

MEMORANDUM OF UNDERSTANDING [MOU]

BETWEEN

NIELIT Deemed to be University
Government of India

AND

AMRITA VISHWA VIDYAPEETHAM,
Amritapuri, Kerala

This Memorandum of Understanding (hereinafter referred to as "MOU") is made and executed on 25th April, 2025 ("Effective Date") at New Delhi.


BY AND BETWEEN

NIELIT an autonomous Scientific Society under Ministry of Electronics & Information Technology (MeitY), Government of India. The National Institute of Electronics & Information Technology, an autonomous Scientific Society under the administrative control of the Ministry of Electronics & Information Technology (MeitY), Government of India, was set up to carry out Human Resource Development and related activities in the area of Information, Electronics & Communications Technology (IECT). It has engaged both in Formal & Non-Formal Education in the area of IECT besides the development of industry-oriented quality education and training programmes in the state-of-the-art areas, "**NIELIT**", which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include its executors, administrators and assigns of the **first party**.

AND

Amrita Vishwa Vidyapeetham, having "University" status under 'Section 3 of UGC Act 1956' conferred by the Government of India in 2003, 7th best university and 'A++' grade by the National Assessment and Accreditation Council (NAAC) and headquartered at Amrita University, Amrita Vishwa Vidyapeetham, Amritanagar, Ettimadai, Coimbatore-641112, Tamil Nadu, India, hereinafter referred to as "**AMRITA**", which expression shall, unless it be repugnant to the context or meaning thereof, be deemed to mean and include its executors, administrators and assigns of the **second party**.

Hereinafter collectively referred to as "Parties" and individually as "Party"


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राष्ट्रीय इलेक्ट्रॉनिकी एवं सूचना प्रौद्योगिकी संस्थान (रा.इ.सू.प्रौ.सं.)
National Institute of Electronics and Information Technology (NIELIT)
नई दिल्ली भवन, प्लॉट नंबर 3, पीएसपी पॉकेट, सेक्टर-8, द्वारका, नई दिल्ली-110077
NIELIT Bhawan, Plot No.3, PSP Pocket, Sector-8, Dwarka, New Delhi-110077

Whereas NIELIT has endeavoured to establish standards to be the country's premier institution for Examination and Certification in the field of IECT. It is also one of the National Examination Body, which accredits institutes/organizations for conducting courses in IT in the non-formal sector. As on date, NIELIT has 56 centers located at Agartala, Aizawl, Ajmer, Alawalpur (Saksharta Kendra), Aurangabad, Bhubaneswar, Calicut, Chandigarh, Chennai, Chuchuyimlang, Churachandpur, Daman, Delhi, Dibrugarh, Dimapur, Gangtok, Gorakhpur, Guwahati, Haridwar, Imphal, Itanagar, Jammu, Jorhat, Kargil, Kohima, Kolkata, Kokrajhar, Kurukshetra, Lakhanpur (Saksharta Kendra), Leh, Lucknow, Lunglei, Majuli, Mandi, Pasighat, Patna, Pali, Ranchi, Ropar, Senapati, Shillong, Shimla, Silchar, Srinagar, Tezpur, Tura and Tezu with its Headquarters at New Delhi. It is also well-networked throughout India with the presence of about 700 + institutes.

Whereas Amrita Vishva Vidyapeetham (University) has grown into a dynamic, 10-campus, multi-disciplinary University with over 300 academic programs (undergraduate, postgraduate, and doctoral), and 35000 students (www.amrita.edu) all united in their mission towards solving the monumental scientific and societal challenges being faced by the world today. AMRITA offers a wide range of disciplines: Engineering, Medicine and Healthcare, Biotechnology, Nanotechnology, Business and Management, Arts and Science, Communication, Education, etc. We also have postgraduate, doctoral and advanced research programs, many of which are being in offered close collaboration and inter-disciplinary partnerships with some the foremost universities of international repute from the United States of America, Europe, Japan, and Australia and through our national centers of excellence in areas of importance such as Biotechnology, Nanotechnology, E-Learning, Cybersecurity, etc. Amrita Vishva Vidyapeetham has emerged as the **7th best university in the National Institutional Ranking Framework (NIRF) Ranking 2024 and NAAC A++ grade for Indian Universities.**

As a result of the interaction between NIELIT and Amrita at various levels, both NIELIT and AMRITA have agreed to promote academic and research cooperation between the two organizations and work jointly in the areas of common interest.

