



महाराष्ट्र MAHARASHTRA

● 2021 ●

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प्रधान मुद्रांक कार्यालय, मुंबई^१
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22 JUN 2021

सक्षम आधिकारी

श्री. एस. टि. आर्जवर्ण

AGREEMENT OF GRANT

This Memorandum of Understanding entered on day of July 2021 at Mumbai by and between

Larsen & Toubro Limited, a company within the provisions of the Companies Act, 2013, having its registered office at L&T House, Ballard Estate, Fort, Mumbai – 400 001, acting through its Corporate Social Responsibility Department located at Landmark, A Wing, 4th Floor, Suren Road, Off Andheri Kurla Road, Andheri (E), Mumbai- 400093, (hereinafter called "L&T" which expression shall unless repugnant to the meaning thereof mean and include its successors and assigns) of the FIRST PART.

AND

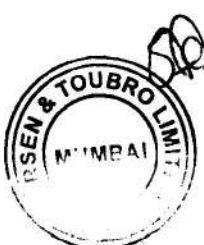
St. Joseph's Technical School, an institution, incorporated in 1973 registered under The Societies Registration Act, 1860, Maharashtra State, having Registration No. Bom. 63/73 G.B.B.S.D. , with Permanent Account Number AACTS0971N and having its registered office at Premier Automobiles Road, Kurla West, Mumbai 400070, India (hereinafter called "St. Josephs Technical School" which expression shall unless repugnant to the meaning thereof mean and include its successors and assigns) of the SECOND PART.

L&T and St. Josephs Technical School are hereinafter individually referred to as "the Party" and collectively referred to as "the Parties".



WHEREAS

- A. L&T is a major Indian multinational in technology, engineering, construction, manufacturing and financial services conglomerate, with global operations. L&T, inter alia, undertakes various social development programmes through interventions in water and sanitation related programmes, education, health and skill development as part of the strategic theme adopted, viz. "Building India's Social Infrastructure" under its CSR initiatives;
- B. St. Josephs Technical School has represented to L&T that it is committed to working closely with local communities, St. Josephs Technical School partners with The Salesians of Don Bosco. Founded in 1965, St. Josephs Technical School in collaboration with Don Bosco Institute of Technology (DBIT) has conducted a Skill Training Program for neighboring schools wherein more than 100 school students were trained in various vocational skills of standard 9th and 10th. Institute has trained more than 6000 women under the outreach program promoting entrepreneurship and livelihood skills. The organization has been extensively involved in the development of the tribal population of Walvanda, from teaching the children in the nearby shanties of Kurla to providing small technological solutions to problems of the tribal population of Walvanda.
- C. St. Josephs Technical School approached L&T in March 2020 with a proposal for initiating "Development of Center for Creative Explorations & Advanced Skilling in Technology for STEM (Science, Technology, Engineering and Mathematics)" in Don Bosco Centre for Learning (DBCL) Campus, Mumbai. The above proposal aims to establish an inclusive center for Creative Exploration and Advanced Skilling in Technology (CrEAST) within the premises of Don Bosco Center of Learning to induct girl students from underprivileged backgrounds and students with learning disabilities (LD) in STEM through experiential learning (hereinafter collectively referred to as the "Engineering Futures- CrEAST Program" more particularly as described in Annexure A hereto).
- D. St. Josephs Technical School has represented to L&T that it is capable of implementing the Project and submitted to L&T details of the Project to be implemented seeking financial grant (hereinafter called "Grant" or "Grant Amount") for the purpose of implementing the Project.
- E. St. Josephs Technical School further represented to L&T that nothing under any applicable laws or rules of the land or any orders/notices/notifications or alike issued by any



Government, any Authority or judicial/quasi-judicial forum which prevents St. Josephs Technical School from receiving Grant or monetary aid for undertaking charitable activities. St. Josephs Technical School has approached L&T for the above Program and sought for a financial grant of INR Rs. 5,36,800.00/- (Rupees Five Lakhs Thirty Six Thousand and Eight Hundred Only).

- F. As part of L&T's CSR initiative, after due diligence and verifying the information provided by St. Josephs Technical School, and after considering the fact that, CSR is implementing STEM Education Project called 'Engineering Futures' in government schools in four campuses across India for last two years, and extending the STEM Education project to schools and underprivileged communities in Mumbai, to prepare students for 21st century skills, would be in line with the vision of using technology in school education, and ensure that students continue to learn during the lockdown period, L&T has therefore agreed to provide financial support in the form of grant of INR Rs. 5,36,800.00/- (Rupees Five Lakhs Thirty Six Thousand and Eight Hundred Only), (hereinafter called "Grant" or "Grant Amount") on the assurance that the Grant Amount shall be utilized in accordance with the provisions of Section 135 of the Companies Act, 2013, as amended, to St. Josephs Technical School for implementing Program for the year 2021-22.
- G. This Agreement provides for the conceptual framework and implementation methodology for "Engineering Futures -CrEAST" project and for any change in the number of students, associated change in the budget, and the duration of the Agreement, the parties may enter into an addendum to this Agreement at the sole discretion of L&T, based on the review of performance of St. Josephs Technical School.
- H. The program as defined in this Agreement, shall be executed for the period of 6 months starting from 1st July 2021 and shall come to an end on December 2021 or any such date that may be mutually agreed in writing by the parties herein. The details of the project to be implemented in annexed as 'Annexure A' hereto.
- I. Further extension of the project period and support from L&T will be based on the review of the performance of the project referred to in this agreement.

NOW THEREFORE in consideration of the mutual covenants, terms, conditions and understandings set forth in this Agreement, the Parties with the intent to be legally bound, hereby agree as follows:

1. SCOPE



L&T agrees to support the training with 50 secondary students in grades 6th to 10th of at least three low income schools in Kurla region of Mumbai and one school for children with learning disability targeting and equip them with Spatial, digital and analytical skills that enhance both their classroom and out-of-school learning, more particularly described and provided in Annexure A hereto.

The aim of the project is to inspire young girls (and interested boys) from economically weaker communities and children with learning disabilities to pursue STEM careers through fun engaging curriculum so as to provide them equal employment & livelihood opportunities.

1.1. St. Josephs Technical School Shall,

- Instil confidence in students through structured training at different levels from Basic to Advanced reducing their fear towards STEM subject.
- Encourage & facilitate students to develop analytical & critical thinking skills and creativity quotient through Do It Yourself (DIY) techniques leading to life-long learning.
- Create awareness among students about several employment opportunities in STEM fields.
- Train and enable the students with learning disability to join mainstream society.

1.2. St. Josephs Technical School shall execute the Project in collaboration with Don Bosco Institute of Technology (DBIT) as implementing agency, and draw on existing local community institutions for the same by carrying out such activities that may be required to achieve the objectives of the Project.

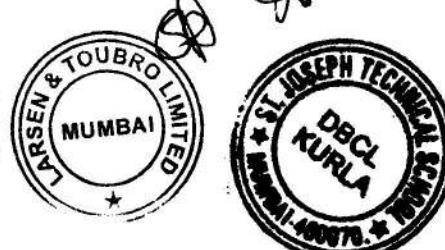
1.3. Expected Outputs

Expected outputs is provided in detail and marked as "Annexure C" viz. "Measurable Indicators and Expected Outputs", which is annexed hereto.

2. RESPONSIBILITIES OF L&T

2.1 L&T hereby agrees to release the Grant Amount for the Engineering Futures - CrEAST Program on the terms and conditions contained in this Agreement.

2.2 The Grant Amount shall be disbursed in the manner as provided in Annexure B2 of this Agreement as per the Program proposal in Annexure A2, annexed herewith.



L&T will

- conduct monthly review of program, as the case may be, after receiving the monthly report from St. Josephs Technical School;
- monitor Key Performance Indicators quarterly, in End September and December 2021, as stated in Annexure C as per the timeline stated in Annexure D hereto.

