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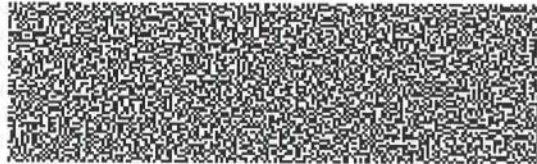
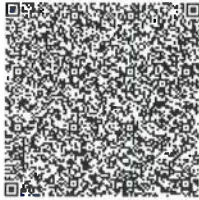
INDIA NON JUDICIAL

Government of Karnataka

Rs. 600

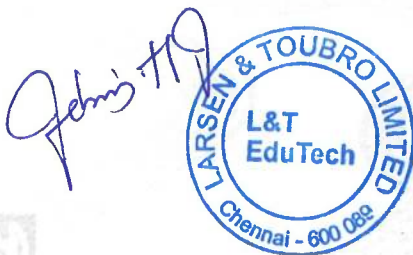
e-Stamp

Certificate No. : IN-KA71434095408266V
Certificate Issued Date : 15-Dec-2023 04:11 PM
Account Reference : NONACC (FI)/ kaksfcl08/ MANIPAL1/ KA-UD
Unique Doc. Reference : SUBIN-KAKAKSFCL0809710314311509V
Purchased by : MANIPAL ACADEMY OF HIGHER EDUCATION
Description of Document : Article 5(J) Agreement (In any other cases)
Property Description : AGREEMENT
Consideration Price (Rs.) : 0
(Zero)
First Party : LARSEN AND TOUBRO LIMITED
Second Party : MANIPAL ACADEMY OF HIGHER EDUCATION
Stamp Duty Paid By : MANIPAL ACADEMY OF HIGHER EDUCATION
Stamp Duty Amount(Rs.) : 600
(Six Hundred only)



Please write or type below this line

This stamp paper forms an integral part of AGREEMENT executed between LARSEN & TOUBRO LIMITED and MANIPAL ACADEMY OF HIGHER EDUCATION.



Statutory Alert:

1. The authenticity of this Stamp certificate should be verified at 'www.shcilestamp.com' or using e-Stamp Mobile App of Stock Holding. Any discrepancy in the details on this Certificate and as available on the website / Mobile App renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

AGREEMENT

This **Agreement** is entered into on the 15th day of December 2023, by and between:

Larsen & Toubro Limited, a company organized and validly existing under the laws of India, having a registered office located at L&T House, Narottam Morarji Marg, Ballard Estate, Mumbai – 400001, India and its business vertical L&T EduTech having its office at TCTC 1st floor, Mount Poonamallee Road, Manapakkam, Chennai – 600089, India (hereinafter referred to as “**L&T EduTech**” or “**First Party**”, unless it be repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the FIRST PARTY.

AND

Manipal Academy of Higher Education, a deemed to be university under Section 3 of the UGC Act, 1956 and having its registered office at manipal.edu Building, Madhav Nagar, Manipal – 576104, Karnataka (hereinafter referred to as “**MAHE**” or “**Second Party**”, unless it be repugnant to the context or meaning thereof, be deemed to mean and include its successors and permitted assigns) of the SECOND PARTY.

L&T EduTech and MAHE are hereinafter referred to as such or collectively as “**Parties**” and individually as “**Party**”.

WHEREAS –

1. L&T is one of the leading engineering conglomerates operating at various parts of the globe providing technology, engineering, construction manufacturing and services including learning and assessment solutions and platforms through its EduTech business unit.
2. L&T EduTech is a new business unit from L&T, which aims to bridge the gap between industry and academia. The core objective would be to enhance the employability of students as well as aspiring professionals across various engineering & technology sectors. Keeping the focus on employability, L&T has launched a series of industry-led application-oriented courses under its product portfolio - L&T College Connect (“**College Connect Program**” or “**L&T College Connect Program**”).
3. MAHE, an institute of eminence and deemed-to-be-university, is a leading university with extensive technical and professional expertise and facilities to provide education, training, and conduct research in various fields, through its constituent units. **Manipal Institute of Technology, Manipal (MIT)** is a constituent unit of MAHE established in 1957, imparting quality engineering education to young professionals offering B.Tech., M.Tech. and doctoral programs.
4. L&T EduTech will provide its College Connect Program to the students of MAHE.
5. MAHE has accepted L&T EduTech’s offer and agrees to enrol its students for the College Connect



Program under:

- a. Program in E-Mobility and Electric Vehicles.
6. Parties are desirous of entering into this Agreement to set out their mutual understanding in this regard.