Now therefore both Parties hereto agree to enter into the Memorandum of Understanding on the following terms and conditions.

1. PURPOSE / SCOPE:

The aim of this linkage is to provide students and faculties access to the state-of-the-art facilities and to encourage R&D activities. This MOU broadly defines the mode and methodology of operations and spells out the rights and responsibilities of the parties hereto in the following terms and conditions.

This MOU being a broad base for defining the operational framework, some of the activities could be brought under the purview of specifically drawn-up projects and a specific MOU/Agreement shall be signed between the parties prior to the

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commencement of the work on a case-to-case basis in writing defining the rights and responsibilities, time frame, financials, IPR, commercial terms, etc., of parties. Generally speaking, and within the limits of the financial means of each institution, the cooperation will take the following form:

1.1 Advanced training and skilling are crucial to equipping professionals with the expertise required for emerging technologies. In collaboration with NIELIT, Amrita Vishwa Vidyapeetham is committed to delivering cutting-edge training programs tailored to industry needs. This will play a vital role in bridging the gap between academic learning and professional readiness. These programs focus on hands-on training, industry certifications, and employability skills to ensure students and professionals can seamlessly transition into the workforce as with the concept of finishing school. Key areas of training include cybersecurity, artificial intelligence, blockchain, IoT, ethical hacking and so on aligning with the Digital India initiative. This will also integrate immersive virtual labs, AI-driven learning platforms, and real-world case studies to enhance experiential learning.

1.2 Ensuring inclusive digital learning is a key priority, particularly for individuals under the Divyang category (persons with disabilities). In partnership NIELIT and Amrita is committed to developing accessible learning platforms that cater to students with diverse needs, ensuring equitable access to quality education and skill development. To achieve this, both partners will jointly integrate assistive technologies, including AI-driven speech-to-text, screen readers, adaptive learning interfaces, and gamified modules designed for neurodiversity learners.

1.3 Amrita, in collaboration with NIELIT, is establishing Cyber-Maker Studios, dynamic innovation hubs designed to bridge learning with product development across multiple technology domains. These studios will provide hands-on access to cutting-edge tools, AI-driven platforms, IoT development kits, cybersecurity labs, and blockchain sandboxes. Participants—including students, researchers, and entrepreneurs—will engage in prototyping, real-world problem-solving, and industry-driven innovation. By fostering creativity, interdisciplinary collaboration, and skill building, Cyber-Maker Studios will play a crucial role in nurturing India's next generation of tech innovators and entrepreneurs.

1.4 Amrita, in partnership with NIELIT, is launching E-Sports initiatives, including cybersecurity hackathons, capture-the-flag (CTF) competitions, and cyber-defence challenges to cultivate practical skills and real-world problem solving. These events will provide hands-on exposure to ethical hacking, penetration testing, AI-driven security, and emerging threats, fostering a culture of innovation and competitive learning. Additionally, we will establish cyber ranges covering both IT (Information Technology) and OT (Operational Technology) security. These simulated environments will allow participants to test security strategies, respond to cyber incidents, and analyse vulnerabilities in critical infrastructures. By integrating

hackathons with cyber-range training, this initiative will produce highly skilled cybersecurity professionals ready for industry challenges.

1.5 Amrita, in collaboration with NIELIT, is introducing a Mathematics Challenge, an initiative designed to enhance problem-solving, logical reasoning, and real-world mathematical applications for students at various proficiency levels. Unlike traditional Olympiads, this challenge will be inclusive, allowing broad participation while nurturing critical thinking and application-based learning. The program will feature multi-tiered problem sets, integrating real-world case studies, AI-assisted simulations, and gamified assessments. By focusing on applied mathematics and industry-relevant scenarios, this initiative will equip students with essential analytical skills, fostering innovation and preparing them for advanced STEM careers.

1.6 Amrita, in collaboration with NIELIT, is developing advanced courses in Secure Coding and Data Analytics, emphasizing practical applications and innovative learning methodologies. Our approach will ensure that learners not only understand theoretical concepts but also apply them in contexts relevant to current industry challenges. Additionally, the course will feature adaptive learning paths, allowing participants to focus on areas where they need the most improvement, thereby enhancing learning efficiency. Towards data analytics and visualization, a combination of exploratory data analysis techniques with advanced visualization tools will be explored. This will include insightful prompting, analysing datasets effectively, and creating visual narratives.

