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First Party Name

: Dr ALWYN VARGHESE

First Party Address

: HEAD OF THE DEPARTMENT CIVIL ENGINEERING
JYOTHI ENGINEERING COLLEGE (AUTONOMOUS)
CHERUTHURUTHY

Second Party Name

: REJI ZACHARIAH DIRECTOR

Second Party Address

: S AND R CONSULTANTS ,ELAMKULAM,KOCHI

Vendor Code & Name

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after called as the 'MoU') is made and entered into on between the Department of Civil Engineering, Jyothi Engineering College (Autonomous), Cheruthuruthy, Kerala, India, represented herein by its Head of the Department, Dr. Alwyn Varghese.

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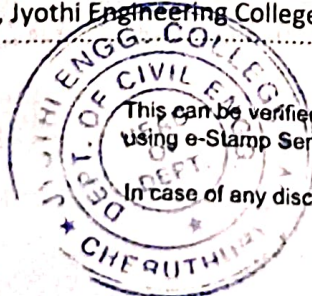
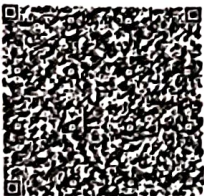
S & R Consultants, 2nd Floor, S & R Building, Soonoro Church, 1st Cross Road, Elamkulam, Kochi, Kerala, India represented herein by its Director, Mr. Reji Zachariah.



Dr. Alwyn Varghese
HOD, CE Dept., Jyothi Engineering College.




Mr. Reji Zachariah
Director, S & R Consultants



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N. Ramachandran
Stamp Vendor
Shoranur

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Jyothi
Engineering College
(AUTONOMOUS)

Reaccredited with NAAC (Grade A) and
NBA Programmes (CE, CS, EC, EE, ME, MR)
Jyothi Hills, P. O. Vettikkattiri, Cheruthuruthy
Thrissur, Kerala, India, 679531
04884 259000 | info@jecc.ac.in | www.jecc.ac.in

Approved by AICTE & Affiliated to APJ Abdul Kalam Technological University
A Centre of Excellence in Science and Technology by the Catholic Archdiocese of Trichur

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after called as the 'MoU') is made and entered into on between the Department of Civil Engineering, Jyothi Engineering College (Autonomous), Cheruthuruthy, Kerala, India, represented herein by its Head of the Department, Dr. Alwyn Varghese (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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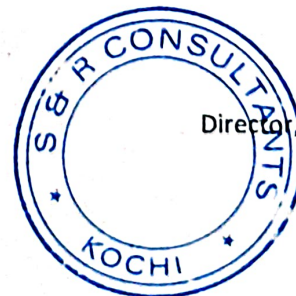
S & R Consultants, 2nd Floor, S & R Building, Soonoro Church, 1st Cross Road, Elamkulam, Kochi, Kerala, India represented herein by its Director, Mr. Reji Zachariah. (hereinafter referred to as the 'Second Party', which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns).

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

WHEREAS,

- A. The First Party is the Department of Civil Engineering, 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) program in Civil Engineering, postgraduate (M.Tech) program in Transportation Engineering and doctoral (Ph.D.) program in Civil Engineering.


Dr. Alwyn Varghese
HOD, CE Dept., Jyothi Engineering College.

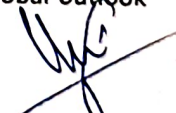



Mr. Reji Zachariah
Director, S & R Consultants

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- B. The Second Party is **S & R Consultants, 2nd Floor, S & R Building, Soonoro Church, 1st Cross Road, Elamkulam, Kochi , Kerala, India, PIN: 682 020**. It is a Kochi-based engineering firm in Kerala, India, providing specialized services to the construction industry for over two decades. The firm offers comprehensive solutions in structural and geotechnical design, project management, software development, ERP implementation, training, and construction support services. With a proven track record of successfully delivering more than 2000 projects and managing over 60 ongoing projects, S&R Consultants combines technical expertise, advanced software integration, and professional project execution to deliver reliable, economical, and technology-driven solutions to its clients.
- C. First Party & Second Party agree to establish a **self-sustaining Digital Design & Construction Management Hub** at Jyothi Engineering College to bridge the gap between academic learning and real-world structural engineering and construction management practices, to produce industry-ready graduate engineers.
- D. The Parties intend to cooperate and focus their efforts on cooperation aimed at enhancing student employability, strengthening practical engineering competencies, and promoting continuous industry-academia engagement through the Design Hub.
- E. Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;
- F. **Jyothi Engineering College (JEC), Cheruthuruthy, Thrissur, Kerala – 679531**, is an autonomous institution established in 2002 under the aegis of the **Trichur Educational Trust**, founded by the **Catholic Archdiocese of Thrissur**. The institute is 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. With the **autonomous status** conferment in 2025, JEC leverages its academic flexibility to design and implement industry-relevant curricula that foster hands-on learning and promote a research-oriented academic culture. The college offers **8 undergraduate (B.Tech), 4 postgraduate (M.Tech), and 7 doctoral (PhD)** 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.