3. DISBURSEMENT OF FUNDS

3.1 The disbursement of the Grant Amount shall be made by L&T as per the disbursement schedule provided in Annexure B-2 of this Agreement.

3.2 The disbursements shall be subject to St. Josephs Technical School complying with the provisions of this Agreement, as may be applicable, and the disbursement procedure stipulated by L&T and the expenditure incurred being in consonance with the details mentioned herein and approved by L&T.

3.3 St. Josephs Technical School shall submit in original the Grant Payment Request Form to L&T. On perusal of the Grant Payment Request Form and on due completion of necessary checks and recommendations, L&T shall at its sole discretion disburse the Grant Amount in tranche(s) as specified in the disbursement schedule in Annexure B-2. All funds shall be directly deposited into the Bank Account of St. Josephs Technical School as per the details in Annexure B-2. St. Josephs Technical School shall be required to provide an audited Fund Utilization Certificate Biannual to L&T (As proof of utilization of Funds) prior to seeking any further Grant from L&T. The Fund Utilization Certificate shall be rendered by a practicing-chartered accountant appointed by St. Josephs Technical School and progress of activities will be verified by L&T. However, L&T shall have the discretion to ask for interim audited Fund Utilization Certificate, if required.

3.4 Disbursement to St. Josephs Technical School shall be made in Indian Rupees (INR) and Funds so disbursed shall be deposited by L&T in the designated bank account of St. Josephs Technical School. The name of the Bank, Bank Account name, Bank Account number, IFSC and address of the Bank shall be as provided in Annexure B-2 hereto.

3.5 L&T reserves the right to demand (with at least 7-10 days' notice) for proof of payment for any item of expenditure incurred by St. Josephs Technical School.

3.6 It is agreed and acknowledged by St. Josephs Technical School that the Project plan provided in Annexure D hereto, has been made taking into cognizance the current COVID-19 pandemic, St. Josephs Technical School will make efforts to ensure that the Project plan



is adhered to. In the event the implementation of the Program is not being conducted as per the implementation plan as provided in Annexure D hereto, then L&T shall have the right to withhold, reduce or stop the further tranche of Grant Amount or shall have the right to terminate this Agreement, until St. Josephs Technical School provides valid justification or takes steps to restore the objectives of implementation to remedy the breach within a period of 30 (thirty) days from the date of written intimation by St. Josephs Technical School; to the entire satisfaction of L&T. If St. Josephs Technical School fails to provide sufficient justifications, L&T shall have right to seek immediate refund of the Grant Amount from St. Josephs Technical School received in excess of the cost of implementation as determined after an audit of the Program carried out by St. Josephs Technical School or on its behalf.

3.7 The Grant' Amount shall be used by St. Josephs Technical School solely for the implementation of the Project. St. Josephs Technical School undertakes and represents that the Grant Amount shall not be used for any other purpose. St. Josephs Technical School undertakes that the Grant Amount shall not be used for payment of any outstanding loan or debts, due to any other person or entity. Any such action would be considered as material breach, entitling L&T to terminate the Agreement in terms of Clause 13.2.1. It is acknowledged and agreed by St. Josephs Technical School that Grant Amount shall not be used by St. Josephs Technical School to pay for administration, salaries, rent, communications, or any other expenses that are not defined or identified within the implementation plan under this Agreement.

3.8 It is hereby agreed by St. Josephs Technical School that there shall be no liability of interest payment on L&T in any circumstances.

4. RESPONSIBILITIES OF ST. JOSEPHS TECHNICAL SCHOOL

4.1. Program related

4.1.1. St. Josephs Technical School shall appoint qualified and competent staff to conduct and implement the Program effectively such as Program Coordinator, Course Designer, Course Facilitator, Teaching Assistants and Lab Technicians and required Resource Persons to execute the program and meet the objectives of this agreement mentioned herein above. St. Josephs Technical School agrees that the person so appointed shall be accessible and in communication with L&T at all times. St. Josephs



Technical School agrees that any change in the staff structure needs to be communicated to L&T.

- 4.1.2. St. Josephs Technical School shall share the profile of all resources involved in the Program with L&T.
- 4.1.3. St. Josephs Technical School shall display a sign-board of appropriate size at a prominently visible spot in the Institute mentioning this venture of L&T as per the standardized branding guideline of L&T, which may be provided on request.
- 4.1.4. St. Josephs Technical School shall maintain proper ambience of STEM lab in the institute with informative charts, display of class time-table, posters, photos, models, lighting etc. in consultation with L&T.
- 4.1.5. St. Josephs Technical School shall document and provide the period Program progress reports as per the agreed schedules.

4.2. Methodology

- 4.2.1. St. Josephs Technical School shall train students in the courses specified. These include lesson plans and guided activities.
- 4.2.2. These training sessions will be conducted at a frequency of 2 hours/ week as per the duration of each course.
- 4.2.3. St. Josephs Technical School shall conduct a STEM-based competition/fair/exhibition where students will have the opportunity to showcase the models they develop.
- 4.2.4. St. Josephs Technical School shall engage with the parents of the students /School Management Committee (SMC) to create awareness of the STEM program. The Resource Person will engage with the SMC to orient them and create awareness about the program.

4.3. Course Content & documentation:

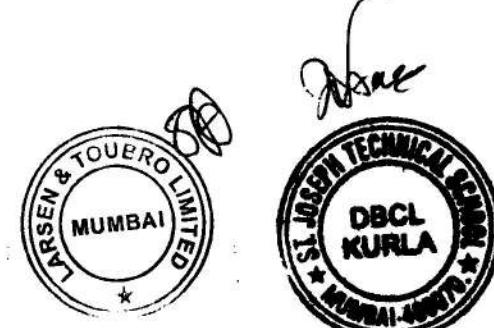
- 4.3.1. St. Josephs Technical School shall follow the course content, lesson plans and schedule for each course as designed by subject matter experts from St. Josephs Technical School and reviewed by L&T.
- 4.3.2. St. Josephs Technical School shall provide syllabus-based lesson plans for the courses included in the proposal.
- 4.3.3. St. Josephs Technical School shall lay down learning level/milestone according to the STEM-based curriculum.



- 4.3.4. St. Josephs Technical School shall provide teaching learning materials to the students to the courses included in the proposal.
- 4.3.5. St. Josephs Technical School shall separately track progress and learning levels of each of the child enrolled in the program and include the same in the reports sent to L&T in a mutually agreed upon formats.
- 4.3.6. St. Josephs Technical School documents like attendance registers for students/trainers, other staff admission forms, identity cards, syllabus, workbooks, certificates, monthly reports and registers of assets procured from the funds given by L&T should be as per the format approved by L&T.
- 4.3.7. The exclusive content created through financial support of L&T shall not be used for any other Program of St. Josephs Technical School without approval of and due credit to L&T.
- 4.3.8. All above documents are subject to inspection for L&T.
- 4.3.9. St. Josephs Technical School shall maintain a data-base of students benefited from the program, and will share the same with L&T.
- 4.3.10. St. Josephs Technical School shall have separate baseline and end line test. Report for each shall be shared separately, whereas comparative report of baseline vs. end line will be submitted at the end of the course.
- 4.3.11. St. Josephs Technical School shall document good practices, success stories with photographs and media coverage regarding their activities and share the same with L&T. Any media coverage as such shall have due credit to L&T with prior consent from L&T. St. Josephs Technical School shall facilitate collation of case studies, testimonials, pictures, videos from the Program.
- 4.3.12. St. Josephs Technical School shall submit monthly/quarterly/and end of the course report along with list of students and teachers with contact details.

4.4. Program related Monitoring and Evaluation:

- 4.4.1. St. Josephs Technical School shall:
 - Provide monthly and quarterly planning report to L&T or its representative agency with detail list of plans of activities
 - Provide monthly progress report of activities by 5th day of next month.
 - Provide quarterly progress report by 7th of the next month at end of each quarter from starting of the Agreement period



- Submit the reporting and monitoring formats to L&T as provided in Annexure E hereto.

