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First Party Name

: H O D

First Party Address

: JYOTHI ENGINEERING COLLEGE AUTONOMOUS
CHERUTHURUTHY KERALA

Second Party Name

: JOSEPH P K

Second Party Address

: TECHZGREEN INNOVATE SOLUTIONS AND
CONSULTANT, JJ COMPLEX, KOONAMMOOCHI
(P.O), THRISSUR, KERALA, INDIA PIN CODE -
680504

Vendor Code & Name

: 13062765 - MARY KK

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: 1306 - Sub Treasury, Chavakkad

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is made and entered into on 17th day of June, 2026 by and

BETWEEN

The DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, JYOTHI ENGINEERING COLLEGE (Autonomous), Jyothi Hills, Panjal Road, Vettikattiri P.O, Cheruthuruthy, Thrissur, Kerala, India, Pin 679 531, represented herein by its Head of the Department, Mr. SHINE P. XAVIER (hereinafter referred to as the 'First Party', which expression, shall, unless repugnant to the context or meaning thereof, be deemed to include its successors, administrators, and permitted assigns).



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K.K. MARY
Vendor No: 18
KOONAMMOOCHI

AND

TECHZGREEN INNOVATE SOLUTIONS & CONSULTANT, JJ Complex, Koonammoochi (P.O), Thrissur, Kerala, India, Pin code – 680 504, represented herein by its Chief Executive Officer, **Mr. JOSEPH P. K.** (hereinafter referred to as the '**Second Party**', which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns).

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

WHEREAS,

- ♦ The First Party is the **Department of Artificial Intelligence and Data Science, Jyothi Engineering College (Autonomous), Cheruthuruthy, Thrissur, Kerala, India, Pin 679 531.** It is a constituent academic department of Jyothi Engineering College, which is affiliated to APJ Abdul Kalam Technological University (KTU), Thiruvananthapuram, and approved by AICTE. The department offers undergraduate B.Tech. in Artificial Intelligence and Data Science.
- ♦ The Second Party, **TECHZGREEN INNOVATE SOLUTIONS & CONSULTANT, JJ Complex, Koonammoochi (P.O), Thrissur, Kerala, India, Pin 680 504,** is a sustainability-focused enterprise engaged in transforming plastic waste into durable, eco-friendly products such as roofing sheets, panels, poles, and furniture components. The company combines recycling, innovation and a reward-based waste disposal system to reduce plastic pollution and promote responsible waste management, in direct alignment with the United Nations Sustainable Development Goals (SDGs).
- ♦ First Party & Second Party desire to collaborate in areas of mutual interest including, but not limited to, industry exposure, internships, research, skill development, faculty training, sustainability and ESG (Environmental, Social and Governance) awareness, curriculum enrichment and joint events.
- ♦ The Parties intend to cooperate and focus their efforts on cooperation within areas of Skill Based Training, Sustainability & ESG Education, Research, and other avenues of common interest.
- ♦ Both Parties, being legal entities in themselves, desire to sign this MOU for advancing their mutual interest;
- ♦ **Jyothi Engineering College (JEC), Cheruthuruthy, Thrissur, Kerala, Pin 679 531,** is a premier autonomous institution established in 2002 under the aegis of the **Trichur Educational Trust**, founded by the **Catholic Archdiocese of Thrissur**. Affiliated to the **APJ Abdul Kalam Technological University (KTU)** and approved by the **All India Council for Technical Education (AICTE), New Delhi**, the college is committed to excellence in engineering education, research and innovation.

As an Autonomous Institution, JEC enjoys the academic flexibility to design and implement industry-relevant curricula that promote hands-on learning and research-oriented education. The college offers a wide range of undergraduate (B.Tech.), postgraduate (M.Tech.) and doctoral (Ph.D.) programs across various engineering disciplines. The institution's focus on quality, ethics and technological advancement has positioned it as one of the most sought-after engineering colleges in Kerala.

