities are identified per theme and included in the panchayat plan every year and implement it to establish the momentum of self development.

C. The second party (PI) will mobilise the community in identified panchayats by the help of its team of faculties and students to sensitise the scope and options of sustainable development and capacitate them in achieving the development goals.

D. The second party (PI) will prepare Gram Panchayat Development Plans (GPDP) of the identified village panchayats involving the panchayat administration and the local communities. This will involve the assessment of development potential of the panchayat, actual level of development currently and the gaps to be filled. It further envisages to prepare a detailed document as per the prescribed format covering the chapters in detail and coordinate for its approval from gram sabha and subsequently to handhold in implementing the approved plan.

E. The second party (PI) will associate with the identified panchayats in implementing the GPDP by imparting necessary skills, capacities and establish sustainable linkages in achieving the goals in the 9 themes. The nine intervention themes for the second party (PI) to work in a systematic and prioritised manner to bring in sustainable development at local level are

1. Poverty free/enhanced livelihood
2. Healthy Village
3. Child friendly village
4. Water sufficient village
5. Clean and Green village
6. Self sufficient infrastructure
7. Socially secured village
8. Village with good governance and
9. Engendered development

F. The second party (PI) will document and show case the development outcomes enabled by their planning and handholding of its implementation in the respective panchayats by using appropriate media and technologies.


G. The first party will pay the second party (PI) an amount of Rs.20,000 (Rupees Twenty Thousand Only) for a year per village panchayat. 50 percent of this amount will be released after the PI identifies the village panchayats to work with and submit a preliminary report of its strength and capacities in carrying out the said functions in the selected locations and getting the concurrence of the village panchayats to collaborate in the program. The second instalment of 50 percent will be released after the plan is prepared by incorporating the priority interventions covering the nine themes in the form of low cost/no cost activities to be carried out and started its implementation after approval by the gram sabha and its uploading in the designated web portal.

H. The list of village panchayats the PI has identified to work with are as follows.

1. Arumandai
2. Thirunilai
3. Perungavur
4. Mafaskanpet
5. Gnayaru

V. Devi

HETROGENEBIOTECH PRIVATE LIMITED



கமலநாத் தமிலநாடு TAMIL NADU
 12-2023 21/12/23 Thiruthangal Nadar college

26AC 998536
 எஸ். குமாரா
 முத்தியானந்தா சிவசுப்பிரமணியன்
 உரிமை எண்: 1701.35 7197
 104/85, எத்தியேசுவரன் சாலை சிவ சந்திரன்,
 ஸெலவயால்-21 9176741787

MEMORANDUM OF UNDERSTANDING

BETWEEN

THIRUTHANGAL NADAR COLLEGE, SELAVAYAL, CHENNAI-51
AND
HETROGENEBIOTECH PRIVATE LIMITED, CHENNAI-08

M1. MEMORANDUM OF UNDERSTANDING

M1.1 THIRUTHANGAL NADAR COLLEGE located at Selavayal, Chennai - 51, represented by The Principal, hereinafter referred to as **the THIRUTHANGAL NADAR COLLEGE**, which expression shall include its successors, legal heirs and assigns as one part.

M1.2 This MEMORANDUM OF UNDERSTANDING (MoU) is made and entered into force this **08/02/2024** between **HETROGENEBIOTECH PRIVATE LIMITED**, having its office at T4, Third Floor, Sindur Pantheon Plaza, 346, Pantheon Rd, opp. to Co-optex, Egmore, Chennai, Tamil Nadu, India, (Hereinafter called **HETROGENEBIOTECH PRIVATE LIMITED** which expression shall where the context so admits include its successors and permitted assigns) on the other part.

[Handwritten signatures]

M.2.1 THIRUTHANGAL NADAR COLLEGE, established in the year 1997 as a college for men was upgraded as a co-educational institution in 2002 to cater to the needs of women in North Chennai thus empowering them. It is a Self-Financing institution affiliated to the University of Madras. It was instituted by the magnanimous members of Chennaivazh Thiruthangal Hindu Nadar Uravinmurai Dharma Fund with a deep sense of generosity and compassion to the under-privileged student community. The benevolent members of the management have extended their exemplary services in the field of education with an exuberant spirit of facilitating and providing wider opportunities to the youth from different backgrounds. The motto of the institution "Knowledge is Power" is pre-eminently enshrined to ignite and enlighten the minds of the youngsters through education by dispelling the darkness of ignorance. The committed services of the members of the management in-line with the dynamic governance and strong skills of leadership have lead to the establishment of a school and college to cater to the needs of the students. The primary vision of the college is to disseminate knowledge and foster in our students positive and critical thinking besides intellectual skills to become empowered beings. The mission is to provide quality and need-based education to students with facilities of higher education.

M.2.2 HETROGENEBIOTECH PRIVATE LIMITED- COMPANY PROFILE

About Us

Hetrogenebiotech Private Limited is committed to creating a globally competitive Biotech ecosystem in India and equips life science graduates with advanced proficiency in learning and cumulative industrial exposure by developing technical skills to build and enhanced career in the Biotech industries. It is involved in Research and experimental development on Life sciences and also manufacturing IVD Products and Biochemical reagents.

Domain of expertise: Biotechnology, Microbiology, Molecular Biology and Manufacturing IVD Products & Biochemical reagents.