1.7 Organizing joint conferences, methodology, workshops, professional development programs, training programs, etc. for knowledge exchange and upgrading the skills and competencies in the emerging technologies.

1.8 The spheres of collaboration include curriculum development, pedagogy, student intern programs, consultancy projects, student contests, faculty exchange, student mentoring, continuing education programs, and pilot and concept programs. The faculty /staff will be encouraged to deliver lectures/invited talks at the other institution.

1.9 The implementation of these advanced training initiatives will be structured across five strategic zones in the country, leveraging the extensive reach of NIELIT's 56 centers and Amrita University's 9 campuses. This zonal approach ensures regional accessibility, scalability, and efficient resource allocation for skill development programs.

1.10 Any other project of common interest suggested by either of the two parties may be taken up. Nothing in this Memorandum is intended to or shall be deemed to establish an exclusive relationship between the parties or to restrict any activities that either party would otherwise be able to undertake. Nothing in this Memorandum is

intended to or shall be deemed to establish any partnership or joint venture between the parties or constitute any activities that either party would otherwise be able to undertake.

2. JOINT RESPONSIBILITIES OF NIELIT AND AMRITA UNIVERSITY:

- 2.1. Nominate Coordinators as nodal contacts to represent the parties and promote interface so as to plan, implement, monitor, and review the schedules of various activities from time to time
- 2.2. Identify areas and activities for joint collaborative endeavours
- 2.3 After identification of the project, a formal Agreement for the specific project(s) outlining the details of the scope of work, financial implications, phasing of work output/deliverables, phasing of payments, Intellectual property rights, and other terms and conditions shall be signed by the two organizations. Specific written acceptance of the NIELIT and Amrita shall be necessary before any work is formally initiated or any financial commitment becomes operative. The approval will be routed through the nodal contacts on either side.
- 2.4 The Parties may provide access to their respective libraries and other infrastructure to the experts of both organizations involved in collaborative activities. The Parties may also exchange scientific information and literature related to the collaborative projects as agreed between the Parties
- 2.5 Draw the attention of the top management in case of any interface or operational problems.
- 2.6 Ensure the safety of the personnel and material whenever placed at either end by the other party
- 2.7 Not use/sell/license/rent technologies/resources/material/solutions of either party to/for any third party without the prior written mutual consent of the other party.
- 2.8 Provide updates on program activities, technology application, development, and related work pertaining to cooperative activities pursued under this MOU.
- 2.9 All attempts will be made to ensure that developments and projects are accomplished to high quality, with parsimony of time. Both parties shall especially ensure that each party shall complete its tasks correctly in time where the work of the other party is dependent upon the timely and correct completion of its work.
- 2.10 Parties acknowledge and agree that they will endeavor to fulfil their obligations/responsibilities subject to the availability of adequate financial/manpower/ material and other resources.
- 2.11 Both Parties assure and acknowledge that, it has the right/authority to enter into

this MOU. Registrar

Kishorashree Sharma



3. FINANCIAL ASPECTS:

No financial commitment from any party will be assumed unless a formal approval/acceptance to that effect for the works services has been accorded through signed documents by both parties prior to starting the work.

4. EFFECTIVE DATE AND VALIDITY:

- a) This MOU shall be valid for a period of 5 years from the date of signing of the MOU.
- b) The validity of the MOU may be extended by mutual agreement in writing and signed by both the parties.
- c) This MOU may be terminated by either party by giving 30 days prior notice in writing to the other party through Registered AD/speed Post AD

5. DISPUTE RESOLUTION AND ARBITRATION:

In case any dispute/claim arises between the Parties with respect to the MOU, including its validity, interpretation, implementation, or alleged material breach of any of its provisions or regarding a question, including the questions as to whether the termination of this MOU by one Party hereto has been legitimate, both Parties hereto shall endeavour to settle such dispute amicably and agree to refer the matter to the Heads of the Institutions to resolve the disputes keeping in view the best interest of the parties and in keeping with the spirit of performance of this agreement. If the Parties fail to bring about an amicable settlement within a period of 30 (thirty) days, the dispute shall be referred to the sole arbitrator appointed mutually by NIELIT and AMRITA. Arbitration proceedings shall be conducted in accordance with the provisions of the Arbitration and Conciliation Act, 1996, and Rules made there under, or any legislative amendment or modification made thereto.