JEC fosters strong industry-academic partnerships, encourages entrepreneurship, and supports holistic development through its well-equipped laboratories, research centers, faculty expertise and vibrant campus life. With a track record of excellent placements and academic distinction, Jyothi Engineering College continues to nurture future-ready engineers with a global outlook and a commitment to societal betterment.

In addition to Jyothi Engineering College, the Catholic Archdiocese of Thrissur runs the following institutions also:

1. St. Thomas College (Autonomous), Thrissur – Affiliated to University of Calicut and approved by UGC – offers UG, PG and Ph.D. programs in Arts, Commerce and Science.
2. St. Mary's College (Autonomous), Thrissur – Affiliated to University of Calicut – offers UG and PG programs in Arts, Commerce and Science.
3. Mahajubilee Training College – Affiliated to University of Calicut – offers B.Ed. and M.Ed. programs.
4. Jubilee Mission Medical College & Research Institute – Affiliated to Kerala University of Health Sciences (KUHS) – offers UG & PG Courses in Medical Allied courses.
5. Jubilee Mission College of Nursing – Affiliated to Kerala University of Health Sciences (KUHS) – offers B.Sc. Nursing.
6. Jubilee Mission School of Nursing – Affiliated to Kerala University of Health Sciences (KUHS).

♦ **TECHZGREEN INNOVATE SOLUTIONS & CONSULTANT, JJ Complex, Koonammoochi (P.O), Thrissur, Kerala, India, Pin 680 504**, is a sustainability-driven organisation specializing in plastic waste recycling, manufacture of eco-friendly products, and ESG (Environmental, Social and Governance) consultancy, including awareness programmes and sustainability assessments for institutions and industries.

The company offers a comprehensive range of services including plastic waste collection and recycling, manufacture of durable eco-friendly products such as roofing sheets, panels, poles and furniture components, ESG awareness and sustainability assessments, skill development and training programmes, and consultancy in sustainability policy and circular-economy practices.

As a company, TechZGreen strives to create value from waste, support a circular economy, and build a cleaner, greener and more sustainable future for communities and industries, in keeping with global sustainability commitments.

Driven by a team of experienced sustainability professionals and trainers, TechZGreen's programmes provide a unique blend of technical skill-building, environmental awareness and industry exposure, helping students and professionals contribute meaningfully to a sustainable future.

PURPOSE OF THE MOU

This MOU is intended to establish a collaborative relationship between the First Party and the Second Party to enhance student and faculty development through technical training, sustainability and ESG knowledge sharing, industry interaction, and placement-oriented activities.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES AND COVENANTS CONTAINED HEREIN, THE PARTIES HEREBY AGREE AS FOLLOWS:

CLAUSE 1 : CO-OPERATION

- a. Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Jyothi Engineering College campus and its associated activities. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- b. First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party, providing significant inputs to the Second Party in developing suitable teaching/training systems, keeping in mind the needs of the industry.
- c. Both Parties, as deemed necessary and upon mutual agreement, can jointly collaborate with other external parties.
- d. The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2 : SCOPE OF THE MOU

- a. The budding graduates from the institutions could play a key role in technological upgradation, innovation and sustainability competitiveness of an industry. Both Parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge, to make them more employable and deployable.
- b. **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching/training methodology and suitably customize the curriculum, with a focus on sustainability and ESG practices, so that the students fit into the industrial scenario meaningfully.
- c. **Industrial Training & Visits:** Industry and Institution interaction will give an insight into the latest developments/requirements of the industry; the Second Party shall permit the Faculty and Students of the First Party to visit its recycling and production facilities and also involve them in Industrial Training Programs. The Second Party will provide its labs/workshops/industrial sites for hands-on training of the learners enrolled with the First Party.
- d. **Internships and Placement of Students:** The Second Party will actively engage to support the delivery of internships and placement of students of the First Party, in accordance with the AICTE Internship Policy and the Second Party's established or mutually defined internship practices, as applicable.
- e. **Research and Development:** Both Parties have agreed to carry out joint research activities, wherever possible, in fields such as the circular economy, sustainable materials, and plastic-waste management technologies, as per the dynamic requirement of industrial needs. Particular attention shall be given to the business domains of the Second Party.

