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For Whom

lakireddy balireddy

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VENDOR:Smt K

Anuradha,

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MEMORANDUM OF UNDERSTANDING

Strategic Collaboration for Quantum Education, Research, Innovation and Talent Development

Between



Lakireddy Bali Reddy College of Engineering

And

Quantum Institute and STEM Education India Private Limited



(QISE)

Licensed Indian Partner of WISER

This Memorandum of Understanding ("MoU") is made on this 11th day of September, 2026, by and between:

Lakireddy Bali Reddy College of Engineering

Lakireddy Bali Reddy College of Engineering, an autonomous Institute, recognized by AICTE, having its registered campus at **L.B Reddy Nagar, Mylavaram, N.T.R District, Andhra Pradesh – 521230, India**, engaged in higher education, research, innovation and skill development.

(Hereinafter referred to as "LBRCE")

And

Quantum Institute and STEM Education India Private Limited (QISE)

Quantum Institute and STEM Education India Private Limited (QISE), a company incorporated under the Companies Act, 2013, having its registered office at 607, Regent Chambers, 208, Jamnalal Bajaj Marg, Nariman Point, Mumbai – 400021, Maharashtra, India, bearing Corporate Identity Number (CIN): U72100MH2026PTC467429, and authorized by WISER to design, implement, and manage educational programs, academic initiatives, training activities, research collaborations, and ecosystem development initiatives in India.

Quantum Institute and STEM Education India Private Limited (QISE) is Licensed partner of WISER (**Washington Institute for STEM, Entrepreneurship and Research**)

(hereinafter referred to as "QISE")

(WISER and QISE are hereinafter collectively referred to as the "Parties")

1. **Purpose:** The purpose of this Memorandum of Understanding ("MoU") is to establish a strategic academic collaboration between **Lakireddy Bali Reddy College of Engineering (LBRCE)** and the **Quantum Institute and STEM Education India Private Limited (QISE)**, to promote Quantum Technology education, research, innovation, and talent development among students and faculty members.

Through this collaboration, the Parties intend to develop a structured learning ecosystem that enables students to acquire foundational and advanced knowledge in Quantum Technologies, Artificial Intelligence, and other emerging

technologies, while fostering research, innovation, interdisciplinary collaboration, and industry readiness.

The collaboration shall create a progressive academic pathway beginning with foundational quantum education, advancing toward specialized learning, hands-on project experience, and opportunities for research and global engagement, thereby preparing students for future careers in frontier technologies.

a. The collaboration shall:

- i. Establish a structured Quantum Technology education pathway through AP government Naipunyam or QISE portal hosting QISE/WISER-certified programs in Quantum Technologies, Artificial Intelligence, and other emerging technologies.
- ii. Enhance student learning through progressive certification programs, hands-on learning, assessments, and merit-based academic advancement.
- iii. Promote faculty development, curriculum enrichment, and interdisciplinary research through collaborative academic initiatives.
- iv. Identify and mentor high-performing students by providing opportunities for advanced research and international project-based learning.
- v. Foster a sustainable Quantum Technology ecosystem by strengthening industry-academia collaboration and preparing students for future careers in frontier technologies.

2. Areas of Collaboration: The Parties intend to collaborate on the following areas:

a. **Quantum Institute and STEM Education (QISE) Contributions:**

- i. Design, develop, and deliver QISE-certified Quantum Technology programs, including **QT101 – Quantum Foundations and Applied Technologies** and **QT102 – Quantum Computing and Artificial Intelligence** for eligible undergraduate students of LBRCE
- ii. Subject to mutual agreement and resource availability, QISE may design and offer additional Quantum Technology, AI, and emerging technology programs aligned with the LBRCE academic and industry requirements.

- iii. Establish a structured academic learning pathway that enables students to progress from foundational quantum education to advanced learning through assessments, certification, and merit-based academic progression.
- iv. Provide access to QISE's Learning Management System (LMS) through Naipunyam during the tenure of the course, digital learning resources, practical assignments, assessments, and certification framework to support effective learning.
- v. Identify and mentor outstanding students. **Up to 1% of enrolled students**, selected based on QISE's assessment criteria, will undertake **advanced hands-on projects** with QISE and its academic and industry partners, **at no additional program fee**.
- vi. Facilitate expert lectures, mentoring sessions, webinars, workshops, and interactions with researchers, industry professionals, and global academic collaborators to enhance student learning and exposure.
- vii. Support faculty members through orientation sessions, Faculty Development Programs (FDPs), curriculum guidance, and academic mentoring to strengthen institutional capabilities in Quantum Technologies.
- viii. Jointly promote the collaboration through appropriate academic, institutional, and professional channels, subject to mutual consent on the use of names, logos, and branding guidelines.