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HOD, CE Dept., Jyothi Engineering College.


Mr. Reji Zachariah
Director, S & R Consultants



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G. S & R Consultants is an established engineering consultancy firm headquartered in Kochi, Kerala, India, serving the construction industry with a strong focus on quality, innovation, and professionalism. Since its inception, the firm has built a reputation for delivering effective engineering solutions across industrial, commercial, and residential projects. Guided by a commitment to the highest standards of technical excellence, S & R Consultants has successfully completed over 2000 projects in structural and geotechnical design, detailing, and construction management, and currently manages more than 60 active projects. The firm offers a wide range of multidisciplinary services including structural design, geotechnical engineering, project management, quantity surveying, quality control, shop drawings, and construction ERP solutions. Its structural design process follows a rigorous three-stage checking and review system to ensure accuracy and reliability. S & R Consultants utilizes advanced design and BIM-enabled software such as ETABS, STAAD Pro, AutoCAD, Revit, and its proprietary in-house platform Aadspro, enabling seamless integration of analysis, detailing, estimation, bar bending schedules, and project optimization. These capabilities allow the firm to deliver cost-effective designs, minimize material wastage, and enhance construction efficiency.

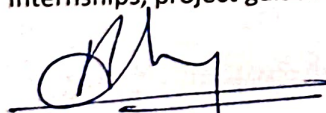
In addition to consultancy services, S & R Consultants is actively involved in software development, professional training, and internship programs aimed at skill development and industry readiness. Through products such as Aadspro ERP, EstimaX Pro, Optimax, and Aadspro Design & Detailing, the firm supports digital transformation in construction project management and execution. The organization also collaborates with leading developers, infrastructure agencies, architects, and engineering firms, reinforcing its position as a reliable technology-driven partner committed to connecting engineering excellence with practical construction solutions.

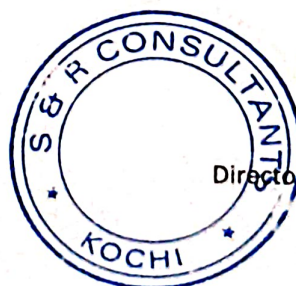
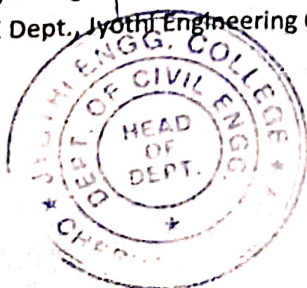
NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES AND COVENANTS CONTAINED HEREIN, THE PARTIES HEREBY AGREE AS FOLLOWS:

CLAUSE 1: CO-OPERATION

1.1 Both Parties, sharing common objectives in education, skill development, research, and industry engagement, agree to establish and maintain effective channels of communication and cooperation. Such cooperation shall promote academic excellence, industry relevance, and professional development through activities conducted within the Jyothi Engineering College campus and other mutually agreed locations.

1.2 The cooperation between the First Party and the Second Party shall enable the effective utilization of the academic, intellectual, and professional expertise of the faculty of the First Party and the industry experience and technical capabilities of the Second Party. This collaboration shall support the development of industry-oriented teaching methodologies, training programs, internships, project guidance, and exposure to contemporary engineering practices.


Dr. Alwyn Varghese
HOD, CE Dept., Jyothi Engineering College.




Mr. Reji Zachariah
Director, S & R Consultants

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1.3 The Parties may, upon mutual consent, jointly undertake or collaborate with external academic institutions, research organizations, industry partners, or government agencies for activities aligned with the objectives of this MoU, including training programs, workshops, seminars, live projects, and research initiatives.

1.4 This MoU sets out the general framework for cooperation between the Parties. Specific activities undertaken pursuant to this MoU may be governed by separate written agreements, addenda, or work orders ("Definitive Documents"), as mutually agreed. This MoU, together with any such Definitive Documents, shall constitute the entire understanding between the Parties with respect to the subject matter herein and shall supersede any prior understandings, whether written or oral.