NOW THESE PRESENTS WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS FOLLOWS:

1. Scope of the Agreement:

- a. L&T EduTech has developed a solution to bridge the industry-academia gaps in present-day curricula by providing application-oriented courses which are in-tune with future requirements to deliver career and learning outcomes
- b. MAHE agrees to cooperate and provide the solicited inputs, infrastructure support etc. to L&T EduTech.
- c. MAHE shall enrol students into the L&T College Connect Program as set out in this Agreement.
- d. L&T EduTech shall deliver the course content as applicable for Program in E-Mobility and Electric Vehicles.
- e. Parties shall set up a committee consisting of 2 (two) members from each Party, who shall monitor the progress under this Agreement on a periodic basis.

2. Product Details:

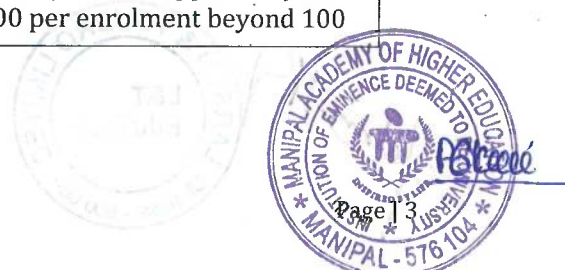
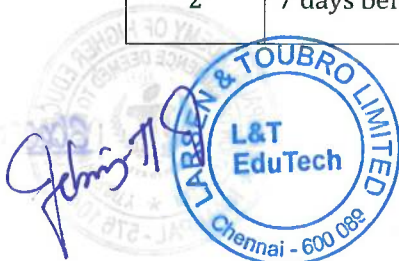
Program in E-Mobility and Electric Vehicles

Investment Value	Scope of Proposal	Enrolment
Rs.40,00,000+ GST	Advanced specialization stack (Mechanical, Electrical, or allied branches) as discussed in Annexure – Courses.	Institute can take up to 100 students in a batch. The investment covers the fee for 3 years of program delivery
Rs. 40,000 + GST for each enrolment beyond 100		

3. Payment Terms:

- a. Program in E-Mobility and Electric Vehicles: MAHE shall pay L&T EduTech for each batch in manner tabulated below:

Tranche	Payment Schedule	Amount
1	At the time of signing of the Agreement	Rs 15,00,000 (+ GST as applicable) + Rs 15,000 per enrolment beyond 100
2	7 days before the start of 2 nd year	Rs 12,50,000 (+ GST as applicable) + Rs 12,500 per enrolment beyond 100



3	7 days before the start of 3 rd year	Rs 12,50,000 (+ GST as applicable) + Rs 12,500 per enrolment beyond 100
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- b. All payments made by MAHE to L&T EduTech under this Agreement shall be subject to TDS.
- c. At the beginning of each year, for each existing batch of program enrolled, based on the enrolled number of students and the year of the of program, L&T EduTech shall raise invoice as per the above table.
- d. MAHE shall make the payment after verifying the details of the invoice, 7 (seven) days before the commencement of the program.
- e. The engagement of L&T EduTech with MAHE is envisaged to continue on year-on-year basis for new batches enrolling to MAHE for the duration of the Agreement.
- f. The payments made by MAHE to L&T EduTech shall be non-refundable and non-adjustable against any other engagement with L&T EduTech.
- g. L&T EduTech shall set up a Center of Excellence (CoE) for delivering the Program in E-Mobility and Electric Vehicles in MAHE's campus with support of its Technology Partner after receipt of payment for first tranche for first batch. The scope of deliverables for the CoE are as detailed in Annexure 1.

4. Obligations of MAHE:

MAHE hereby agrees that it shall:

- a. Enrol students within respective courses at the start of Agreement date and ensure that the full amount is collected at the time of such enrolment from the student. The list of students enrolled can be shared with L&T EduTech and MAHE shall ensure that the correct name is printed in the certificate on successful completion.
- b. Provide a point of contact for all administrative and support function to ensure smooth implementation of the courses.
- c. Conduct periodic review to ensure on track implementation and share feedback with L&T EduTech as soon as possible and any necessary action required.
- d. Assign faculty members to be trained in the operation and maintenance of the CoE as detailed in the Annexure - COE.
- e. Provide necessary support for the establishment and operation of CoE in MAHE's campus.
- f. Ensure the timely payment of invoices as mentioned in the Clause 3.

