

PRATHYUSHA ENGINEERING COLLEGE

DEPARTMENT OF BIOTECHNOLOGY – MOU

Year	MOU signed with	Date of signing MOU	Duration	Renewal
2021-22	Xerion Labs Health care Solutions Pvt. Ltd, Chengalpattu	29.10.2021	5	30.10.2026
	Viswaksena Foundation (Social welfare Public Charitable trust), Chennai	24.03.2022	5	25.03.2027
	Dynamiq Engineering Research Centre (DERC), Chennai	24.03.2022	5	25.03.2027
	MASS BIOTECH, 127, Thilagar Nagar, Kanthalur village, Chengalpattu, Tamil Nadu	21.04.2022	5	22.04.2027
	Bintegrate Research Solutions LLB, Chennai, Tamil Nadu- 600 043	27.04.2022	5	28.04.2027



Approved by AICTE & Affiliated to Anna University, NAAC Accredited "A" Grade, National Board of Accreditation (NBA) Institution

Memorandum of understanding

The memorandum of understanding is reached between Xerion Labs Healthcare Solutions PVT.LTD, Chengalpattu, Tamilnadu, India (hereafter called as first party) Department of Biotechnology, Prathyusha Engineering College, Aranvoyal Kuppam, Thiruvallur, Tamilnadu (hereafter called as second party). The memorandum of understanding (MOU) is signed by both the parties to promote the welfare of the student community.

- 1) The first party agrees to permit the students of second party to visit the lab operation with prior written permission and acceptance.
- 2) The first party also agrees to accept a batch of maximum of five students to do the final semester industrial project at the premises of the first party for the period of two to three months starting from the academic year at suitable cost. During training and project period, the student shall make their own arrangements for their lodging and boarding requirements.
- 3) The first party also agrees to permit the industrial experts working in it s concern to share their expertise with students and faculty to the second party. The venue of the lecture, date, time, and mode of travel will be finalized mutually.
- 4) The second party shall be in the list of institutions where Xerion Labs Healthcare Solutions PVT.LTD, Chengalpattu, Tamilnadu, India carries out campus recruitments.
- 5) The first party also agrees to share the research facilities including the sophisticated instrumentation facilities in various research laboratories. The accessibility of the instruments may be given under strict supervision.
- 6) The first party also agrees to undertake any collaborative funded projects under the academic experts working for the second party. The sharing of the work may be done on mutual agreement.
- 7) The MOU is a mutual agreement between both the parties and has no legal binding. The MOU is valid for a period of minimum five years and could be renewed on mutual consent.

College Campus: Tiruvallur Road, Aranvoyal Kuppam, Chennai - 602 025. Tamilnadu. Tel: 044-3767 3767, Fax: +91-44-3767 3703

Email: admin@prathyusha.edu.in / principal@prathyusha.edu.in Website: www.prathyusha.edu.in

Both the parties signed in the agreement for the above.

For: Xerion Labs Healthcare Solutions PVT.LTD

For: Dept.of Biotechnology, PEC

Head-BT

Director

us : 111 admin@prathyusha.edu.in / principal@prathyusha.edu.in Email : admin@prathyusha.edu.in

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2021-2022

Viswaksena Foundation



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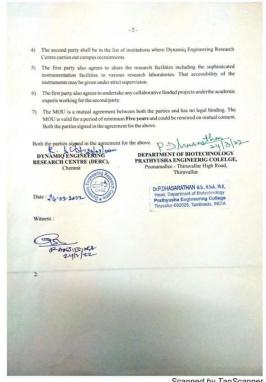


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2021-2022 **Dynamiq Engineering Research Centre (DERC)**

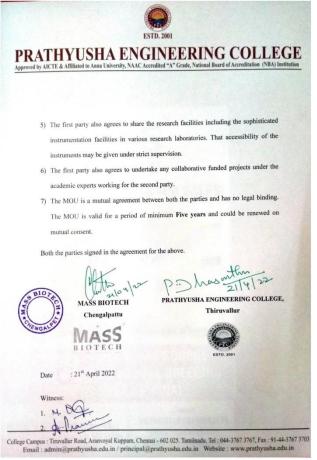


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2021-2022 MASS BIOTECH



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PRATHYUSHA ENGINEERING COLLEGE Approved by AICTE & Affiliated to Anna Histories, NAC Associated BY STATE AND COLLEGE

Memorandum of understanding

The memorandum of understanding is reached between MASS BIOTECH, 127, Thilagar Nagar, Kanthalur, village, Chengalpattu, Tamil Nadu 603002 (hereafter called as first party) and Head of the Department, DEPARTMENT OF BIOTECHNOLGY, Prathyusha Engineering College, Poonamallee – Thiruvallur high road, Thiruvallur - 602025, Tamil Nadu (hereafter called as second party). The memorandum of understanding (MOU) is signed by both the parties to promote the welfare of the student community.

- The first party agrees to permit the student of second party to visit the facility and participate workshop, internship etc., with prior written permission and acceptance.
- 2) The first party also agrees to accept a batch of maximum of five students to do the final semester industrial project at the premises of the first party for the period of two to three months starting from the calendar year 2022-23 at suitable cost. During training and project period, the student shall make their own arrangements for their lodging and boarding requirements.
- 3) The first party also agrees to permit the industrial experts working in its concern to share their expertise with students and faculty to the second party. The venue of the lecture, date, time, and mode of travel will be finalized mutually.
- The second party shall be in the list of institutions where MASS BIOTCH carries out campus recruitments.

