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For Whom: డా. కె. శివారావు శ్రీ నాగేశ్వరరావు చనుబండు.

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MEMORANDUM OF UNDERSTANDING

BETWEEN

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

AND

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

MYLAVARAM, NTR Dt, Andhra Pradesh -521230



PRINCIPAL
Lakireddy Balireddy College of Engg.,
MYLAVARAM - 521 230.

This Memorandum of Understanding (MoU) is entered on 19th October 2022 between the National Institute of Technology Warangal 506004, Telangana, an Institute of National Importance under the Ministry of Education (MoE), Government of India, with its registered office at Warangal 506004, Telangana (hereafter referred as NITW) of the first party

and

Lakireddy Bali Reddy College of Engineering (LBRCE), Mylavaram, Andhra Pradesh, 521230, was established in the year 1998 with the permission of the Government of Andhra Pradesh. LBRCE is an autonomous Institute under UGC conferred in 2010 and recognized under Section 2(f) and Section 12(B) of UGC Act, 1956 (hereafter referred to as LBRCE) of the second party.

1.0 INTRODUCTION

In order to establish academic and scientific relationships, promote joint Research and Consultancy activities, and extend mutual support in Postgraduate and Doctoral programmes, NITW and LBRCE agree to establish this Memorandum of Understanding (MOU).

2.0 PREAMBLE

NITW has been recognized as Institute of National Importance by the Government of India. Formerly NITW was well known as Regional Engineering College (REC), Warangal first of its kind institutes established in 1959. In 2002, the College was renamed as National Institute of Technology Warangal, and in 2007 it was given the status of Institute of National Importance. NITW offers graduate, postgraduate and doctoral programmes in different disciplines, contributing to the Nation by developing qualified human resources.

Lakireddy Bali Reddy College of Engineering (LBRCE) was founded through Lakireddy Bali Reddy Charitable Trust in 1998 by eminent philanthropist and NRI Entrepreneur Sri Lakireddy Bali Reddy, a Chemical Engineer by qualification. Since the inception, LBRCE aims at co-creating value-based technical excellence, which ultimately leads to



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the development of the rural area where the college is situated. Lakireddy Bali Reddy College of Engineering (LBRCE) is an autonomous institution since 2010, approved by AICTE and permanently affiliated to JNTUK, Kakinada. At present, college offer 9 B.Tech programs in CSE, CSE (AI&ML), AI & DS, IT, ECE, EEE, CE, ASE, ME and 4 M.Tech programs in CSE, Thermal Engg., Power Electronics & Drives, VLSI & Embedded systems, apart from M.B.A.

3. THE SCOPE OF MOU

The scope of the collaboration in academic and research activities in this MOU include the following categories

- a) Academic and research collaborations in the mutually interested areas.
- b) Academic interactions and support lead to higher qualifications.
- c) Exchange of academic and scientific information.
- d) Joint Project proposals to be submitted to various funding agencies.
- e) Joint Publications in various Scopus/SCI Indexed Journals.
- f) Use of Laboratory facilities at NIT Warangal for the conduct of combined research.
- g) Sharing of Knowledge by organizing Workshops/ Seminars/ Faculty Development Programmes in advanced technology areas.
- h) Allowing the faculty of LBRCE to pursue PhD on a part-time/full-time basis at NITW.
- i) Students of LBRCE to do summer internships with faculty at NITW and remote internships and support for Technology Competition.
- j) Faculty Summer Research Fellowship: Faculty of LBRCE to work with the faculty at NIT Warangal.
- k) Collaboration in Joint Societal Impact Projects.

3. (a) ACADEMIC AND RESEARCH COLLABORATIONS IN THE MUTUALLY INTERESTED AREAS

- a) Faculty from NITW and LBRCE can engage in collaborative research work, support and help each other in carrying research projects and Joint publications/ patents.
- b) The faculty members of NITW and LBRCE can develop joint project proposals to submit to funding agencies such as DST, UGC, AICTE, NRB, DRDO.



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- c) The joint projects' intellectual property rights (IPR) shall belong to both institutions.
- d) The visible output in the form of conference proceedings, journal publications and book chapters which resulted from the collaborative research work, joint projects and research work that leads to a PhD degree, shall belong to the faculty members, and credentials shall be given to them who involved and executed the work as per the research and publishing ethics.
- e) The research facilities at NITW can be utilized by the students and faculty of LBRCE as per institute norms. Similarly, the research facilities at LBRCE campus can be utilized by the students and faculty of NITW as per Institute norms.
- f) Faculty of NITW and LBRCE to develop joint societal impact projects and collaborations with other external agencies/ R&D organizations/ Indian and overseas Educational Institutions.