5. Obligations of L&T EduTech:

L&T EduTech hereby agrees that it shall:

- a. Support in recommending the right courses as per the learning and career outcomes evinced for the students.
- b. Ensure that courses are live and available to students during the validity of the licenses.



- c. Share schedule of course delivery as agreed with MAHE.
- d. Provide SMEs for virtual or in-person classes as agreed for course wise delivery.
- e. Conduct assessments and evaluations, course wise and issue certificate on successful completion of the courses.
- f. Provide technical support to all enrolled students of MAHE regarding the online platform through which the courses are offered
- g. Establish the CoE in E-mobility and Electric Vehicles in MAHE's campus with support of its Technology Partner for delivery of Program in E-Mobility and Electric Vehicles as detailed in Annexure, based on Clause 3.

6. Representation and Warranties:

Parties hereby represent and warrant to each other that:

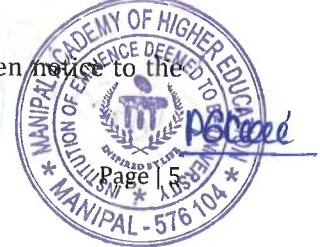
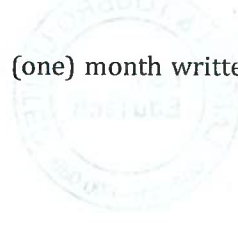
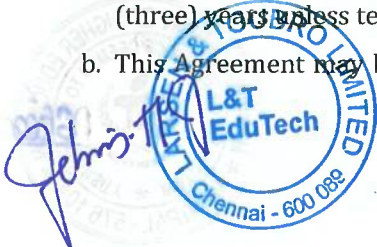
- a. entering and performing of this Agreement does not and will not conflict with any law, governmental rule / regulation or cause a breach of any other agreement to which either of the Parties is a party.
- b. it is duly organised and validly existing entity, and it has the power and authority to enter into and perform this Agreement and the signatory to this Agreement is duly authorised by it.

7. L&T Logo usage and Co-branding:

- a. MAHE will be provided with the option of using co-branded materials in its marketing campaign, certificates, student acquisition programs, etc., L&T EduTech shall provide MAHE with the marketing material and information and MAHE shall only use such material and information.
- b. MAHE may utilize L&T EduTech's logo and brand material (collectively referred to as the "**Brand Material**") subject to the payment of license fees against the first invoice raised by L&T EduTech as set out in clause 3 above. It is hereby clarified that MAHE shall be entitled to use L&T EduTech's Brand Material subject to the timely settlement of any and all subsequent invoices raised by L&T EduTech.
- c. L&T EduTech reserves the right to revoke the consent granted to MAHE to use its Brand Material at any time during the term of this Agreement. Upon such revocation MAHE shall cease using L&T EduTech's Brand Material with immediate effect.
- d. Usage of L&T EduTech's Brand Material shall be subject to the brand guidelines and approval of marketing or promotional material by L&T EduTech.

8. Term and Termination:

- a. This Agreement shall be with effect from 1st January 2024 and shall remain valid for a period of 3 (three) years unless terminated earlier.
- b. This Agreement may be terminated by either Party by giving 1 (one) month written notice to the



other Party.

- c. Either Party ("**Aggrieved Party**") shall be entitled to terminate this Agreement forthwith by issuance of a written notice to the other Party ("**Breaching Party**") due to a (a) breach of the terms and conditions of this Agreement including non-adherence to the stipulated timelines, failure or refusal to pay the fees, breach of clause 9 (*Intellectual Property Rights*) etc. Provided that the Aggrieved Party shall provide the Breaching Party with a written notice ("**Notice**") informing it of the occurrence of such breach and the Breaching Party fails or refuses to rectify the breach within a period of 7 (seven) days from the date of receipt of notice. The requirement of Notice shall be dispensed with if the breach is irremediable in nature.
- d. In the event of any termination, the ongoing College Connect Program shall be rendered to the students who had enrolled for the same prior to the termination of this Agreement. It is hereby clarified that the amount paid by MAHE prior to termination of this Agreement for availing the courses shall not be refunded under any circumstances.
- e. It is hereby agreed by the Parties that post termination of this Agreement for any reason, MAHE shall cease to provide the College Connect Program, either under the same name or a different brand name using the materials of L&T EduTech, to the students, and return all data, information of L&T EduTech that it may have access to and communicate to the students that the College Connect Program will be no longer offered through MAHE.

