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MEMORANDUM OF UNDERSTANDING (MoU)

Between

Department of Computer Science & Engineering (Cyber Security),
Jyothi Engineering College (Autonomous)

And

TechnoValley Software India Pvt. Ltd.

This Memorandum of Understanding (hereinafter referred to as the "MoU") is made and entered into on this _ day of ____ 2025,

BETWEEN

First Party

Department of Computer Science & Engineering (Cyber Security) ,
Jyothi Engineering College (Autonomous), Cheruthuruthy, Thrissur, Kerala – 679 531,
represented by

Dr. Geethu Mary George

Head of the Department, Department of Computer Science & Engineering.(Cyber Security)
(hereinafter referred to as the "First Party", which expression shall mean and include its
successors, administrators, and permitted assigns),



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TechnoValley Software India Pvt. Ltd.
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AND

Second Party

Technovalley Software India Pvt. Ltd.,
Headquartered at Kochi, Kerala, India,
represented by its authorized signatory _____,
(hereinafter referred to as the "Second Party", which expression shall mean and include its
successors and permitted assigns).

(First Party and Second Party are hereinafter jointly referred to as "Parties" and individually as
"Party".)

WHEREAS

A. About the First Party

The First Party, Department of Computer Science & Engineering (Cyber Security), Jyothi Engineering College (JEC), Cheruthuruthy, Thrissur, Kerala, is a premier autonomous institution established in 2002 under the Trichur Educational Trust, founded by the Catholic Archdiocese of Thrissur. The college is affiliated to the APJ Abdul Kalam Technological University (KTU), approved by AICTE, accredited by NAAC with 'A' Grade, and holds NBA accreditation for multiple UG programs. JEC offers state-of-the-art undergraduate, postgraduate, and doctoral engineering programs, with a strong focus on innovation, research, and industry collaboration.

The Catholic Archdiocese of Thrissur additionally manages several reputed educational institutions including St. Thomas College (Autonomous), Mahajubilee Training College, Jubilee Mission Medical College & Research Institute, Jubilee Mission College of Nursing, and Jubilee Mission School of Nursing.

B. About the Second Party

Technovalley Software India Pvt. Ltd. is a global high-technology consulting, deep-tech skilling, and professional certification organization. Technovalley works across multiple advanced technology domains including Cybersecurity, Artificial Intelligence, Data Science, Cloud Technologies, DevOps, Full Stack Development, Embedded Systems, and Enterprise Automation. Technovalley collaborates with industry-leading certification bodies such as EC-Council, OffSec, Oracle, CompTIA, IBM, Microsoft, and Linux-LPI, leading to their respective international certification. Technovalley has empowered over 10,000 students and professionals across all the domain technologies discussed above. Technovalley is an ISO 9001:2015 certified organization, and is recognized as the State Skill Partner of Kerala Knowledge Economy Mission (Govt. of Kerala) and a trusted partner of NASSCOM FutureSkills Prime, being the first organization in Kerala to offer EC-council cybersecurity certification programs. The organization has been empanelled by Kerala Startup mission to train startups across Kerala



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in collaboration with the Kerala Knowledge Economy Mission. The AKS division of TechnoValley collaborates with 21+ global technology leaders listed above, thus bringing world-class programs and certifications to India, Africa and Middle east with registered, established offices there.

TechnoValley partners with academic institutions, government bodies, Universities, and global enterprises to provide industry-aligned training, consulting, curriculum modernization, faculty development, internship pathways, and placement support, with around 60 and more student's skill competitions being conducted yearly, in the fields of ethical hacking and cybersecurity.

C. Purpose of the MoU

Both Parties intend to collaborate in areas of mutual academic, technical, and professional interest, including but not limited to training, research, internships, placement support, curriculum enrichment, skill development, consulting, project development, and joint events.

D. Objectives

The Parties desire to leverage their combined expertise for Cyber security education enhancement, practical exposure, quality improvement, and student career advancement, with a specific focus on cross-disciplinary skills, including Cybersecurity applications in different engineering domains, leading to International Certification pathways.

NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

1.1 Both Parties shall establish strong channels of communication to promote academic-industry integration and to identify collaborative opportunities.

1.2 The cooperation will facilitate utilization of TechnoValley's industry expertise and JEC's academic capabilities towards developing real-world skill-based learning.

1.3 Either Party may collaborate with external organizations upon mutual consent.

1.4 Both Parties shall jointly execute relevant definitive documents as required for specific activities under this MoU. Engaging in joint outreach efforts to promote cybersecurity awareness nationally and internationally.

CLAUSE 2: SCOPE OF THE MoU

2.1 Curriculum Design & Enrichment:



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TechnoValley will support JEC in updating curricula aligned with industry demands in collaborative areas such as, cybersecurity, AI, robotics, IoT, cloud, and networking.

2.2 Skill Development Programs:

TechnoValley shall conduct industry-oriented training programs, technical bootcamps, masterclasses, and certification programs for students and faculty.