6. GOVERNING LAW AND DISPUTE RESOLUTION:

This Clause shall be binding. This MoU shall be governed by and interpreted in accordance with the laws prevailing in India. Both Parties irrevocably submit to the exclusive jurisdiction of the Courts in Delhi, India for any action or proceeding arising out of or in connection with this MoU.

7. FORCE MAJEURE:

Neither party to this MOU shall be liable to the other party for any delay or failure on its part in performing any of its obligations under this MOU resulting from any cause beyond its reasonable control, including but not limited to strikes, riots, civil commotion, or other concerted actions of Workmen, material shortages, fire, floods, expositions, acts of God, acts of state, war, enemy action or terrorist action, epidemic, pandemic, etc.

8. NOTICES:

All notices, reports and receipts shall be in writing and shall be deemed duly given on (i) the date of personal or courier delivery; (ii) the date of transmission by telecopy or other electronic transmission service, provided a confirmation copy is also sent no later than the next business day as in (i), or confirmation of receipt is received, or (ii) the date of receipt by any other means of delivery.

The address for service of notice to the respective Parties is as given below:

NIELIT

NIELIT Bhawan,
Plot No.3, PSP Pocket, Sector-8, Dwarka,
New Delhi-110077.

AMRITA

Amritapuri, Clappana P.O.,
Kollam - 690525, Kerala, India

9. INDEMNIFICATION:

Either party shall keep other parties, its affiliates, shareholders, officers, directors, employees, agents, representatives, and customers indemnified and harmless from and against any and all costs, liabilities, losses, and expenses (including, but not limited to, reasonable fees of attorneys) arising out of any claim, suit, action or proceeding (each, an "Action"), for any act(s) and omissions of such party under any proposal(s) to Prospective client(s) or any resulting contract(s) therefrom or any incidental matter or in any way arising therefrom.

10. ASSIGNMENT AND TRANSFER:

Any and all rights, duties, and obligations of the parties under this MOU shall not be transferred or assigned by either party to any third party without prior written consent of the other party.

11. NON-WAIVER:

The failure or neglect by either of the Parties to enforce any of the terms of this MOU shall not be construed as a waiver of its rights preventing subsequent enforcement of such provision or recovery of damages for breach thereof.

12. SEVERABILITY:

The invalidity or unenforceability of any provision of this MOU shall not affect the validity or enforceability of any other provision of this MOU that shall continue in full force and effect except for any such invalid and unenforceable provision.

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13. LIMITATION OF LIABILITY: In no event will NIELIT or Amrita Vishwa Vidyapeetham be liable to the other party for any incidental, consequential, special, and exemplary or direct or indirect damages, or for lost profits, lost revenues, or loss of business arising out of the subject matter of this MOU, regardless of the cause of action, even if the party has been advised of the likelihood of damages if the same is without mens rea.

14. MODIFICATION:

No modification to this MOU will be effective unless agreed to in writing by both Parties and duly signed by the authorized signatories of the Parties.

15. NO PARTNERSHIP:

Nothing in this MOU shall be deemed to either constitute or create an association, trust, partnership, or joint venture between the Parties nor constitute either party the agent of the other party for any purpose.

16. HEADINGS:

The headings shall not limit, alter, or affect the meaning of the Clauses headed by them and are solely for the purpose of easy reference.

17. ENTIRE MOU:

This MOU sets forth the entire understanding of the Parties with respect to the subject matter hereof and supersedes all prior oral and written agreements, understandings, representations, conditions, and all other communications relating thereto.

This MoU is being executed in two counterparts each of which is deemed original, and both together shall constitute one and the same contract.



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Kishorashree Acharya



In witness whereof, the parties hereto gave signed this MOU on the day, month and year mentioned herein before.

For NIELIT



Name: **DR. S. K. DHURANDHER**

Designation: **EXECUTIVE DIRECTOR**

Stamp:

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NIELIT Bhawan, Plot No.3, PSP Pocket, Sector-8, Dwarka, New Delhi-110077

Witness:

1.

For AMRITA, Tamilnadu

Name: **KRISHNASHREE ACHUTHAN**

Designation: **DEAN, PG PROGRAMS**

Stamp:



Witness: **VIPIN P**

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