9. Confidentiality:

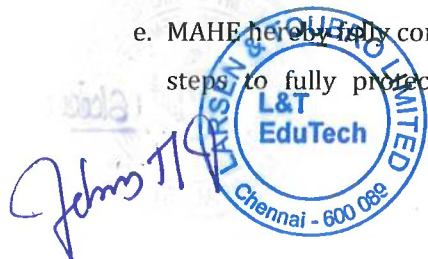
- a. Parties hereby agree that each Party may have access to Confidential Information of the other Party. Each Party agrees that it shall keep confidential all the information disclosed by the other Party and will use the same only for the purposes of this Agreement.
- b. Each Party also agrees that it shall not disclose to any person or entity any of the terms, conditions or other facts with respect to any such possible transaction including the status, which is confidential information without the consent of the other Party.
- c. For the purposes of this Agreement, Confidential Information shall mean any information provided by a Party to the other under this Agreement, including but not limited to, financial, marketing, technical, IPR, design, customer/learner information (sourced by L&T EduTech / MAHE) or other information of the disclosing Party.
- d. Parties also affirm that there shall not be any announcement made by either Party, till both Parties have approved the content of such an announcement.
- e. Nothing in the above clause prevents a Party from disclosing any Confidential Information:
 - i. to its employees, legal advisors and other consultants on a need-to-know basis (provided the Party uses reasonable endeavors to ensure that the relevant person is aware that the information is confidential and does not further disclose the information except in accordance with this clause);



- ii. if required by law, or regulatory authority;
- iii. to obtain any Regulatory or corporate approval, consent or authorization to enter into the transaction;
- iv. if required in connection with enforcement of any right or in defence of any claim, legal proceedings or dispute resolution procedure relating to or arising out of this Agreement.

10. Intellectual Property Rights:

- a. Intellectual Property Rights: Any and all Intellectual Property Rights (hereinafter referred to as "IPR") subsisting in the courses (now or in the future), including any and all patents, rights to inventions, copyright and related rights, trademarks, trade names and domain names, rights in get-up, rights in goodwill or to sue for passing off, rights in designs, rights in computer software, database rights, rights in confidential information (including know-how and trade secrets) and any other intellectual property rights, in each case, whether registered or unregistered, and including all applications (or rights to apply) for, and renewals or extensions of, such rights and all similar or equivalent rights or forms of protection which may now or in the future subsist in any part of the world).
- b. MAHE agrees that all products / such other things created solely by L&T EduTech or created by any third party/person on the instructions of L&T EduTech, and provided to MAHE under this Agreement, shall belong exclusively to L&T EduTech and no rights thereto shall accrue in any manner to MAHE.
- c. Under no circumstances will MAHE be entitled to claim the IPR (or any right of any kind) for any product, process, methodology, patent or any other thing of any nature whatsoever in relation to this Agreement. MAHE shall not be permitted to modify any Course materials being developed by L&T EduTech under this Agreement. Where MAHE develops any separate course materials solely without use of, or without reference to, the L&T EduTech course materials, then, MAHE will be entitled to claim IP over such independently developed course material.
- d. MAHE shall not, along with its student(s) / faculty / client(s) / sub-contractor(s), remove or alter any of the proprietary rights notices on any Confidential Information / courses it receives from L&T EduTech and will not attempt to recreate, update, modify, create derivative works, delete, destroy or deface the courses or Intellectual Property (or any part thereof) in any manner whatsoever. In no case shall MAHE or anybody connected to MAHE, either directly or indirectly, apply for or seek registration of or in any way use, in any country, the patents, know-how, trademark or any other intellectual property, designs, copyrights, trademarks, trade names or logos which are identical or confusingly similar to the patents, know-how, trademark or any other intellectual property, marks, trade names, logos, designs, etc., belonging to L&T EduTech.
- e. MAHE hereby fully confirms and commits that it shall take all necessary precautions, measures and steps to fully protect the Confidential Information of L&T EduTech from any unauthorized



disclosure, misuse or infringement in any manner.

- f. Upon any termination of this Agreement or upon breach by MAHE of any of the terms of this Agreement, MAHE shall cease using the L&T IPR and the courses forthwith.