4.4.2. Pre and Post Assessment:

A pre and post assessment will be done after each course to assess the learning levels of the students.

4.4.3. On-going Monitoring:

Operational effectiveness, quality and impact of the Program will be gauged at multiple levels by Coordinators, Program Coordinator and Program Head. The Program Coordinator will make quarterly presentations to L&T to take stock of the progress of implementation of the program and address the concerns and challenges faced in the schools.

4.5. Safety related

- 4.5.1. St. Josephs Technical School** shall ensure wellbeing and safety of children and teachers during engagement of the Program.

4.6. General terms

- 4.6.1.** St. Josephs Technical School shall meet the objectives set out in the Annexure A 2 hereto. L&T shall have right to verify compliance of the same with the assistance of a third party if it so desires.
- 4.6.2.** The Grant Amount released to St. Josephs Technical School shall be used by St. Josephs Technical School solely for the implementation of the Project. St. Josephs Technical School undertakes and represents that the Grant Amount shall not be used for any other purpose and in case of inability to do so, St. Josephs Technical School shall obtain L&T's prior written consent to apply the Grant Amount for such other purpose/Programs and within such stipulated period as L&T may deem fit which term shall be agreed in writing which option shall be exercisable by L&T at its sole discretion.
- 4.6.3.** St. Josephs Technical School shall maintain record of accounts for the said Program for the Grant Amounts received from L&T showing the receipt and application of funds therein and share the utilisation report with L&T from time to time as L&T may reasonably require. The details regarding the bank where the money is to be transferred including the bank name, account number, IFSC code as provided in Annexure B-2.



- 4.6.4. St. Josephs Technical School agrees that there shall be no spending / expenses incurred beyond the final Grant Amount period unless prior written approval is obtained from L&T.
- 4.6.5. St. Josephs Technical School shall issue a receipt for the Grant Amount received by it from L&T in a manner prescribed by L&T.
- 4.6.6. St. Josephs Technical School agrees that:
- Prior period items before execution of this Agreement shall not be included in budgets relating to Grant Amount.
 - Expenditure should be in line with approved line wise and sub line wise items. The modification (changes in quantity or unit cost) if any should be informed to L&T with justification in writing and changes in the budget can be made only after approval from L&T.
 - Bank Account shall be jointly operated by duly constituted representatives of St. Josephs Technical School
 - Blank signed cheques should not be maintained.
 - Cash payments shall be avoided and if necessary, should be within approved limits under the Income Tax Act, 1961 as amended from time to time.
- 4.6.7. St. Josephs Technical School shall send to L&T, such report in the format as prescribed by L&T on the utilization of the Grant Amount and at such periodicity as may have been mutually agreed to between the Parties and as mentioned as per the clause 7 below. St. Josephs Technical School appreciates that the provision of such reports forms a key element of its responsibilities as part of this Agreement, and that non-fulfilment of the same shall be considered as a default and in contravention to the provisions of this Agreement.
- 4.6.8. If St. Josephs Technical School fails, omits or neglects to observe or perform or commits or allows to be committed a breach of any of the terms and conditions of this Agreement on its part to be observed and performed for any reason whatsoever except when such failure is beyond St. Josephs Technical School's control, then L&T shall give written notice to St. Josephs Technical School to rectify such omission within a period of 30 days, failing which L&T shall be entitled to initiate appropriate legal proceedings to recover the Grant Amounts and/or termination of this Agreement and



reimburse along with damages and expenses without prejudice to any other right or remedy which L&T may have under the law and under this Agreement.

- 4.6.9. St. Josephs Technical School shall submit all necessary and relevant documents demonstrating that the Grant Amount has been utilized as per the Project proposals to the complete satisfaction of L&T and shall submit utilization reports certified by a Chartered Accountant. Notwithstanding the above, L&T shall have the right, at its own expense, to audit or review Project-related books and records as it may require and have free access to the books and records maintained by St. Josephs Technical School for the Project for the purpose of ascertaining the utilization of Grant Amount as per the Project Plan.
- 4.6.10. St. Josephs Technical School shall provide to L&T the Project related publications, data and reports, including internal reports, reports submitted to/by external evaluators (provided the external evaluators consent to it), studies and researches, statistics, and such other information from time to time, including financial information, as L&T or its representatives may require, for its own satisfaction, as well as in order to present the same in suitable formats and templates in its internal and external communication or for its audit purposes.
- 4.6.11. St. Josephs Technical School shall, if required, carry out such formalities as may be required to obtain suitable tax exemption or deduction status, or other tax benefits that may be available and if such benefits do accrue, the same shall be taken into account to calculate the actual costs, and such savings as accrue shall be deployed to create additional services. While L&T may provide advisory support and guidance to St. Josephs Technical School in this regard, the responsibility of obtaining such concessions shall vest with St. Josephs Technical School. In future if there are any new levies or reductions, fresh negotiations will be called for.
- 4.6.12. St. Josephs Technical School shall ensure that the Grant Amount received from L&T is used by end of 31st December 2021 or by such other date that may be mutually agreed to in writing by the Parties.
- 4.6.13. St. Josephs Technical School shall, in case there is any unspent balance from the Grant Amount provided after fulfilment of the said Purpose, or in case of failure to use the Grant Amount or any part thereof by the time provided for, utilize the funds



as specified by L&T for such purpose as may be mutually agreed to in writing by the Parties to fulfil the objectives of the Program. St. Josephs Technical School admits that end utilization of funds should be monitored closely by L&T.

- 4.6.14. The interest earned on the periodic un-utilized balance of Grant Amount received from L&T shall be utilized towards the objectives of this Project.
- 4.6.15. There shall be no borrowing or lending from/to the designated account by St. Josephs Technical School .
- 4.6.16. St. Josephs Technical School shall maintain adequate systems to track the usage of the Grant contributed by L&T and for reporting formats as applicable.
- 4.6.17. St. Josephs Technical School shall carry out statutory audits on time and provide all audit reports (statutory as well as internal) with regards to this Program to L&T on request as and when required. St. Josephs Technical School shall also permit an external audit or inspection of its books of accounts by L&T or any third-party auditor as appointed by L&T as per periodicity specified by L&T from time to time. St. Josephs Technical School shall permit to give access to governance documents and organization level financial documents to the auditors. L&T shall have right to audit St. Josephs Technical School books of accounts from which St. Josephs Technical School shall provide requisite support for which St. Josephs Technical School shall keep all the records.
- 4.6.18. St. Josephs Technical School shall not involve any third party as sponsor or vendor of the programme without prior written consent of L&T.
- 4.6.19. St. Josephs Technical School shall intimate L&T in writing immediately if their constitutional status changes from 'not-for-profit'.

4.7. Other Administrative Issues

- 4.7.1. All publicity handouts, banners, boards and the certificates issued to the students/teachers etc. will have names of both the collaborating partners. Provision, approval from L&T for such display material/ certificate shall be mandatory and any publicity/ display / communication material shall be prepared as per the Branding Guideline of L&T.
- 4.7.2. St. Josephs Technical School shall share the photographs and press cuttings relating to events organized for L&T.



4.7.3. Any posts by St. Josephs Technical School on social media regarding the Project will have L&T Logo as per the branding guideline of L&T and St. Josephs Technical School will tag the social media handles of L&T.

5. REPRESENTATIONS AND WARRANTIES:

5.1. St. Josephs Technical School hereby represents and warrants as follows:

- i. That the information given in the Project proposals and any prior or subsequent information or explanation furnished by St. Josephs Technical School to L&T are true, bona fide and accurate in all respects;
- ii. That St. Josephs Technical School does not violate and shall at all times abide by all the terms and conditions of this Agreement;
- iii. That it has and shall maintain the necessary infrastructure and assistance required for implementing the Project;
- iv. That it will ensure implementation of the Project as per Project plans.