College Campus: Tiruvallur Road, Aranvoyal Kuppam, Chennai - 602 025. Tamiinadu. Tel: 044-3767 3767, Fax: 91-44-3767 3703
Email: admin@prathyusha.edu.in / principal@prathyusha.edu.in Website: www.prathyusha.edu.in

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2021-2022 BINTEGRATE RESEARCH SOLUTIONS LLB



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Dr. Sewall Ghosh and Dr. S. K. M. Habeeb having their office at Pallavaram, Chennal hereimafter called the first party.

And

The Department of Biotechnology, PRATHYUSHA ENGINEERING COLLECE, Thiruvallur, Tamil Nadu, 46/2023, which is affiliated to the Anna University, Chennal hereinafter called the second party.

Party 1

Bintegrate Research Solutions LLP., is a start-up launched with a vision to engage in research and development by integrating bioinformatics and computational biology with other biological sciences. Biritegrate Research Solutions thrives to inculeate the habit of crossplatform and multi-disciplinary attitude among the scientific community leading to solving a range of problems related to medicine, healthcare, agriculture, and others.

Bintegrate Research Solutions is the brainchild of its visionary founders and friends Dr. S. K. M. Habeeb and Dr. Sewall Ghosh, who have excellent proven expertise in diverse bioinformatics areas. Bintegrate Research Solutions is registered in Goalpara, Assam, and operates from its principal office at Pallavaram in Chennal.

Bintegrate Research Solutions came into existence in June 2021 with an aspiration to bridge the gap between rural and urban students' understanding of bioinformatics research. The current landscape has made it difficult for the students and researchers from smaller cities/regions to access the latest relevant fields. It is either due to unawareness of modern concepts or lack of access to quality institutes that impart innovative and integrative thinking. We aim to capitalize on the advantage of this field and have the vision to reach the different parts of our country.

Our emphasis is on quality bioinformatics data analysis by providing on-site, off-site, and virtual training and research solutions in genomic data analysis, computer-aided drug discovery, and systems biology to the students, researchers, and faculty. We encourage innovative young minds to develop their deem projects and ideas to come true by providing scholarly guidance, faci

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Party :

Prathyusha Engineering College, Chennai popularly known as PEC – is a self-financed Institution managed by Prathyusha Educational Trust, Chennai, approved by AlCTE, affiliated to Anna University, accredited by NBA and a recipient of ISO certification. 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.

The Department of Biotechnology was started in 2001 and is offering B.Tech (Biotechnology) programme since 2002 and M.Tech(Biotechnology) programme since 2019. The department has the objective to impart technical education and training in the broader area of Biotechnology to the aspiring students and make them skillful and employable by imparting technical skills required by the life science industries.

The Department is equipped with the state-of-the-art laboratories and has nearly 150 UG, 20 PG students and 15 faculty members. The department was approved by AICTE (732-52-394, EYET/2001 dated: 30.08.2001) and permanently affiliated to Anna University (Lr.Nc-467/CAI/Permanent Affin/2014-15 dt.18.11.14) and accreditated with National Board of Accreditation(NBA), New Delhi.

In the present changing technological advancement in biotechnology arena, B.Tech&M.Tech Biotechnology programme is designed to prepare the students for successful professional careers in this cutting-edge area. This is a challenging task as it involves teaching diversified subjects in both biology and engineering.

Joint Responsibilities of Bintegrate Research Solutions, Pallavaram, Chennai, and Department of Biotechnology, Prathyusha Engineering College, Chennai, Tamil Nadu.

- > Encourage direct contact and collaboration between our faculty.
- Collaborate in organizing academic seminars/conferences/workshops/symposiums on issues of mutual consent.
- Exchange information, including, but not limited to, academic materials, research publications, and collaborate in writing and publishing wherever possible.
- > Promote teaching, research, and learning activities.
- Bintegrate Research Solutionsand the Department of Prathyusha Engineering College may share laboratory equipment, library resources, databases, etc.
- > Collaborate in organizing training/projects to develop young scientists and research
- Collaborative research works will be carried out by integrating bioinformatics and computational biology inbiotechnology and related areas.
- Bintegrate Research Solutions can train the Department of Biotechnology, Prathyusha Engineering College students through summer internships, academic research projects,

Bintegrate Research Solutionsand the Department of Biotechnology, Prathyusha Engineering College, agree to provide bioinformatics and applied biotechnology-based research techniques with applicablefees as accepted by both parties.

Enhancing scientific temper among the college students through imparting sciencebased on research and education.

Collaborate in giving training on small-scale industries, connected explicitly with macro and micro biomedical-based products.

Bintegrate Research Solutions, Chennai, and the Department of Biotechnology, Prathyusha Engineering College, agree to submit joint proposals to Indian and abroad funding agencies for collaborative research.

Any legal implications will be confirmed to Chennai division only.

The parties have signed this Memorandum of Understanding of the said month and year first hereinabove written. This Memorandum of Understanding is signed on this day 37 04/22 at Chennai between Bintegrate Research Solutions, Chennai and the Department of Biotechnology, Prathyusha Engineering College, Thiruvallur.

For and on behalf of Biotechnology, Prathyusha Engineering College, Thiruvallur.

Bintegrate Research Solutions, Chennai.

Date: 3104/2022—

Place: Chennai.

Date: 3104/2022—
Place: Chennai.

Witness: [W. THAMPA WY COLUMN]
ASSO. By incom

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workshops, certificate courses, and summer training programs at a fee mutually agreeable to the students and the stakeholders.