b. LBRCE Contributions:

- i. Nominate a minimum of **two faculty members** to constitute a **Quantum Committee** for coordinating all activities under this collaboration with WISER and QISE.
- ii. Promote the QISE-certified Quantum Technology programs among eligible students and facilitate **good enrollment of students** for each academic cohort in both QT-101 & QT-102.
- iii. Identify and nominate eligible students from the **Third year – first semester** undergraduate programs for enrollment into QT101, in accordance with the eligibility criteria & after completion of QT-101, ensuring that eligible students progress to QT-102 in **Third year-second semester** defined under this MoU.
- iv. Provide the necessary academic infrastructure, including classrooms, seminar halls, laboratories, internet connectivity, and other institutional facilities, to ensure the delivery of the programs.

- v. Facilitate coordination with students and faculty for program implementation, assessments, workshops, seminars, guest lectures, and other academic activities conducted under this collaboration.
- vi. Encourage faculty participation in Faculty Development Programs (FDPs), curriculum enrichment initiatives, and collaborative academic and research activities organized jointly by QISE if any.
- vii. Jointly support outreach, branding, and publicity of the collaboration through the Institute official communication channels, subject to mutual approval of names, logos, and branding guidelines.

3. Financial Arrangements

- a. Students enrolled under this collaboration shall register and pay the applicable program fee **directly through the official QISE website** for each QISE/WISER-certified course, including **QT101 – Quantum Foundations and Applied Technologies** and **QT102 – Quantum Computing and Artificial Intelligence**. The current program fee per student per course is as displayed on the AP Government Naipunyam portal.
- b. The Institute shall facilitate the promotion and student registration process **via the Naipunyam portal or via QISE, and shall manage the program delivery, Learning Management System (LMS), assessments, certification, academic support, and overall execution** of the respective courses.
- c. Students selected for the **advanced hands-on project phase** upon successful completion of QT102 shall **not be required to pay any additional program fee** for participation in such projects conducted under this collaboration.
- d. Any future academic programs, Faculty Development Programs (FDPs), specialized certifications, workshops, research initiatives, or other collaborative activities beyond the scope of this MoU shall be governed by separate mutually agreed commercial terms, wherever applicable.
- e. Neither Party shall be responsible for the financial liabilities, contractual obligations, or commitments of the other Party. Each Party shall bear its own administrative and operational expenses incurred in fulfilling its respective responsibilities under this MoU, unless otherwise agreed in writing.

4. Publicity and Communications

- a. The Parties may jointly undertake communication and promotional activities related to this collaboration through appropriate media and communication channels.
- b. All public communications shall appropriately acknowledge the participating Parties and accurately reflect their respective roles.
- c. The use of any Party's name, logo, or trademark shall require prior written consent of the concerned Party.
- d. WISER and QISE may publicize this collaboration and its academic outcomes while appropriately acknowledging LBRCE.
- e. LBRCE may publicize this collaboration and its academic benefit which appropriately acknowledging WISER/QISE.

5. Intellectual Property Rights

- a. All intellectual property, including course content, learning materials, assessment tools, software, trademarks, logos, and other proprietary materials provided by WISER or QISE shall remain the exclusive property of WISER or QISE, as applicable.
- b. LBRCE shall not reproduce, modify, distribute, or disclose such intellectual property to any third party without the prior written consent of WISER or QISE.
- c. Intellectual property independently developed by either Party outside the scope of this MoU shall remain the exclusive property of the respective Party.
- d. Any intellectual property jointly developed under this collaboration shall be governed through a separate written agreement mutually agreed upon by the Parties.

6. Confidentiality

- a. The Parties shall maintain the confidentiality of all confidential, proprietary, or non-public information shared under this MoU.
- b. No confidential information shall be disclosed to any third party without the prior written consent of the disclosing Party, except where required by applicable law.
- c. The confidentiality obligations shall not apply to publicly available information, lawfully obtained from a third party, or independently developed without reference to the disclosed information.
- d. The Parties shall take reasonable measures to protect confidential information exchanged under this collaboration.

7. Data Protection and Cyber Security

- a. The Parties shall ensure that the collection, storage, processing, and use of data under this MoU comply with applicable laws and data protection requirements.
- b. The Parties shall implement reasonable technical and organizational measures to safeguard student, faculty, and institutional data from unauthorized access, disclosure, alteration, or misuse.
- c. Data shared under this collaboration shall be used solely for the implementation, administration, assessment, certification, and reporting of activities under this MoU.
- d. The Parties shall maintain appropriate safeguards to protect confidential and sensitive information exchanged under this collaboration.

