



தமிழ்நாடு தமில்நாடு TAMILNADU
8 NOV 2022

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N. AISHWARYA, B.E.,
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TRICHY-T. Nadu.

MEMORANDUM OF UNDERSTANDING

Dated 18th November 2022

Between the

PG & RESEARCH DEPARTMENT OF BIOTECHNOLOGY & MICROBIOLOGY OF
NATIONAL COLLEGE (AUTONOMOUS), TIRUCHIRAPPALLI, INDIA

and

DHANAJEEVAM LIFESCIENCES, COIMBATORE, INDIA

This memorandum of understanding between the Department of Biotechnology & Microbiology, National College (Autonomous), Tiruchirappalli, and Dhanajeevam Lifesciences, Coimbatore, India is intended to facilitate a collaborative research and training, institutional development, information dissemination exchange of faculty and students. The linkage hereby formed shall henceforth benefit / contribute each partner institution's objectives / mandate.

About PG & Research Department of Biotechnology & Microbiology of NATIONAL COLLEGE (Autonomous), Tiruchirappalli.

The PG & Research Department of Biotechnology and Microbiology of National College (Autonomous) was established in the year 2011 to offer M.Sc Biotechnology and later came to

be known as the Department of Biotechnology & Microbiology to offer B.Sc. Biotechnology and B.Sc. Microbiology in the College. The Department has been recognized by the DBT, New Delhi under the STAR COLLEGE Scheme and PG-Teaching Scheme to offer MSc Biotechnology Programme and received grants from various funding agencies like UGC, MoES, DST, SERB, DBT etc. for research projects and schemes. National College is **Nationally Accredited at 'A+' Grade by NAAC** and is an institution with long history and reputation for its high academic standards and commitment, having their campus at Dindigul Road, Karumandapam, Tiruchirappalli and represented by its Principal **Dr. R. Sundararaman**, hereinafter called as **1ST PARTY**.

Dhanajeevam Life Sciences henceforth called as DJLS is a competent center for industries, providing testing and R&D solutions to clients in the field of Medical Devices. Established in 2019, DJLS has become a trusted center for product validation in compliance with International standard requirements. DJLS is proud of its leading, highly experienced Professional team dedicated to provide R&D testing solutions under one roof. DJLS solutions including clean room, product validation on microbiology, protocol validation, trial and implementation for Class I, II & III medical devices as per USFDA, EU, CE and IS. Based on the decision of the expert team, DJLS extends services in the area of R&D for the development of ease and rapid detection of bioburden assessment of finished product. DJLS supporting industries to develop a rapid testing KITs for quality screening involving the high throughput research development and validation strategies. DJLS is represented by **Dr. D. Padmanabhan PhD., Dhanajeevam Lifesciences**, RB4, Alayam Imperial, near Govt. Officer Park, Kuniyamuthur, Coimbatore-641008, Tamil Nadu, **hereinafter called as 2ND PARTY**.

NOW THEREFORE, the Dhanajeevam Lifesciences Coimbatore-641008 and the Department of Biotechnology & Microbiology, National College (Autonomous), Trichy, now therefore inspired by their common objectives to promote and accelerate the progress of research and product development in various disciplines of molecular diagnostics; have decided to enter into this MoU to promote cooperation in the field of Biotechnology and Microbiology and research/academic exchanges that are considered here to include but not limited to the following:

Both parties agree to contribute relevant resources and strengths pursuant to their commitment and in furtherance of objectives of this MOU. The two Parties after considering their objectives and strengths have agreed to have an understanding for collaboration in the following areas of interest:

- To conduct pre-clinical studies in cell lines and animals
- Collaboration in the exchange of knowledge and manpower to improve students' exposure to testing and validation methods of medical devices for compliance to international standards
- The above areas of research are not restricted but decided mutually based on the necessity and expertise utilization. The research areas will cover the scope and objectives of the parties and the parties can explore the possibilities of research in these areas.
- Submit collaborative proposals of mutual interest for execution in both the institutes as needed.
- Extending access to library and knowledge sharing facilities mutually for both students and faculties in both the institutions.
- Extending the instrumentation facility mutually for both researchers and faculty in both the institutions to carry out collaborative research.
- Organizing and participating in Joint Symposia / Conferences / Workshops / Short-term Refresher courses conducted by both the organizations;
- Exchange of faculty for guest lectures
- Publish papers and generate IPR benefitting both the Institutions
- The financial commitment to either of the parties and expenses of any sort will be decided on a case-by-case basis and upon mutual consensus.

A. Details of the implementation of any particular student exchange or faculty-related activity resulting from this memorandum of understanding shall be negotiated between the two (2) institutions as such specific case may arise and will be outlined in a supplementary student exchange agreement or faculty exchange agreement between the institutions. Supplementary agreements are always subjected to availability of sufficient funds with the respective institutions.

B. This memorandum of agreement, the respective institutions' commitment to both research and academic exchanges as on the date of the memorandum of understanding. This memorandum of agreement may be amended or terminated at any time by either party

provided that notice of termination or amendment in writing provided by the notifying party to the other party within thirty (30) days of the date on which the termination or the amendment is intended to become effective. Any amendment or termination shall not have an effect of any arrangement in place at the time that notice is provided, where the arrangement arises from any supplementary agreements resulting from this memorandum of understanding.

Both institutions subscribe to the policy of equal opportunity and will not discriminate on the basis of gender, age, disability, race, color, religion, marital status, veteran's status, national or ethnic origin or sexual orientation. The IPR issues involved will be decided on case-by-case basis.

This Memorandum of Understanding will become effective immediately. It shall continue in effect for a period of five (5) years from the date of signing and may be extended by mutual agreement.

IN WITNESSES WHEREOF the parties hereto have executed the MEMORANDUM OF UNDERSTANDING as on the date first written above.

**PG & Research Department of
Biotechnology & Microbiology,
National College, Tiruchirappalli**

Dr. K. KUMAR
Principal,
National College (Autonomous),
Tiruchirappalli.

Date:

Seal:

**Dhanajeevam Lifesciences
Coimbatore-641008.**

Dr. PADMANABHAN D. PhD.,
Technical Director,
Dhanajeevam Lifesciences
Coimbatore-641008

Date: 18/11/2022

Seal:



Witnesses

1. Signature:

Name and Address: **Dr. MOHAMED JAABIR**
Assistant Professor of Biotechnology, and Microbiology
National College (Autonomous)
Tiruchirappalli - 620 001.

2. Signature:

Name and Address:

Witnesses

1. Signature:

Name and Address:

2. Signature:

Name and Address:

Dr. CHINNAMANI PRASANNAKUMAR, M.Phil., Ph.D.
Assistant Professor
Department of Biotechnology and Microbiology
National College (Autonomous)
Tiruchirappalli-620 001. Tamilnadu. India.



தமிழ்நாடு தமில்நாடு TAMILNADU

24 DEC 2021

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District Court
Trichy. T. Nadu