5.2. L&T and its representatives shall have the right to present the content about the said Project and St. Josephs Technical School to the public in such formats, templates and manner as they deem fit.

5.3. St. Josephs Technical School warrants that it shall not represent to any beneficiary or any third party that it is acting on behalf of L&T and no one shall in St. Josephs Technical School create or allow the creation of the impression that L&T has any direct or indirect relationship with or liability to the beneficiaries or such third party. All such communications and contents thereof shall be approved by L&T in writing prior to its dispatch or release.

5.4. This Agreement is on a principal-to-principal basis between the Parties hereto. Nothing contained in this Agreement shall be construed or deemed to create any association, partnership or joint venture or employer-employee relationship or principal-agent relationship in any manner whatsoever between the Parties.

5.5. St. Josephs Technical School acknowledges that there is no commitment, implicit or otherwise, of continued support from L&T in any form and under any circumstances, beyond the terms of this Agreement. St. Josephs Technical School acknowledges that L&T's liability in any situation will be limited to the amount of Grant Amounts sanctioned for this Program as indicated in Annexure B 1.

5.6. St. Josephs Technical School acknowledges that at the end of this Agreement, the Program is subject to a review by L&T. The continuance of the Grant Amounts and extension of this



Agreement is subject to the approval of L&T. L&T reserves the right to continue, discontinue or reduce the quantum of the Grant Amounts at any time, during the duration of this Agreement.

- 5.7. St. Josephs Technical School acknowledges and agrees that notwithstanding anything contained herein; L&T shall reserve a right to stop the Grant Amount at any time during the Term of this Agreement, without assigning any reason to St. Josephs Technical School
- 5.8. The Parties represent and warrant that they have full capacity, power and authority to enter into, execute, deliver and perform this Agreement, that such expansion delivery or performance do not violate or conflict with any application to the Parties, any provision in their constitutional documents, any order or judgment of any court or other agency of government applicable to them or any of their assets, or any contractual restriction binding on or affecting them or any of their assets.
- 5.9. The Parties represent and warrant that there is no pending, or, to their knowledge, threatened against them, any action, suit, proceedings at law or in equity or before any court, tribunal, government body, agency or official, or any arbitrator, that is likely to affect the legality, validity or enforceability of this Agreement, or their ability to perform their obligations under this Agreement.
- 5.10. The Parties represent and warrant that all applicable information that is furnished in writing or otherwise, by or on behalf of the Parties, is, as of the date of information, true, accurate and complete in every material respect.

6. INDEMNITIES

- 6.1 Without prejudice to any other right available to L&T under applicable laws or under equity St. Josephs Technical School agrees to indemnify, defend and hold harmless L&T, their officers, representatives, directors, nominees and agents, from and against any and all losses, damages, claims, actions, judgments or causes of action, and based upon, arising out of, or in relation to or otherwise in respect of the following:
 - a. Any breach of the obligations, covenants, representations and warranties on behalf of St. Josephs Technical School arising under this Agreement;
 - b. In case of any third party claims against L&T, injury etc. pursuant to any act of wilful default or negligence of the defaulting Party during discharge of their obligation;
 - c. Any failure to comply with applicable laws, statutes, ordinances, regulations, administrative rulings or requirements of law;



- d. Any deficiency in service on part of St. Josephs Technical School under this Agreement or any matter arising therefrom.
 - e. In case of gross negligence or wilful misconduct of St. Josephs Technical School or any of its representatives; and/or
 - f. In case of any misrepresentation or breach of warranty or any other term, condition, undertaking by St. Josephs Technical School under this Agreement.
- 6.2 St. Josephs Technical School indemnifies L&T against any and all legal and pecuniary liabilities arising out of any claims relating to misuse or lack of use or delayed use of Grant Amount by St. Josephs Technical School or any other third party, or out of any other such claims that arise due to failure on part of St. Josephs Technical School or any other third party in discharging their responsibilities as envisaged in this Agreement or in any other agreement, express or otherwise, between St. Josephs Technical School and such other third party.
- 6.3 St. Josephs Technical School indemnifies L&T from any liabilities arising out of error or wilful default or negligence or contravention in regard to any of the applicable law, including, but not limited to, submission of statutory forms and other such documents.
- 6.4 St. Josephs Technical School indemnifies L&T from any and all legal and pecuniary liabilities arising due to non-compliance on part of St. Josephs Technical School, with the terms of this Agreement.
- 6.5 The indemnification obligations of St. Josephs Technical School set forth as above shall survive any expiration, termination of this Agreement.

7. LIABILITY

- (i) In no event, whether as a result of breach of Agreement, tort (including negligence), strict liability or otherwise, shall L&T be liable to St. Josephs Technical School for any indirect, consequential, incidental or exemplary damages of any kind, including but not limited to loss of contract, loss of use, loss of interest, loss of property, loss of profits.
- (ii) Notwithstanding the foregoing provisions of this Agreement, L&T's aggregate liability for all claims of any kind, whether based on contract, warranty, tort (including negligence), strict liability or otherwise, for all losses or damages arising out of, connected with or resulting from this Agreement, its performance or breach thereof shall not exceed an amount equal to the total Grant Amount sanctioned for the Project under this Agreement.



(iii) L&T shall not be held responsible or liable for any damages or losses arising from the acts or omissions on the part of St. Josephs Technical School under this Agreement.

8. COVENANTS

During the subsistence of the Project and/or this Agreement, St. Josephs Technical School hereby agrees to:

8.1. Promptly notify L&T in writing:

- (i) of any event or circumstance which would, or is likely to, result in any of the representations and warranties made by St. Josephs Technical School hereunder becoming untrue, incorrect or misleading in any manner;
- (ii) of any circumstance or events which would, or is likely to interfere in/prevent/delay the proper implementation of the Project;
- (iii) of any material loss or damage which St. Josephs Technical School may suffer due to any event, circumstances or Force Majeure.

9. GUIDELINES FOR REPORTING OF GRANT AMOUNT UTILIZATION

9.1. St. Josephs Technical School agrees and acknowledges that L&T can in its discretion appoint an agency to monitor and supervise the Project or conduct an impact assessment or social audit for the Project undertaken by St. Josephs Technical School. Any such agency appointed by L&T shall be entitled to exercise all rights of L&T. St. Josephs Technical School agrees that it shall co-operate with such agency in accordance with the terms of this Agreement and shall provide all reports, data, information and access rights that is required by L&T and/ or the agency appointed by L&T. St. Josephs Technical School agrees and understands that appointment of such agency by L&T shall be without prejudice to the rights of L&T and shall not affect the right of L&T to independently enquire and exercise all its rights under this Agreement. Such books and records shall be retained by St. Josephs Technical School for a period of five (5) years from the completion of the Program.

9.2. St. Josephs Technical School Delivers to L&T:

- (i) Project Monitoring/Implementation Reports as agreed between Parties shall be submitted by St. Josephs Technical School to L&T demonstrating the status of the Project every month;
- (ii) Utilization Certificates from a CA for every quarter (3 months) demonstrating the utilization of Grant Amount by St. Josephs Technical School;



- (iii) Any other document as may be reasonably required by L&T to demonstrate the utilization of the Grant Amount by St. Josephs Technical School to implement the Project as per terms of this Agreement.
- (iv) St. Josephs Technical School shall conduct all reporting in the specified formats

9.3. L&T would give a grant amount as specified in grant disbursement schedule to take up the work as per the monitoring plan. After settlement of the bills and payments of the 75% of the previous grant as desired in this Agreement, St. Josephs Technical School will request to L&T for the next tranche of the grant.