CLAUSE 2: SCOPE OF THE MoU

2.1 The scope of this MoU is to establish and operate an Industry-Academia Design Hub aimed at enhancing the technical competence, employability, and industry readiness of students of the First Party through structured training, live project exposure, and continuous mentoring by the Second Party.

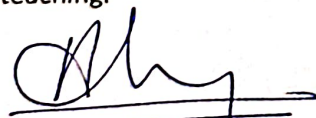
2.2 Curriculum Support and Training Design: The Second Party shall provide inputs to the First Party in the design and delivery of industry-oriented training modules, including structural design, project management, estimation, bar bending schedules (BBS), quality control, BIM, ERP-based project execution, and related software tools, in alignment with prevailing industry practices.

2.3 Student Training and Skill Development: Students from the second, third, and fourth years of the Civil Engineering program of the First Party shall be trained annually under a rolling model. Training shall include hands-on software usage, case studies, sample projects, and live project simulations conducted during off-hours and semester breaks, as mutually agreed.

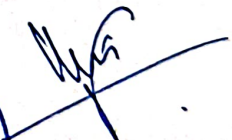
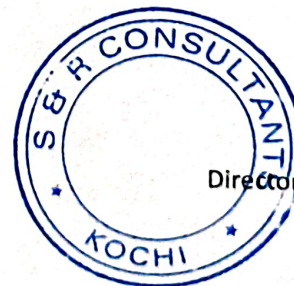
2.4 Live Projects and Practical Exposure: Selected students shall be provided exposure to live or previously executed projects of the Second Party, including projects in and around Thrissur, under guided supervision. Such exposure shall aim to bridge the gap between academic learning and real-world engineering practice.

2.5 Internships and Earn-While-Learn Opportunities: The Second Party shall support the engagement of selected students for internships, project-based assignments, or task-specific contributions, in accordance with applicable AICTE Internship Guidelines and the internal policies of the Second Party. Students demonstrating independent competency in specific processes may be compensated for their contributions, subject to mutual agreement.

2.6 Faculty Participation and Knowledge Exchange: Faculty members of the First Party may participate in training programs, reviews, project discussions, and mentoring activities conducted under the Design Hub to enhance industry exposure and integrate practical insights into classroom teaching.



Dr. Alwyn Varghese
HOD, CE Dept., Youth Engineering College.



Mr. Reji Zachariah
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2.7 Project Management and ERP Exposure: The Design Hub shall provide exposure to ERP-based project management systems, including planning, estimation, billing, material management, quality control, and reporting workflows, using industry-standard and proprietary software tools of the Second Party.

2.8 Workshops, Guest Lectures, and Seminars: The Second Party shall extend support for delivering guest lectures, workshops, and technical sessions on contemporary topics in civil engineering, construction management, software applications, and emerging technologies, as mutually agreed.

2.9 Student Projects and Final Year Guidance: The Second Party may co-guide or mentor selected student projects, including final-year and postgraduate projects, aligned with real-life engineering problems, design challenges, or ongoing professional assignments.

2.10 Confidentiality and Data Usage: Any drawings, models, software access, project data, or site information shared under this MoU shall be used strictly for academic and training purposes. Students and faculty shall comply with confidentiality requirements prescribed by the Second Party.

2.11 Sustainability and Best Practices: Both Parties may collaborate to promote sustainable construction practices, optimization of resources, waste reduction, and awareness of green building concepts as part of training, projects, and knowledge-sharing initiatives.

2.12 Approvals and Compliance: Each Party shall obtain all necessary internal approvals, permissions, and consents required for the implementation of activities under this MoU.


2.13 Financial Understanding: This MoU does not create any automatic financial obligation on either Party. Any financial arrangements related to training, internships, project execution, or services shall be mutually agreed upon in writing through separate agreements or annexures.