8. Nature and Binding Effect of the MoU

- a. This MoU records the mutual understanding of the Parties and establishes the framework for implementing the academic programs and activities described herein.
- b. The provisions relating to this is a non-commercial MoU, including intellectual property, confidentiality, data protection, publicity and branding, dispute resolution, and termination, shall be binding upon the Parties.
- c. The implementation of each academic cohort shall be subject to mutually agreed schedules, student enrollment, institutional approvals, and operational requirements.
- d. Any additional program, commercial arrangement, research activity, or project outside the scope of this MoU shall be governed by a separate written agreement mutually executed by the Parties, on a case-by-case basis.

9. Non-Exclusive Arrangement

- a. This MoU is non-exclusive in nature and shall not restrict either Party from entering into similar collaborations or partnerships with other institutions or organizations.
- b. Nothing in this MoU shall be construed as creating a partnership, joint venture, agency, or employment relationship between the Parties.
- c. Each Party shall retain its independent institutional, operational, financial, and strategic decision-making authority.

10. Compliance with Laws

- a. The Parties shall carry out their respective responsibilities under this MoU in compliance with all applicable laws, regulations, policies, and institutional requirements.
- b. Each Party shall obtain and maintain the approvals, permissions, and authorizations required for fulfilling its respective obligations under this MoU.
- c. If any provision of this MoU becomes inconsistent with applicable laws or regulations, the Parties shall mutually consult and take appropriate steps to amend or implement the affected provision in accordance with such requirements.

11. Mutual Liability and Indemnity

- a. Each Party shall be responsible for its own acts, omissions, obligations, and activities undertaken pursuant to this MoU.
- b. Each Party agrees to indemnify and hold harmless the other Party against any claims, losses, damages, or liabilities arising from its negligence, willful misconduct, or violation of applicable laws.
- c. Neither Party shall be liable for any indirect or consequential damages arising out of this MoU, except in cases of fraud, willful misconduct, or breach of confidentiality or intellectual property rights.

12. Term and Termination

- a. This MoU shall come into effect on the date of its execution and shall remain valid for a period of **three (3) years**, unless terminated earlier in accordance with this MoU. The Parties may extend its term by mutual written agreement.
- b. Either Party may terminate this MoU by providing **ninety (90) days' prior written notice** to the other Party. The Parties shall make reasonable efforts to complete or suitably conclude any ongoing academic activities before the effective date of termination.
- c. Termination of this MoU shall not affect any ongoing programs/commitment, rights, obligations, confidentiality commitments, intellectual property rights, or liabilities accrued prior to the effective date of termination.

13. Amendments

- a. Any amendment, modification, or addition to this MoU shall be made in writing and signed by the authorized representatives of the Parties.
- b. Such amendment or modification shall form an integral part of this MoU and shall become effective from the date mutually agreed upon in writing by the Parties.

14. Dispute Resolution

- a. The Parties shall endeavour to resolve any dispute arising out of or in connection with this MoU through mutual consultation and good-faith discussions.
- b. If the dispute remains unresolved, the matter shall be referred to the authorized representatives of the Parties for amicable resolution.
- c. Pending resolution of the dispute, the Parties shall continue to perform their respective obligations under this MoU to the extent reasonably practicable.
- d. If the dispute cannot be resolved amicably, it shall be resolved in accordance with the applicable laws of India, and the courts at **N.T.R, Andhra Pradesh**, shall have exclusive jurisdiction.

15. Governing Law

- a. This MoU shall be governed by and construed in accordance with the laws of India.
- b. Subject to Clause 14 (Dispute Resolution), the courts having jurisdiction in **Andhra Pradesh, India**, shall have exclusive jurisdiction over any matter arising out of or in connection with this MoU.

Signatures

For and on behalf of

LBRCE

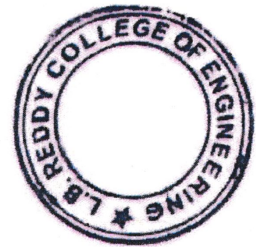
Signature : *[Handwritten Signature]* 11/09/2026

Name : Dr. K. Appa Rao

Title : Principal, LBRCE

Date : 11-09-2026

PRINCIPAL
Lakireddy Bali Reddy College of Engg
MYLAVARAM-521230., NTR Dist.



For and on behalf of

QISE

Signature : *[Handwritten Signature]*

Name : Mr. MGMSSV Phanindra

Title : Head of Quantum & AI Ecosystems

Date : 11-09-2026