11. Indemnity and Limitation of Liability:

- a. Each Party ("**Indemnifying Party**") hereby irrevocably and unconditionally agrees to indemnify and hold the other Party ("**Indemnified Party**"), its directors, officers and employees harmless from and against any and all liabilities, losses, damages, costs, claims, or the like (collectively "**Loss**") which may be suffered or incurred directly, including but not limited to any claim by third party, by Indemnified Party as a result of (i) any misrepresentation or material breach of any representation or warranty made by the Indemnifying Party in this Agreement or (ii) non-fulfilment of or failure to perform any covenant or obligation or agreement or undertaking contained in this Agreement by the Indemnifying Party or (iii) violation of confidentiality and intellectual property rights of the Indemnified Party.
- b. Except for loss or damages caused through proven gross negligence or wilful default, neither Party shall be liable to the other in contract, tort or otherwise, for any indirect, special, consequential or incidental damages, costs or expenses, arising under or in connection with this Agreement. Notwithstanding anything to the contrary, in no event shall the maximum liability of L&T EduTech under this Agreement exceed the amount of fees paid/payable by MAHE for a period of 3 (three) months immediately preceding the date of the claim.

12. Notices:

Except as otherwise specified in this Agreement, all notices, requests, consents, approvals, agreements, authorizations, acknowledgements, waivers and other communications required or permitted under this Agreement shall be in writing and shall be deemed to be given when sent by electronic mail to the electronic mail address specified below or delivered by hand to the address specified below. A copy of any such notice shall also be sent by registered mail or courier on the date such notice is transmitted by electronic mail, to the address specified below:

In the case of L&T EduTech:

Attn: Head – College Connect Business, L&T EduTech

Address: TCTC (First Floor), Larsen & Toubro Limited, Mount Poonamallee Road, Manapakkam, P.B.No.979, Chennai – 600089.

E-Mail ID: collegeconnect@lntedutech.com

In the case of MAHE:

Attn: Registrar, Manipal Academy of Higher Education

Address: manipal.edu Building, Madhav Nagar, Manipal – 576104, Karnataka



E-Mail: registrar@manipal.edu, with copy to: legal.mahe@manipal.edu & director.mit@manipal.edu

MAHE PAN Number: AAETM8695B

MAHE GST Number: 29AAETM8695B1Z4

13. Non-Solicit:

During the term of this Agreement and for a period of thirty-six (36) months thereafter, MAHE shall not directly or indirectly, knowingly recruit, hire, engage or solicit for employment any technical or professional employee of L&T EduTech, its Affiliates, sub-contractors, vendors, etc., unless otherwise agreed to in writing by the Parties.

14. Exclusivity:

L&T EduTech hereby agrees and acknowledges that MAHE has executed similar agreements with third party course providers. Similarly, MAHE hereby agrees and acknowledges that L&T EduTech shall be free to enter into similar agreements with third parties in respect of its College Connect Program. MAHE hereby agrees and states that it shall not share/disclose/use the course materials or any information pertaining to the course or otherwise made available to it by L&T EduTech with such third-party course providers under any circumstances in any manner. It is hereby agreed between the Parties hereto that any such act on the part of MAHE gives L&T EduTech the right to terminate this Agreement.

15. Entire Agreement:

This Agreement and the schedules, set forth constitute the entire agreement and 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 including any commercial and/or technical proposal made by MAHE to L&T EduTech.

16. Assignment Rights:

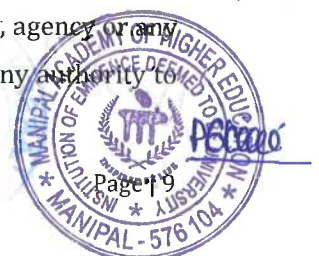
Neither Party shall assign or transfer its rights and liabilities hereunder to any other third-party without the prior written permission of the other Party, which will not be unreasonably withheld.

17. Survival:

Any provision of this Agreement that by their content are intended to survive the performance, termination, expiration or cancellation of this Agreement shall so survive.

18. No Partnership:

Nothing in this Agreement shall constitute or be deemed to constitute a partnership, agency or any other similar relationship between any of the parties and none of them shall have any authority to



bind the others in any way, whether contractually or otherwise.

19. Severability:

If any provision of this Agreement is held by a court of competent jurisdiction to be contrary to law, then the remaining provisions of this Agreement, if capable of substantial performance, shall remain in full force and effect.