9.4. St. Josephs Technical School further agrees that:

- a. only actual expenses shall be reported;
- b. Advances shall not be reported as expenses;
- c. Advances shall be separately disclosed;
- d. Advances shall be regularly settled and reported;
- e. Reports shall tally with books of accounts;
- f. Reports shall be submitted within due dates;
- g. Information with regard to organizational contribution and funds from other sources, wherever applicable, shall be accurately reported; and
- h. Complete set of audited accounts of the organization along with Auditors report and schedules shall be submitted to L&T.

10. GRANT AMOUNT CLOSURE

At the time of closure of the Grant Amount, St. Josephs Technical School shall:

- a. Submit an audited Utilization Certificate prepared by Chartered Accountant;
- b. Submit plan for unutilized portion of funds to L&T or as mutually agreed with L&T;
- c. Liquidate the advances and deposits if any;
- d. Discharge all liabilities on the date of closure;
- e. Submit details of action taken on the existing assets procured from Grant Amount;
- f. In case the Project involves other implementing partners, steps taken with regard to their Grant Amount closures should be reported to L&T.

11. CONFIRMATIONS

None of the employees/Directors of L&T have any beneficial interest / holding in St. Josephs Technical School organization. There are no common persons on the Boards of L&T or St. Josephs Technical School. No officer of L&T is related to the Trustees of St. Josephs Technical



School. No relative of any officer of L&T holds substantial interest in St. Josephs Technical School. No suit is pending in any court of law against the Trustees/top management of St. Josephs Technical School. None of the employees of L&T have used any unsolicited methods/illegal activities for sanctioning Grant Amount for the purpose of this Agreement.

12. COMPLIANCES

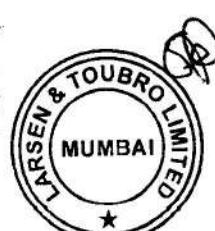
St. Josephs Technical School shall undertake to comply with all applicable laws.

13. TERM AND TERMINATION

- 13.1. This Agreement shall be effective from 1st July 2021 by both the Parties and shall continue till 31st December 2021 or by such other last date that may be mutually agreed to in writing by the parties.
- 13.2. L&T may terminate or suspend this Agreement, upon thirty (30) days written notice to St. Josephs Technical School in whole or in part for any material breach committed by St. Josephs Technical School or upon happening of an event of Default under this Agreement.
- 13.3. Provided, further, that this Agreement may be terminated by L&T at any time for its convenience, without assigning any reason, with or without notice of thirty (30) days to St. Josephs Technical School .
- 13.4. In the event of termination of this Agreement (irrespective of the reason for such termination), the following shall apply:
 - i. No further disbursements shall be made by L&T except at its sole discretion.
 - ii. St. Josephs Technical School shall fulfill its obligations to the extent of the Grant Amount actually spent.
 - iii. At the discretion of L&T, St. Josephs Technical School shall be reimbursed expenses incurred by it till the end of notice period, only after the approval from L&T which is in accordance with the work completed in line with the quantitative measurable indicators as provided in Annexure C.
 - iv. St. Josephs Technical School shall not upon such termination or thereafter, provide to any beneficiary or any third party or the public at large, the impression that funding from L&T is continuing or allow such impression to be created.

14. FORCE MAJEURE

Neither Party shall be responsible for delays, acts or omissions resulting from events beyond its



reasonable control (each a "Force Majeure Event") including acts of God, natural calamities, civil unrest, government action, nationwide strikes, pandemic like COVID-19, SARS, etc., or nationwide lockdown imposed by government due to such diseases, etc. The Party affected by Force Majeure shall provide the other prompt notice of the Force Majeure Event, and keep the other party advised for the duration of the Force Majeure Event and take all the necessary measures to mitigate the effect of any such Force Majeure condition. In the event the Force Majeure event lasts beyond thirty (30) days, Parties may terminate this Agreement mutually or with notice as mentioned under terms and termination of this Agreement. In the event of termination of the Agreement under this clause, the Parties shall mutually discuss and decide as to unutilized Grant Amount already disbursed to St. Josephs Technical School till such time.

15. TREATMENT OF UN-UTILIZED GRANT AMOUNT

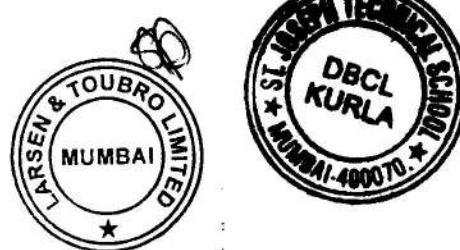
St. Josephs Technical School shall, in case there is any unspent or un-utilized balance from the Grant Amount, provided after fulfilment of the said Project or in case of failure to use the Grant Amount or any part thereof by the time provided for, utilize the Grant Amount as specified by L&T for such purpose as may be mutually agreed to in writing by the Parties to fulfil the objectives of the Project.

16. CONFIDENTIALITY

St. Josephs Technical School shall not during or after the termination of this Agreement disclose to any third party any Confidential Information arising from the Agreement (other than in the proper performance of their duties hereunder or as may be required by a court or arbitration panel of competent jurisdiction) except with the prior written permission of L&T. For the purposes of this Agreement, "Confidential Information" includes: (i) the terms of this Agreement (including all its Annexures); (ii) All Information belonging to L&T; (iii) oral and written information designated by a Party as confidential prior to the other Party obtaining access thereto; and (iv) oral and written information which should reasonably be deemed confidential by the recipient whether or not such information is designated as "Confidential". Each Party's respective Confidential Information will remain its sole and exclusive property.

17. INTELLECTUAL PROPERTY RIGHTS

- 17.1. The Parties shall be owner of their respective Intellectual Property Rights.
- 17.2. There is no grant of Intellectual Property Rights.



- 17.3. Nothing in this Agreement shall confer any rights or interest in the Trademarks, Patents, Copyrights and Designs or other Intellectual Property Rights of L&T and its Affiliates on St. Josephs Technical School. "Affiliate" shall mean an entity that directly or indirectly controls, is controlled by, or is under common control with another entity, so long as such control exists. For the purpose of this definition 'control' means beneficial ownership of more than 50% (fifty percent) of voting power or equity in an entity.
- 17.4. Unless otherwise expressly approved by L&T in writing, St. Josephs Technical School cannot use any Trademark, Design, expression or image of L&T or similar marks or its derivate, related to it or any of its Intellectual Property Rights.

18. GENERAL

- 18.1. This Agreement, together with all the Annexures and addenda, if any, is the entire Agreement and expresses the complete, exclusive and final understanding of the Parties with regard to the subject matter herein.
- 18.2. This Agreement represents the current intentions of the Parties and is subject to any changes that may take place in the laws applicable to this Agreement or the activities of not-for-profit organizations in India, and is also subject to all laws, rules and regulations presently applicable, and to obtaining all licenses, permissions, consents, approvals and execution of such Agreement as may be necessary.
- 18.3. Any provision of this Agreement may be amended or waived if such amendment or waiver is evidenced by a written instrument signed by duly authorized representatives of the Parties, or, in the case of a waiver, by the Party against whom the waiver is to be effective.
- 18.4. Provided that St. Josephs Technical School shall not assign, delegate or otherwise transfer any of its rights or obligations under this Agreement to any person in any manner without the prior written consent of L&T.
- 18.5. In connection with this Agreement, as well as all transactions contemplated by this Agreement, each Party agrees to execute and deliver such additional documents and to perform such additional actions as may be necessary, appropriate and reasonably requested, to carry out or evidence the transactions contemplated hereby.
- 18.6. The invalidity or un-enforceability of any provisions of this Agreement in any jurisdiction shall not affect the validity, legality or enforceability or the remainder of this Agreement in such jurisdiction or the validity, legality or enforceability of this Agreement, including any such provision, in any other jurisdiction, it being intended that all rights and