Website

<https://www.hetrogenebiotech.com/>

Industry

Biotech

Company size

50-100 employees

Headquarters

Chennai, Tamil Nadu

Type

Private Limited

Founded

2022



V-Devi

Specialities

Agarose, RNA spin columns, DNA spin columns, triazole reagent, magnetic stand, DNase 1, taq DNA polymerase with 10xmg+2 buffer, reverse transcriptase hi-fidelity, reverse transcriptase M MLV, RNase A, magnetic beads, carrier RNA qia-shredder like columns, blood DNA extraction kit, plant DNA extraction kit, plasmid DNA extraction kit, insect DNA extraction kit, DNA gel extraction kit, DNA purification kit, bacterial extraction kit, tissue DNA extraction kit, proteinase K, etc.

Location

346, Pantheon Rd, T4, Third Floor, Sindur Pantheon Plaza, Egmore, Chennai-08

Our Vision

Hetrogenebiotech Private Limited Visions for empower life science graduates, with advanced proficiency in learning and cumulative industrial exposure by developing technical skills to build an enhanced career in the biotech industry.

Our Values and Principles

- To offer various internship programs
- To develop an advanced theoretical knowledge and practical experience of modern molecular biology approaches to emerging biotechnologies.
- Advanced proficiency in learning and cumulative industrial exposure
- To build an enhanced career and skill in the biotech industry.
- To serve the scientific community and mankind by providing good quality and customer satisfaction.

M.3 MoU between THIRUTHANGAL NADAR COLLEGE, Selavayal and HETROGENEBIOTECH PRIVATE LIMITED, CHENNAI After studying the strengths and objectives, **THIRUTHANGAL NADAR COLLEGE, HETROGENEBIOTECH PRIVATE LIMITED**, and, agreed that they can share the expertise available at both ends for mutual benefits in the field of Internship, Industrial Visit, training, scientific and industrial research and enter in MoU. Based on the discussion held among the faculty of the **SCHOOL OF SCIENCE- DEPARTMENT OF PLANT BIOLOGY & PLANT BIOTECHNOLOGY** certain thematic areas/programmes have been identified for mutual collaboration.



The Memorandum of Understanding envisages the following:

M.3.1 Collaborative technical and development activities in the fields of education and training are listed below. The following activities will be carried out between SCHOOL OF SCIENCE- DEPARTMENT OF PLANT BIOLOGY & PLANT BIOTECHNOLOGY and the HETROGENEBIOTECH PRIVATE LIMITED.

- a) Internship opportunities
- b) Workshop on recent developments in the field of Life sciences.
- c) Imparting on training to faculty on selected areas. Providing opportunity to students to work with the technology available at **HETROGENEBIOTECH PRIVATE LIMITED**
- d) Resource Sharing.
- e) To do research and development work.

M.3.2 Industrial visits and project work for the students to be carried out at HETROGENEBIOTECH PRIVATE LIMITED, if the training projects and infrastructure facilities available at HETROGENEBIOTECH PRIVATE LIMITED, fits the requirement of the students of SCHOOL OF SCIENCE- DEPARTMENT OF PLANT BIOLOGY & PLANT BIOTECHNOLOGY, SELAVAYAL, CHENNAI-51.

M.3.3. THIRUTHANGAL NADAR COLLEGE and HETROGENEBIOTECH PRIVATE LIMITED shall share facilities such as computers, sophisticated equipment, instrument etc and library facilities according to rules and regulations of each institution.

M.3.4 Organizing conferences, Seminars, Symposia, Workshop and refresher courses for the students as collaborative effort at either THIRUTHANGAL NADAR COLLEGE, SELAVAYAL, CHENNAI or at HETROGENEBIOTECH PRIVATE LIMITED

M.4 AMENDMENTS

No amendment or modification of the MOU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be an amendment of this MOU. The modification/changes shall be effective from the date on which they are made or executed, unless otherwise agree to.

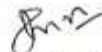
M.5 DURATION OF MOU

The duration of this MOU shall be for **2 YEARS** from the date of signing of the MOU. The MOU shall stand renewed automatically unless desired otherwise by either party.

IN WITNESS OF THE UNDERSIGNED, duly authorized there to, have signed this memorandum of understanding on **08/02/2024** in two originals.



Contact Us,
Hetrogenebiotech Private Limited
346, Pantheon Rd,
T4, Third Floor, Sindur Pantheon Plaza,
Egmore, Chennai-600008
Mobile: +91 9043777990

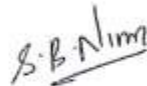


DIRECTOR
HETROGENEBIOTECH PRIVATE LIMITED
CHENNAI – 600 008



PRINCIPAL
THIRUTHANGAL NADAR COLLEGE
CHENNAI – 600 051

Witness-1:



DEAN
SCHOOL OF SCIENCE

Dr.V.DEVI M.B.A., M.C.A., M.PHIL, P.H.D
PRINCIPAL
THIRUTHANGAL NADAR COLLEGE
Selavoyal Chennai-600 051.
Affiliated to the University of Madras
Re-Accredited at 'B++' Grade by NAAC
An ISO 9001:2015 certificate Institution

Witness-2:



HEAD
DEPARTMENT OF PLANT BIOLOGY & PLANT BIOTECHNOLOGY