20. Counterparts:

This Agreement may be executed in any number of counterparts, each of which will be deemed an original, but all of which taken together shall constitute one single agreement between the Parties.

21. Amendment:

This Agreement may be amended or modified in whole or in part with the mutual consent of the Parties to the Agreement in writing.

22. Costs of Enforcement:

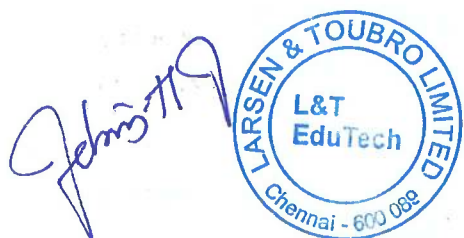
If either Party shall seek to enforce any provision of this Agreement, the prevailing party in any such legal action or proceeding shall be entitled to reasonable attorney's fees in addition to any other relief provided to the prevailing party.

23. Governing Law and Jurisdiction:

This Agreement shall be governed by the laws of India. The Parties hereby agree that the courts in Bengaluru, India will have the exclusive jurisdiction to try any disputes by and between the Parties.

24. Arbitration:

- a. Parties shall attempt in good faith, to resolve any controversy, claim, or dispute arising out of this Agreement through bilateral mutual negotiations. It is mutually agreed that in the event of any dispute or misunderstanding that might be arising between the Parties related to this Agreement, whether as to the interpretation of the terms and conditions contained herein and/or as to the determination of the respective rights and obligations, Parties herein shall resolve the same by way of referring the dispute to the arbitration of the sole arbitrator to be appointed by mutual consent. If the Parties herein failed to arrive at a consensus for the appointment of a sole arbitrator, each Party shall be entitled to appoint an arbitrator of their choice and the arbitrators so appointed in this regard shall by consensus appoint a third arbitrator, thereby forming an arbitration panel to resolve the dispute between the Parties herein. Each Party shall be liable to bear the cost of their respective Arbitration, unless otherwise adjudged by the arbitration panel.
- b. The award to be passed by the arbitration panel shall be final and binding on the Parties herein. The

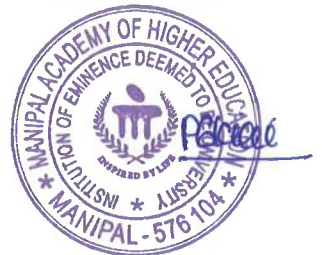
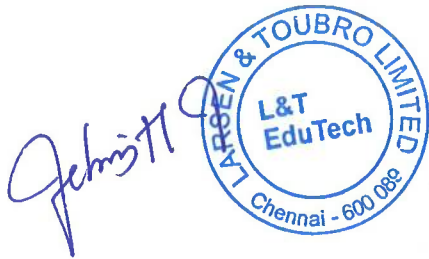


procedure as prescribed under the Arbitration of Conciliation Act 1996 shall be adopted in this regard. The law applicable shall be Indian Law and the venue of arbitration shall be Bengaluru, India.

25. Force Majeure:

The Parties shall be excused from delays in performing or from failing to perform its obligations under this Agreement or the indentures pursuant thereof to the extent the delays or failures result from causes beyond the reasonable control of the parties, including, but not limited to: acts of God; wars; Governmental actions; fire; flood; epidemic; and freight embargoes. However, there shall be an obligation on such repudiating party to give notice to the other ("**Affected Party**") regarding the invocation of the Force Majeure clause at the earliest possible. The Affected Party shall have the right to terminate this Agreement if the other Party is prevented from performing its obligations due to the subsistence of the Force Majeure Event beyond a period of 14 (fourteen) days.

[Rest of the page intentionally left blank. Signature page to follow.]



In Witness Whereof, Parties have hereunto set their hands and seals the day and year first above written.

Signed for and on behalf of:
Larsen & Toubro Limited

Signed for and on behalf of:
Manipal Academy of Higher Education

John H 9 27/12/2023
Authorized Signatory
Name: M. F. FEBINI
Title: Head - College Connect Business



P. G. K. K.

Authorized Signatory
Name:
Title: **REGISTRAR
MANIPAL ACADEMY OF HIGHER EDUCATION
MANIPAL**

Witness:

Mayank Rantani

Name: MAYANK RANTANI
Title: Regional Manager

A. K. Rana

Name: CDR (DR) A. K. Rana
Title: Director MIT

Annexure - Courses

The following courses shall be offered as a part of the Specialization in EV Program:

Advanced Specialization on Electric Vehicles (Mechanical)

S No	Courses Covered	Duration (hours)	Semester
1	Foundations of EV & Hybrid Vehicles	45	3
2	Automotive Mechanics for EV	45	4
3	EV Mechanical Design Development & Analysis	45	5
4	EV Product Development, Homologation & Hydrogen FCEV	45	6
5	EV FEA Analysis	45	7
6	EV Data Analytics & Cyber Security	45	8

Advanced Specialization on Electric Vehicles (Electrical)

S No	Courses Covered	Duration (hours)	Semester
1	Foundations of EV & Hybrid Vehicles	45	3
2	EV Battery Technology and Powertrain Development	45	4
3	EV Power Electronics & Embedded Systems	45	5
4	EV Charging Infrastructure, Vehicle Testing & Homologation	45	6
5	EV Vehicle Design & Analysis	45	7
6	EV PCB Design & Data Analytics	45	8

Course Delivery Model:

- Self-Learning & Supervisor Based Learning: 30 Hours
- Practical Hands-on Sessions: 15 Hours
- LIVE Sessions include Instructor led and project evaluation sessions.
- Weekly Tasks include assignments, Assessments, and course tests.
- Every course is blended with Projects.

Annexure - COE

L&T EduTech shall set up a standard lab which will act as a Centre of Excellence for EV training and hands-on learning. The e-mobility lab will consist of two equipment sets namely, Lab equipment for Two-wheeler segment and Lab equipment for Electronics & Embedded.

Role of L&T EduTech

- After agreement sign-off, as per provided Commercials – Clause 3, L&T EduTech shall commence the establishment of the CoE with standard lab facilities.
- To ensure the sustainability of this setup, L&T EduTech shall upskill two faculty members of the college in EV thereby enabling them to conduct experiments and maintain the EV requirements with proper care at the COE.
- Necessary lab manuals, experimental procedures and documentation shall be drafted for the trained faculty member to understand and work on the equipment.

Prerequisites from MAHE

- With minimum area of 400 - 600 Sqft, fully furnished air-conditioned space to be allotted by the MAHE for setting up of the EV lab. Lab should be provisioned with necessary power facilities, working tables and other furniture for placing the equipment.
- MAHE to provide linkage with existing basic automotive, electrical & electronics lab support.
- MAHE to provide access to existing computer design lab with primary software support.

Ownership and Maintenance of the CoE

1. After receiving the relevant milestone payment for the establishment of the CoE, L&T with support of its Technology Partner shall complete the setup in the MAHE campus, in accordance with the payment terms specified in this agreement.
2. L&T shall be the rightful owner of the CoE equipment until either a period of three years elapses from the setup of CoE or upon the successful completion of the program for the first batch of students, whichever occurs later.
3. Following the stipulated period mentioned in point 2 above and upon the college's fulfillment of its obligations, including milestone payments, L&T shall transfer ownership of the CoE equipment to the College.
4. The transfer of ownership shall be done free of cost to the MAHE.
5. Until the ownership transfer is complete, L&T is responsible for servicing and repairing the equipment, through its Technology Partner.
6. After transfer of ownership, maintenance and upkeep of the equipment may be extended to the MAHE by L&T on cost basis, with support of the TECHNOLOGY PARTNER, with mutual consent of both the parties.
7. In the event of contract termination after the ownership transfer, the College shall retain ownership of the CoE equipment. If the contract is terminated before the ownership transfer, for any reason, L&T shall assume custody of the CoE equipment.

1.Lab Equipment Set 1: 2-Wheeler Segment



Equipment Setup

EV Powertrain Components

- Electric Motor & controller system kit
- Inverter system
- Transmission system
- Battery Pack unit & Battery cells