20



Copy attached

- obligations of the Parties hereunder shall be enforceable to the fullest extent permitted by law.
- 18.7. Save as aforesaid this Agreement shall be binding upon and shall ensure for the benefit of L&T and St. Josephs Technical School successors in title and assigns.
- 18.8. Any notice by one Party to the other Party shall be in writing and posted, delivered personally with proper acknowledgment or sent by courier, registered or certified mail or facsimile transmission.
- 18.9. Time shall be the essence of this Agreement, (except in case of Force Majeure events) in so far as it relates to the observance or performance by St. Josephs Technical School of all or any of its obligations hereunder.
- 18.10. This Agreement with its Annexures represents the entire agreement in respect of the Grant Amount between the Parties and shall be capable of variation in writing by an amendment signed by representatives of St. Josephs Technical School and L&T.
- 18.11. This Agreement shall be executed in two counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

19. CONFLICT OF INTEREST

- 19.1. Neither St. Josephs Technical School nor its personnel while in service, shall engage in any personal business or professional activities, during the course of this Agreement, which conflict with or could potentially conflict with the objective of the Program.
- 19.2. St. Josephs Technical School shall notify L&T immediately of any such activities or circumstances, which give rise to or could potentially give rise to a conflict with the object of the Program and shall take immediate remedial steps necessary to ensure that the Program is completed as per the agreed terms.
- 19.3. In the event where, even after taking remedial measures by St. Josephs Technical School the object of the Program cannot be restored, then L&T shall have the right to terminate the Agreement, by giving fifteen (15) days written notice to St. Josephs Technical School. On termination of the Agreement, L&T shall, cover the expenses already incurred for the Program by St. Josephs Technical School as per the agreed timelines and the approved budget for the Program.

20. PREVENTION OF CORRUPTION

- 20.1. St. Josephs Technical School, hereby represents, warrants and covenants to L&T that:



- 20.2. In the performance of this Agreement St. Josephs Technical School and their shareholders, affiliates, officers, directors and employees, agents or representatives, if any, will comply strictly with all applicable anti-corruption laws (including US Foreign Corrupt Practices Act);
- 20.3. Neither St. Josephs Technical School nor its shareholders, affiliates, officers, directors, employees, agents or representatives, if any, in connection with the implementation for L&T, has taken or will take any action in furtherance of an offer, payment, promise to pay, or authorization of the payment or giving of anything of value, either directly or indirectly, to any person while knowing that all or some portion of the money or value will be offered, given or promised to anyone to improperly influence official action, to obtain or retain business or otherwise to secure any improper advantage;
- 20.4. St. Josephs Technical School shall notify L&T immediately if at any time the foregoing representations and warranties shall not be true and correct. Upon receipt of such notification, L&T shall have the right to either unilaterally terminate this Agreement or require St. Josephs Technical School to amend, at L&T's sole discretion, this Agreement to avoid any violation or potential violation of any applicable laws, rules and regulations;

21. GOVERNING LAW AND JURISDICTION

This Agreement shall be governed by and construed in accordance with the laws of India and the courts of Mumbai shall have exclusive jurisdiction on matters arising therefrom.

22. DISPUTE RESOLUTION AND ARBITRATION

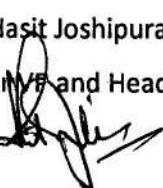
- 22.1. Any difference, dispute, controversy, or claim ("Dispute") which may arise between the Parties out of or in relation to or in connection with this Agreement, or the breach, termination, effect, validity, interpretation or application of this Agreement or as to their rights, duties or liabilities hereunder, other than a Dispute for which provisions specifically made in this Agreement, shall be settled by the Parties by mutual negotiations and agreement. If, for any reason, such Dispute cannot be resolved amicably by the parties, the same shall be settled by way of arbitration, as mentioned below.
- 22.2. Any Dispute arising out of this Agreement or its termination, breach, invalidity, including the interpretation and validity thereof and the respective rights and obligations of the Parties hereof shall be settled in accordance with the Arbitration and Conciliation Act, 1996, as amended from time to time, by a sole arbitrator mutually appointed by Parties. In case the Parties disagree on the appointment of a sole arbitrator, the sole arbitrator shall be appointed as per the provisions of the Arbitration and Conciliation Act, 1996, amended as on date. The seat of arbitration shall be Mumbai, India. The arbitration proceedings shall be conducted in the English language.



**IN WITNESS THEREOF THE PARTIES IN THEIR FREE VOLITION AND FULL UNDERSTANDING WITH THE
INTENT TO LEGALLY BIND THEMSELVES TO THIS AGREEMENT EXECUTE THIS AGREEMENT THROUGH
THEIR DULY AUTHORIZED PERSONS**

IN WITNESS WHEREOF, the undersigned, being duly authorized thereto, have signed the present Agreement.

For Larsen & Toubro Limited

Name : Hasit Joshipura
Title : SMT and Head – Corporate Centre
Signature : 

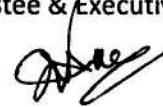
Date :

Witness (For L&T)

1.....
Name: Mabel Abraham
Designation: Sr. Deputy General Manager



For St. Josephs Technical School

Name : Rev. Fr. Mario Vaz,
Title : Trustee & Executive Director
Signature : 

Date :

Witness (For St. Josephs Technical School)

1.....
Name: Dr. Prasanna Nambiar
Designation: Principal, DBIT



ANNEXURE A

REVISED SHORT TERM PROPOSAL FOR 50 STUDENTS

Proposed Project: Development of Center for Creative Explorations & Advanced Skilling in Technology for STEM

I. PROJECT LONG TERM MISSION:

Don Bosco Industrial Training Institute managed by St. Joseph's Technical School, a Public charitable trust, registered under Charities Commissioner, Mumbai, having Unique CSR registration No. CSR00002656 under the Ministry of Corporate affairs and having its registered office at Don Bosco Center for Learning (DBCL), Premier Automobiles Road, Kurla West, Mumbai 400070. DBITI is affiliated to NCVT, New Delhi. DBITI proposes to establish in collaboration with Don Bosco Institute of Technology an inclusive center for Creative Exploration and Advanced Skilling in Technology (CrEAST) within the premises of Don Bosco Center of Learning to induct girl students from underprivileged backgrounds and students with learning disabilities (LD) in Science, Technology, Engineering & Mathematics (STEM) through experiential learning. The center envisages to impart this training through a structured curriculum and appropriate pedagogies to provide hands-on training and practical skills using Lego Robotic Kits, Electronic & Mechanical workbenches, Additive manufacturing using 3D printers, Fast prototyping and Machining, computer based modeling and web technologies. Essentially the program also includes mandatory training in Soft Skills for all the participants. The purpose of the program is to make the participants future ready & motivate them to take up a career in STEM thus increasing their ability to be creative innovative thinkers and more productive members of society.



The Center for Creative Explorations & Advanced Skilling in Technology (CrEAST) - IMPLEMENTATION PLAN:

The ongoing pandemic has had grave implications on the learning of young students. Both educators and students have adapted themselves to the new norm of the day. The Phase 1 of LEVEL 1 of this program is proposed to kick start in the month of June 2021 post the school annual examinations in a blended learning environment. The initial prerequisite theory sessions shall be conducted online using interactive animations and videos. Offline sessions will be conducted in the DBCL campus for the nearby school pupils and in Aatman School for students with LD, complying with the COVID guidelines with necessary permissions.

With necessary permissions, as and when the center can be started offline, it will cater to approximately 200 students per year over the next five years.

Curriculum:

Program phase 1 of LEVEL 1 is of 65 Hours duration, comprising four basic interesting courses which will give the participants an insight into the fun element of technology. The program also includes a mandatory training on soft skills of 10 Hours such as team working, making presentations, report writing, language skills (if necessary) etc.

Each course is an independent module. Those students showing exceptional interest or proficiency in a given module will be taken to the next level which will be on par with the programmes we run for UG students of our institute. The students will be mentored by the respective clubs in DBIT.