3. (b) ACADEMIC INTERACTIONS AND SUPPORT LEADING TO HIGHER QUALIFICATIONS

- a) As LBRCE is well established autonomous Institute and the majority of faculty members in LBRCE are postgraduates from premier institutes such as IITs, NITs and Central Universities, NITW will allow faculty members of LBRCE to register for their PhD on part-time/full-time subject to the admission criteria of NITW and based on interview performance.
- b) LBRCE shall grant permission to the faculty members who register PhD at NITW to stay at NITW for one full semester.
- c) If a faculty member of LBRCE registers for a PhD degree at NITW, he/she shall have two supervisors – one is from NITW, and the other is from LBRCE.
- d) A faculty member at LBRCE act as an internal supervisor in case of Part-Time registration, whereas a faculty member act as external supervisor in case of Full-Time registration.
- e) If the supervisor is not available in the parent department from LBRCE or NITW in the proposed research area, eligible faculty who belongs to allied departments can act as one of the supervisors. However, in such cases, one guide must be from the parent department either at LBRCE or NITW.



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- f) As per institute norms, the faculty members can utilize the instruments, equipment, and other research facilities at NITW for their PhD work.

3. (c) EXCHANGE OF ACADEMIC AND SCIENTIFIC INFORMATION

- a) NITW and LBRCE can support and help each other in the academic programmes by conducting joint workshops, conferences, seminars, FDPs guest lectures and training programmes and arranging short visits for the faculty members and students.
- b) Faculty shall share articles, publications, scientific information, patents information for their academic needs and not for commercial purposes on mutual consent and case to case basis concerning revenue sharing and expenditure.

4. EXCHANGE OF STUDENTS AND FACULTY

- a) Students of the LBRCE campus can visit NITW for 6 to 8 weeks to do a summer internship under the guidance of the NITW faculty based on their availability.
- b) Students of LBRCE can do 4th year project work based on the mutual interest under the joint guidance of the faculty members from LBRCE and NITW.
- c) Faculty from NITW can visit LBRCE to teach a part of any course of the B.Tech / M.Tech programme with prior permission from NITW. Emoluments shall be paid to the faculty as per the LBRCE norms.
- d) Faculty from LBRCE may visit NITW for 6 to 8 Weeks as a summer research fellow to work on a project under the guidance of NITW faculty.

5. MOU MODALITIES

- a) This MOU shall be effective immediately as soon agreed and signed by both parties.
This MOU shall be valid for five years from the date of signing of the MOU.
- b) Any party may terminate this MOU by giving written notice of termination at least six months in advance.



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- c) In the event of termination of MOU, for whatever the reason, both parties agree to complete the committed joint projects, joint conferences, PhD guidance during the notice period and beyond.

6. MOU MODIFICATION OR AMENDMENT

- a) Any article or clause of this MOU can be removed or modified, or any amendment can be included with the combined agreement from LBRCE and NITW.
- b) This MOU can be reviewed and revised by both parties at any point in time if required on mutual agreement.

7. SEPARATE AGREEMENTS

Each activity mentioned in this MOU is governed by terms and conditions agreed by both parties. If required, both parties can have an additional case-specific agreement by negotiating and mutual agreement by signing a separate agreement or amending a clause to the existing MOU.

8. ARBITRATION

- a) If any dispute arises from the agreement, the appropriate authorities from LBRCE and NITW can discuss and resolve the dispute in good faith
- b) If any dispute, issue, or controversy arising from this agreement is not resolved with discussions and mutual understanding within 3 months, an arbitrator can be appointed by mutual consent to solve the issue as per the governing Indian laws.

9. GENERAL

- a) All activities developed under this MOU shall respect and uphold the corresponding norms, traditions, rules and regulations of collaborating parties.
- b) The parties hereby agree to execute the MOU within the aforementioned scope of MOU.



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Signed: N.V. [Signature]

Prof. N.V. Ramana Rao
Director,
National Institute of Technology,
Warangal, India



Witnesses from NIT Warangal

1. CSRR 19/10/2022
(CSRR PRASAD)
ADVISOR (CSRR)
2. [Signature]
(E. Suresh Babu)
Asst. Professor

Signed: K. Appa Rao [Signature]

Prof. K. Appa Rao
Principal,
Lakireddy Bali Reddy College of
Engineering,
Andhra Pradesh, India



Witnesses from LBRCE Mylavaram

1. M.S. Rao
(Dr. M. SRINIVASA RAO)
Dean Academics
2. EV Krishna Rao
(Dr. EV KRISHNA RAO)
Dean R&D