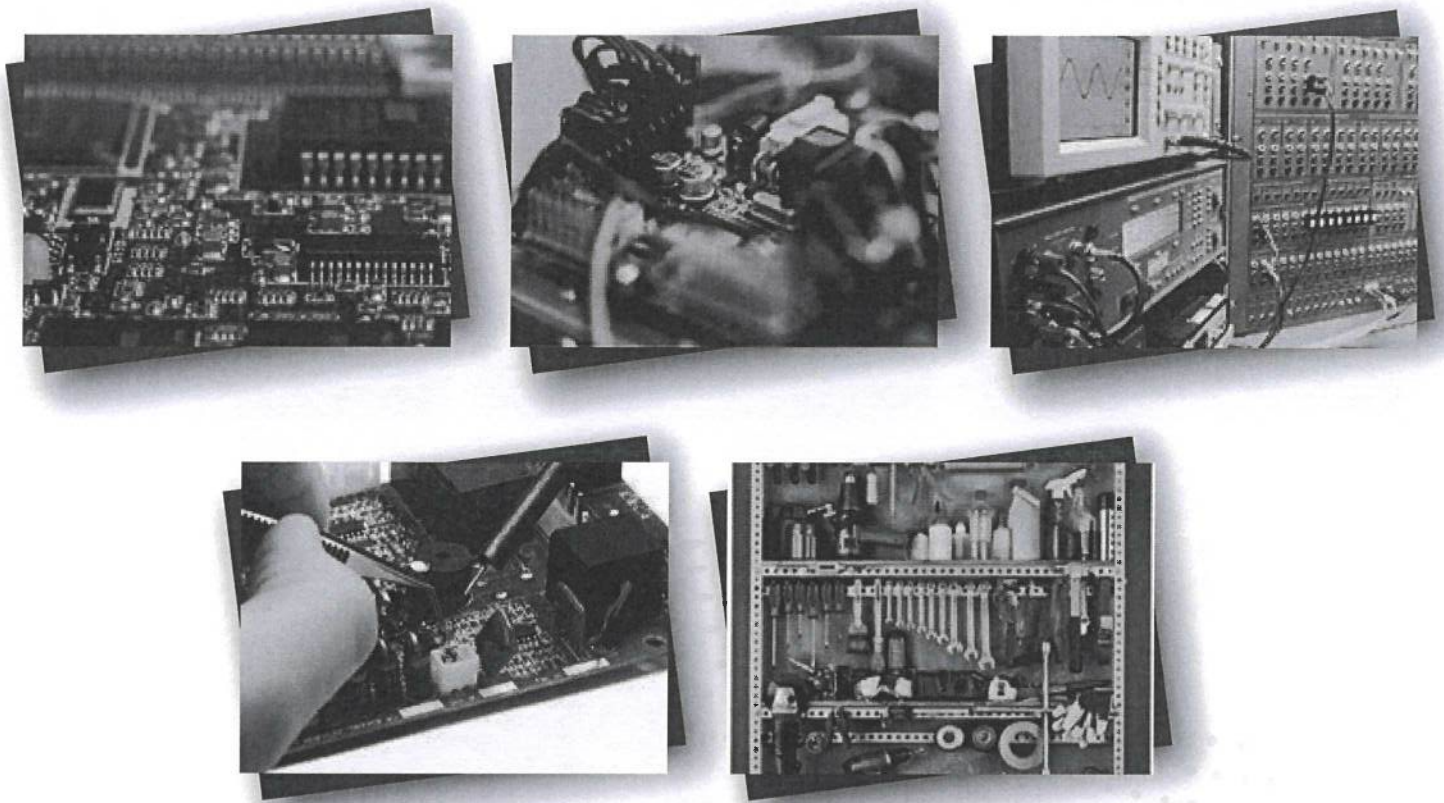
EV Testing & Diagnostics

- Battery Management System (BMS) equipment
- Inverter equipment: for testing the functionality of the inverter
- Motor equipment: for testing the functionality of the electric motor.
- Diagnostic tools: for diagnosing faults in EV systems and components.

EV Assembly & Disassembly

- Electric Vehicle Tool Kit: for repair, maintenance and troubleshooting of EV systems and components.
 - EV Disassembling: for disassembling and reassembling of EV systems and components.
- Electrical Safety Equipment:
- such as gloves, goggles, and ear protection, etc.

2.Lab Equipment Set 2: Electronics & Embedded



Equipment Setup

Embedded Systems Experimental Kit

- Microcontrollers: For example, Arduino or STM32 development boards can be used for prototyping and developing a custom BMS algorithm
- PCB development Embedded
- kits
- Sensor systems
- Embedded test equipment
- CAN bus interface: CAN bus is a common protocol used for communication between various systems in an EV, including the BMS

Other Facilities

- Large workshop area with EV servicing bays and charging infrastructure
- Dedicated classrooms with audio-visual equipment for lectures and training sessions
- Data acquisition system for monitoring and collecting data from the EV systems and components
- Experimental report and procedure.
- Manual support for students Faculty
- training manuals