Eligibility Criteria for Enrolment:

- Students of class 6 to Class 10 can enrol for the courses.
- Girl students will be preferred.
- A maximum of 20 regular students per batch and 10 LD students per batch will be enrolled amounting to a total of **50 students**.

Certification:

Upon successful completion of the program and securing a minimum average of 40% in the continuous assessments tests, the student will be awarded a certificate.

- Students have to choose a minimum of 2 courses (30 Hours) of their interest at a given time, while the soft-skill module is mandatory amounting to a minimum of 40 Hours to get the certificate.
- In case of LD students, the participant can choose any one course (minimum of 15 Hours) of her/his choice, while the soft-skill training is not mandatory.
- The courses will run in parallel.

Resource Persons:

The resource persons will be the teaching faculty and students of DBIT and experts for special sessions and other volunteers.



COURSE DETAILS:

*Frequency may vary for LD students since the school is trying to include it within the curriculum.

LEVEL1						
Course	Course Name	Duration	No. Of	Frequency*	No. of Regular	No. of LD
1	mapMakr	15	10 of 1.5 Hrs	Once	20	10
2	webBuildr	15	10 of 1.5 Hrs	Once	20	10
3	natureSense	20	10 of 2 Hrs	Once	20	10
4	metaApp	15	10 of 1.5 Hrs	Once	20	10

COURSE I:**BUILD YOUR MAP**

Spatial thinking allows students to comprehend and analyze phenomena related to the places and spaces around them—and at scales from what they can touch and see in a room or their neighborhood to a world map or globe. It is one of the most important skills that students can develop as they learn geography, Earth, and environmental sciences. It also helps to enhance their language skills as they collaborate and communicate about spatial relationships. Researchers have proved that children who develop robust spatial thinking skills, will be at an advantage in our increasingly global and technological society.

In this module QGIS, an open source Geographical Information System software, is used to create, edit, visualize, and analyze geospatial information. Students can create their own maps, analyze the problems and provide solutions using maps.

Learning Objectives:

- To enable students to use geographical data collection tools
- To understand and analyze geospatial data for solving societal problems
- To communicate results using the printable maps on paper

Learning Outcomes:

- Students will be able to create the spatial data using mobile phones
- Students will be able to create, view, edit and analyze the geospatial data using QGIS
- Students will be able to create and print the maps with labels, legends



COURSE II:

BUILD YOUR WEB

Today, the Internet or the World Wide Web is one of the most significant technologies. The Internet exists in every walk of our lives, be it education, entertainment, e-commerce, gaming, or as a mere search engine. As the world becomes more and more globalized, becoming skilled in the field of this technology is a requirement for success in the increasingly-competitive workforce. Mastering the Internet is perhaps one of the most essential skills that tech savvy students must have. Without this knowledge base, learning other, more challenging topics will be very difficult. There are a number of ways in which students can be taught more about the uses and purpose of the Internet. One of the most common methods involves teaching students how to design their own webpage, or a group webpage for a specific class. This educational activity is not only guaranteed to provide children with the basic skills necessary to thrive in more advanced coursework, but can also be a valuable skill towards their higher education or professional employment.

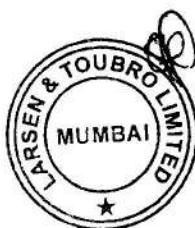
Wordpress, an open-source content management system, will be used by students to design their own blog or any informational website. They will also be learning how to connect it to google analytics and assess the performance of the website.

Objectives:

- To learn design and development of website / blogs using wordpress
- To learn to use different themes for the blog
- To understand how to measure the performance of the website

Outcomes:

- Students will be able to design and build blogs and websites using wordpress
- Students can install various themes and can manage the wordpress blog
- Students can use google analytics to assess the performance of the website.



COURSE III:

natureSense

"The ability to get results in the real world - not a computer screen - is what distinguishes electronics projects from other learn-to-code activities. When it happens, the effect is almost magical."

Sensors are electronic subsystems used to detect & measure physical parameters. Sensors that measure environmental parameters help us to get a better idea of the nature around us. Sensors are always integrated to electronic boards that help us to interpret and analyze the obtained data. Learning about sensors can help students get fascinated by the environment around us and also make them an aware citizenry to global changes affecting our landscape.

This course will include inputs, outputs and sensors on the board so as to make it really easy to plug them in. This removes a lot of the complexity of soldering or working with a tangle of wires on a breadboard. The focus is much more on what the student can do with the device.

Objectives:

- To learn about the different Environmental Sensors & their use cases
- To learn about the integration of sensors to electronic boards
- To learn about the analytics used to decode the data obtained from the sensors

Outcomes:

- Students will be able to learn the different environmental sensors related to air & water quality, physical parameters etc.
- Students will be able to learn the basic integration of sensors to electronic printed circuit boards along with the power & wireless communication modules
- Students will be able to learn the data analysis & dashboard tools used to display different sensor data on a public domain



COURSE IV

meraApp

Mobile applications are now the default means of accessing various features of a smartphone and also to communicate with different entities and organizations. A fun & activity based learning of creating applications that help to better understand the different features of the mobile phone will remove the complex technology barriers that are involved in developing mobile applications.

This course will help students learn how to express themselves, develop structural thinking, and strengthen their confidence. They shall acquire a new set of skills that will help them shift from just consuming information to becoming digital creators.

Objectives:

- To learn about different tools that are involved in developing a mobile application
- To develop mobile applications that talk to the different sensors & actuators on board a smartphone
- To develop mobile applications that help to present an idea and communicate with the external world

Outcomes:

- Students will be able to learn the block based approach used to develop mobile applications
- Students will be able to learn about the different UI blocks required to access onboard sensors of a mobile phone and learn to put together a mobile application that connects to all.
- Students will be able to develop mobile application for specific use cases which communicate with other entities and stream live data to a mobile dashboard



ENGAGEMENT WITH THE COMMUNITY:

DBITI has conducted a Skill Training Program for neighboring schools wherein 100+ school kids were trained in various vocational skills of standard 9th & 10th. Institute has trained more than 6000 women under the outreach program promoting entrepreneurship and livelihood skills.

Don Bosco Institute of Technology (DBIT) established in 2001 by the Salesians of Don Bosco to provide high quality technical education to with a strong focus of undergraduate research and skill development. The Salesians have a strong network of over 300 technical institutes providing skill training to the poor and under-privileged children across India. It is based on the philosophy of Don Bosco that offers student centered, friendly and holistic learning environment that transforms individuals into socially conscious citizens. Don Bosco Way believes in engaging with the underprivileged communities in imparting relevant skills and knowledge. Over the past 18 years, DBIT is very closely involved in several social projects; from teaching the children in the nearby shanties of Kurla to providing small technological solutions to problems of the tribal population of Walvanda. Every year the students and faculty spend considerable time with the tribal population of Jawahar Taluka, to understand their life, culture and struggles. A few are enumerated below:

dbTeach:

dbteach is an initiative by the students of DBIT to impart technical skills in of Robotics, Automation, Internet of Things, Embedded Systems, VLSI, RF/Microwave, Computer Networking and Communication Technologies, 3D printing, PCB making, CAD, web technologies etc. to school students, diploma and ITI students. Using the concept of 'Make, Break, Remake' the objective of the *dbTeach* is to enable stakeholders to develop skills and expertise that facilitates a Do It Yourself (DIY) experiential learning environment in the classroom

ACTIVITY CHART

S.No.	Project Title	Beneficiary	Duration	Description
1.	DBIT's annual inter-collegiate technical festival "Colosseum"	Students of nearby low income schools	2 Days Every year	Students are invited to participate in the events to create curiosity and interest in technology
2.	UDAAN	Utkal High School Students from class 6-10	2015 to till date	<ul style="list-style-type: none"> ▪ Sports training in Don Bosco grounds by DBIT student volunteers ▪ Special classes for Maths, Science and English ▪ Career guidance