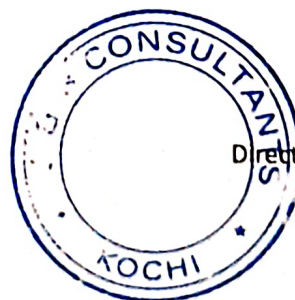
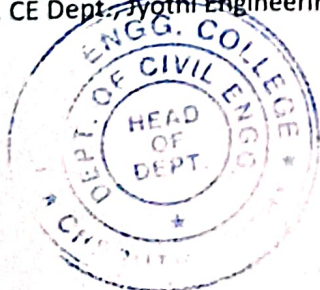
CLAUSE 3: INTELLECTUAL PROPERTY

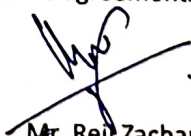
3.1 Nothing contained in this MoU shall, by express grant, implication, estoppel, or otherwise, be construed as conferring upon either Party any right, title, interest, or license in or to the intellectual property of the other Party, including but not limited to know-how, proprietary software, training materials, designs, drawings, methodologies, inventions, patents, copyrights, trademarks, or trade secrets.

3.2 All intellectual property developed independently by either Party prior to or outside the scope of this MoU shall remain the sole property of the respective Party.

3.3 Any intellectual property jointly developed in the course of activities undertaken pursuant to this MoU shall be governed by mutually agreed written terms, to be set out in separate agreements or annexures, as applicable.


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HOD, CE Dept., Jayothi Engineering College.




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Director, S & R Consultants

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3.4 Students and faculty participating in the Design Hub shall comply with the intellectual property and confidentiality policies prescribed by the Second Party with respect to project data, software tools, design outputs, and proprietary processes.

CLAUSE 4: VALIDITY AND TERMINATION

4.1 This MoU shall come into effect from the date of its execution and shall remain valid for a period of **three (3) years**, unless terminated earlier by either Party in accordance with the provisions of this clause.

4.2 Either Party may terminate this MoU by giving **thirty (30) calendar days' prior written notice** to the other Party, stating the reasons for termination.

4.3 Upon termination or expiry of this MoU, ongoing activities may be concluded by mutual consent, and both Parties shall ensure the orderly completion or discontinuation of such activities without prejudice to any rights or obligations accrued prior to termination.

CLAUSE 5: RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that the Parties are acting as **independent entities** under this MoU. Nothing contained herein shall be deemed or construed to create a partnership, joint venture, agency, employer–employee relationship, or any other legal association between the Parties.

5.2 Neither Party shall have the authority to represent, bind, or incur any obligation or liability on behalf of the other Party without prior written consent.

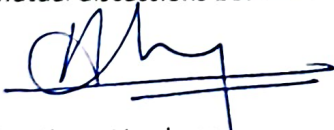
5.3 Neither Party shall use the name, logo, or branding of the other Party for promotional or commercial purposes without the prior written approval of the other Party, except where such use is required for academic reporting, accreditation, or statutory disclosures.

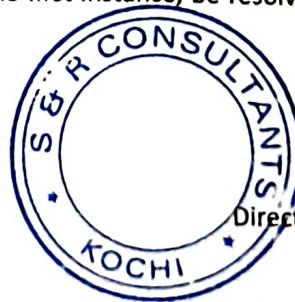
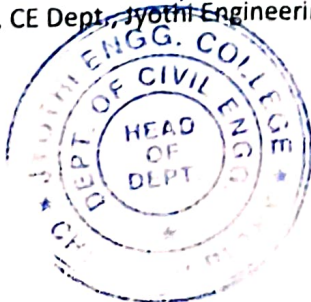
5.4 Charges per hour will be 400 for taking classes not mentioned, as this can be mutually agreed as a separate agreement.


5.5 Safety during site visits, Cost of transportation of site visits, hardware requirements, third-party software other than created by the second party, will be the responsibility of students.

CLAUSE 6: DISPUTE RESOLUTION AND JURISDICTION

6.1 Any dispute, difference, or disagreement arising out of or in connection with the interpretation, implementation, or operation of this MoU shall, in the first instance, be resolved amicably through mutual discussions between the Parties.


Dr. Alwyn Varghese
HOD, CE Dept., Jyothi Engineering College.



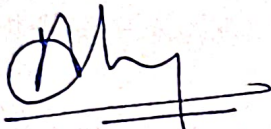

Mr. Reji Zachariah
Director, S & R Consultants

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6.2 If the dispute is not resolved through such discussions within a reasonable time, the same shall be referred to arbitration in accordance with the provisions of the **Arbitration and Conciliation Act, 1996**, as amended from time to time.

6.3 The seat and venue of arbitration shall be Thrissur, Kerala, and the proceedings shall be conducted in the English language.

6.4 This MoU shall be governed by and construed in accordance with the laws of India, and subject to the arbitration clause above, the courts at Thrissur, Kerala shall have exclusive jurisdiction.



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