2.3 Industrial Training & Visits:

TechnoValley shall host students and faculty at its facilities or partner locations for industrial exposure, technical demonstrations, and hands-on sessions.

2.4 Internships & Placement Support:

TechnoValley will support internship facilitation and placement assistance for eligible CyberSecurity Engineering students under applicable policies.

2.5 R&D Collaboration:

Both Parties shall jointly undertake research activities in computer engineering technologies like cybersecurity, networking, AI, and other mutually beneficial areas.

2.6 Program Effectiveness and Impact Assessment:

TechnoValley shall track and report key metrics to the CyberSecurity Engineering Department related to the performance, skill acquisition, and placement impact of participating department students. This ensures the effectiveness of all joint programs offered.

2.7 Technical Engagement and Hackathons:

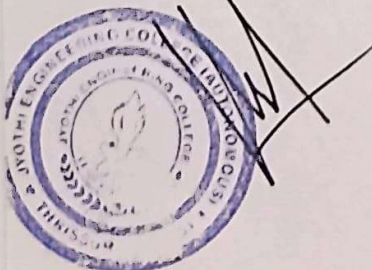
TechnoValley expresses its willingness and commitment to facilitate and conduct joint hackathons and technical challenges specifically for the Cybersecurity Engineering students of JEC. TechnoValley will provide technical mentorship and expert judging for these events, focusing on challenges at the intersection of department's curriculum and core technology domains.

2.3 TechnoValley-Specific Faculty Development Programs (FDPs):

TechnoValley will support the hosting and conduct of FDPs specifically designed for the staff of JEC with respect to AI in Education , OBE and in other similar domains, relevant to cross-disciplinary areas like Cybersecurity in industrial environments, networking etc.

2.4 International Certification Support

TechnoValley shall collaborate with the Department to offer Certification courses to its students. A core focus will be on specialized programs, particularly in the domain of Cyber Security, AI, Advanced OS, Oracle, Embedded stack and other specialized IT domains, which are relevant to industry placements. These courses will be structured to directly prepare students and lead them to global International Certifications with internships and student projects facilitated under joint supervision which can, but not limited to internationally recognized cybersecurity certifications like CEH, CHFI, CPENT, CTIA, CSA, Security+, CySA+, OSCP, PENTEST, ITF+ etc.



2.5 Guest Lectures & General technical FDPs:

Technovalley will conduct expert lectures, faculty development programs, and technical knowledge-sharing sessions.

2.6 Consultancy Support:

JEC may provide technical consultancy to Technovalley; similarly, Technovalley may extend consulting and industry insights for joint academic initiatives.

2.7 Joint Workshops & Seminars:

The Parties may organize workshops, seminars, conferences, and exhibitions on advanced technologies and engineering trends.

2.8 Access to Laboratories & Facilities:

JEC and Technovalley may mutually allow facility access for academic, R&D, and project-based activities.

2.9 Student Project Support:

Technovalley may sponsor, mentor, or co-guide selected final-year and postgraduate projects aligned with industry needs.

2.10 Collaborative Publications:

Parties may jointly publish research papers, case studies, or technical reports emerging from collaborative work.

2.11 Approvals & Compliance:

Both Parties shall obtain all necessary approvals as required for offering programs under this MoU.

2.12 Financial Commitment:

There is no financial commitment under this MoU unless mutually agreed in writing for specific activities.

CLAUSE 3: INTELLECTUAL PROPERTY

3.1 No intellectual property rights are transferred under this MoU unless specifically agreed in writing. Each Party shall retain ownership of its pre-existing and independently developed intellectual property.

CLAUSE 4: VALIDITY

4.1 This MoU is valid for three (3) years from the date of signing.



4.2 Either Party may terminate this MoU by giving 30 days' written notice, subject to fulfillment of ongoing obligations.

CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

5.1 The Parties act as independent entities. Nothing in this MoU creates a partnership, joint venture, agency or employment relationship.

5.2 Neither Party may bind or represent the other without prior written consent.

CLAUSE 6: DISPUTE RESOLUTION

6.1 Any disputes arising out of this MoU shall be resolved through arbitration under the Arbitration and Conciliation Act, 1996.

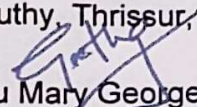
6.2 The place of arbitration shall be Thrissur, Kerala.

6.3 Courts at Thrissur shall have exclusive jurisdiction.

SIGNATURES

For the First Party-

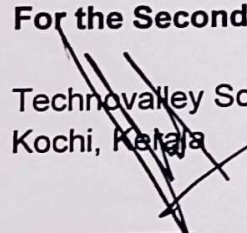
Department of Mechanical Engineering
Jyothi Engineering College (Autonomous)
Cheruthuruthy, Thrissur, Kerala – 679 531


Dr. Geethu Mary George

Head of the Department, Department of Computer Science & Engineering (Cyber Security)

(Authorized Signatory)

For the Second Party


Technovalley Software India Pvt. Ltd.
Kochi, Kerala

Name: Rajesh Kumar S
Designation: Managing Director & CEO

(Authorized Signatory)