- f. **Skill Development Programs:** Second Party will train the students of the First Party on emerging sustainability and ESG-related technologies and practices to bridge the skill gap and make them industry-ready, i.e. employable or deployable.
- g. **Guest Lectures:** Second Party will extend necessary support to deliver guest lectures to the students of the First Party on sustainability trends, ESG practices and the circular economy.
- h. **Faculty Development Programs:** Second Party will train the Faculty members of the First Party for imparting industrial exposure/training as per the industrial requirement, considering the National Occupational Standards in the concerned sector, if available. The Second Party shall invite faculty members of the First Party to attend or participate in training programs or seminars conducted by the Second Party.
- i. **Sustainability Consultancy Services:** The Second Party may extend ESG and sustainability consultancy services to the First Party, including waste audits, sustainability policy guidance and best-practice recommendations for the campus. The terms and scope of such consultancy shall be mutually agreed upon in writing on a case-by-case basis. Any financial implications, if applicable, will be addressed through separate agreements.
- j. **Joint Workshops and Seminars:** Both Parties may jointly organize technical workshops, seminars, and symposiums on emerging trends in sustainability, circular economy practices, and ESG, to foster academic and professional development.
- k. **Access to Laboratories and Facilities:** The First Party may provide access to its laboratories and research facilities for data analysis or software simulations, and the Second Party may provide access to its recycling and production facilities, as required for mutually agreed projects or studies.
- l. **Student Project Sponsorship:** The Second Party may sponsor or co-guide selected final year or postgraduate student projects aligned with circular-economy practices, sustainable technology, or plastic-waste management.
- m. **Collaborative Publications:** Both Parties may work toward publishing joint research papers, case studies or technical articles based on collaborative work, projects, or consultancy assignments.
- n. **Curriculum Enrichment through Data:** The Second Party may share anonymized data (waste-processing data, production metrics, sustainability impact data, etc.) for use in classroom instruction or live case-study analysis.
- o. **Sustainability & Green Practices Initiative:** Both Parties may collaborate on promoting sustainable practices, including the use of eco-friendly materials, waste minimization strategies, ESG awareness campaigns, and green rating/certification awareness (e.g. GRIHA, IGBC, ISO 14001).
- p. Both Parties will obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs under the terms specified herein.
- q. **There is no financial commitment** on the part of either Party. If there is any financial consideration, it will be dealt with separately.

CLAUSE 3 : INTELLECTUAL PROPERTY

Nothing contained in this MOU shall, by express grant, implication, estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copyrights and designs) of the other Party.

CLAUSE 4 : VALIDITY

- a. This Agreement will be valid for Three (3) years from the date of execution, or until it is expressly terminated by either Party on mutually agreed terms, during which period the Second Party will take effective steps for implementation of this MOU. Any act on the part of the Second Party after termination of this Agreement, by way of communication, correspondence, etc., shall not be construed as an extension of this MOU.
- b. Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of termination, both Parties must discharge their respective obligations.

CLAUSE 5 : RELATIONSHIP BETWEEN THE PARTIES

It is expressly agreed that both Parties are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

CLAUSE 6 : ROLES AND RESPONSIBILITIES

Responsibilities of TechZGreen (Second Party):

- a. Conduct ESG (Environmental, Social & Governance) awareness and sustainability assessments for the institution.
- b. Deliver training programmes through qualified and experienced trainers.
- c. Provide certificates for all completed programmes (paid/unpaid).
- d. Collaborate in setting up a centre of excellence or industry lab, if mutually agreed.
- e. Guide the institution in developing and implementing sustainability policies and practices.
- f. Facilitate industry partnerships and sustainability-focused projects for students.

Responsibilities of the First Party (Department of AI & DS, JEC):

- a. Share student participation lists in advance for event planning.
 - b. Provide infrastructure such as computer labs, internet, and classrooms.
 - c. Assign faculty coordinators for supporting events and trainings.
 - d. Promote all programmes and encourage active student and faculty participation.
 - e. Ensure a minimum batch size of 25 students for training programmes and workshops (flexible by mutual agreement).
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