S.No.	Project Title	Beneficiary	Duration	Description
3.	IEEE WIE One Week Technical Outreach Programme	Utkal English High School & Holy Cross School.	1 st to 6 th Aug 2016	To create technical awareness in underprivileged children (especially the girl child) in the age group of 14 to 16 years. Series of hands-on workshops were conducted: <ul style="list-style-type: none"> ▪ Photoshop and Animation Workshop ▪ PC Assembly ▪ Communication Skills ▪ Talk on Nutrition, Grooming, Hygiene ▪ Basics of Electrical and Electronics Engineering using simple Experiments ▪ Automobile Workshop ▪ Robotics Workshop ▪ Introduction to Alternate Energy Resources and Energy Conservation, visit to Solar Setup, Visit to Biogas Setup ▪ Auto Body Painting & Air-conditioning ▪ Plumbing and Design Workshop
4.	IEEE HAC Funded “Comprehensive Development Plan of Tribal Community of Walvanda” @ 18 Lakhs	Tribal villages of Walvanda and Phanaspada.	June 2017 to Jan 2018	Installation of a cellular repeater in collaboration with Vodafone India Pvt. Ltd, to provide basic connectivity for the tribal people and community chargers to charge 10 mobile phones, 1 laptop & 1 projector.
5.	IEEE HAC Events Funded “Inculcating Healthy & Sustainable Menstrual Hygiene Practices Among The Tribal Women Of Walvanda” @3.5Lakhs	Tribal villages of Walvanda and Jawahar	June 2018 to Dec 2018	To creating awareness on menstrual hygiene among the tribal girls and women through talks, street plays, & expert sessions. Outcome of the program: <ul style="list-style-type: none"> ▪ Installation of a sanitary napkin making setup which is currently being run by the women under the supervision of Gokhale Education Society's Arts, Commerce And Science College, Jawhar.
6.	IEEE Robotics & Automation Society Funded “Six Day Workshop on Robotics & Automation” @1.45Lakhs	St. Joseph's ITI, Kurla West, Mumbai.	Dec 2019	Skill development program on robotics and automation.



FUNDING:

a. FUNDING REQUEST UNDER CSR FROM L&T:

Funding is required for purchase of equipment and other activities to be carried out to provide a wholesome experience to the trainees.

S. No.	Item / Particulars	Per Unit Cost	Quantity	Amount (Rs.)
1	Pen Tablet for faculty to conduct online sessions	12,500.00	4	50,000.00
2	Electronic Components <i>Sensors for Environmental conditions (Humidity, barometric pressure, ambient temperature)</i>	1,500.00	25	37,500.00
	<i>Driver circuits & PCBs with controllers (STM32, Microchip and ESP)</i>	15,000.00	2	30,000.00
	<i>Passive components, consumables & 3D enclosures</i>	1,500.00	20	30,000.00
3	Online Could Platform Subscription for one year	15,600.00	3	46,800.00
4	Colour Printers for A3 size paper	20,000.00	1	20,000.00
5	Remuneration To Guest Faculty/ Experts <i>Faculty R&D</i>	14500	6	87000
	<i>Faculty Delivery</i>	12500	2	25000
	<i>Student Delivery</i>	6000	6	36000
	<i>Student Support</i>	4000	6	24000
	<i>Lab Assistants</i>	2500	3	7500
6	Course Material <i>Printing & Binding (Colour) for 4 courses - Rs. 10000/-</i>	---	---	10,000.00
	<i>Remuneration for illustrators for 4 courses - Rs. 20000/-</i>	---	---	20,000.00
7	Stationery & Publicity Material	---	---	28,000.00
8	Competition Expenses <i>Prize money (1st place - Rs. 2000, 2nd place - Rs.1000, 3rd place - Rs. 500)</i>	3500	8	28000
	<i>Components & consumables for hardware project competition</i>	500	20	10000
	<i>Travel for students to competition venue</i>			7,000.00
	<i>Publicity</i>			5000
9	Travel <i>No. of people * Approx. Fare (Over a period of 6 Months)</i>	1,000.00	15	15,000.00
10	Refreshments & snacks for participants (50 students * 50 Rs/plate cost * Atleast 8 hours of offline interaction)	---	---	20,000.00
			Total	536,800.00



Details of Equipment & Components:

b. DBITI CONTRIBUTION through DBIT: IN CASE OF ONLINE MODE

S. No.	ITEM	Per Unit Cost	Quantity	Final Amount (Rs.)
1	Computers (4GB RAM, 1TB Hard disk)	----	2	60,000.00
3	Electronic Components:			
	<i>Metravi 5A DC supply</i>	10000	5	50,000.00
	<i>Base board PCBs</i>	3000	30	90,000.00
	<i>Temperature, pH, Conductivity & ORP/Redox Sensors, Humidity, barometric pressure, ambient temperature</i>	4000 1500	10 10	55,000.00
6	LAN & WiFi Connectivity	----	----	5,000.00
			Total	2,60,000.00

IN CASE OF OFFLINE MODE

S. No.	ITEM	Per Unit Cost	Quantity	Final Amount (Rs.)
1	Space (2000 Sq. ft) (p.a.)	----	----	9,00,000.00
2	Computers (4GB RAM, 1TB Hard disk)	----	20	8,00,000.00
3	Electronic Components:			
	<i>Metravi 5A DC supply</i>	10000	5	50,000.00
	<i>Base board PCBs</i>	3000	30	90,000.00
	<i>Temperature, pH, Conductivity & ORP/Redox Sensors, Humidity, barometric pressure, ambient temperature</i>	4000 1500	10 10	55,000.00
4	AV System	----	----	50,000.00
5	Projector (2 No.s) with HDMI cable	----	----	1,00,000.00
6	LAN & WiFi Connectivity	----	----	60,000.00
7	Interiors, Furniture and Storage	----	----	5,00,000.00
8	Camera & Security	----	----	50,000.00
9	Administrative Staff (p.a.)	----	----	4,00,000.00
10	Support Staff (p.a.)	----	----	2,40,000.00
			Total	32,95,000.00



Annexure B1-Budget and the Rate card

Funding is required for purchase of equipment and other activities to be carried out to provide a wholesome experience to the trainees.

S. No.	ITEM / Particulars	Per Unit Cost	Quantity	AMOUNT (Rs.)
1	Pen Tablet for faculty to conduct online sessions	12,500.00	4	50,000.00
2	Electronic Components			
	<i>Sensors for Environmental conditions (Humidity, barometric pressure, ambient temperature)</i>	1,500.00	25	37,500.00
	<i>Driver circuits & PCBs with controllers (STM32, Microchip and ESP)</i>	15,000.00	2	30,000.00
	<i>Passive components, consumables & 3D enclosures</i>	1,500.00	20	30,000.00
3	Online Could Platform Subscription for one year	15,600.00	3	46,800.00
4	Colour Printers for A3 size paper	20,000.00	1	20,000.00
5	Remuneration to guest faculty/ experts			
	<i>Faculty R& D</i>	14500	6	87000.00
	<i>Faculty Delivery</i>	12500	2	25000.00
	<i>Student Delivery</i>	6000	6	36000.00
	<i>Student Support</i>	4000	6	24000.00
	<i>Lab Assistants</i>	2500	3	7500.00
6	Course Material			
	<i>Printing & Binding (Colour) for 4 courses - Rs. 10000/-</i>	---	---	10,000.00
	<i>Remuneration for illustrators for 4 courses - Rs. 20000/-</i>	---	---	20,000.00
7	Stationery & Publicity Material			
8	Competition Expenses			
	<i>Prize money (1st place - Rs. 2000, 2nd place - Rs. 1000, 3rd place - Rs. 500)</i>	3500	8	28000.00
	<i>Components & consumables for hardware project competition</i>	500	20	10000.00
	<i>Travel for students to competition venue</i>			7,000.00
	<i>Publicity</i>			5000.00
9	Travel			
	<i>No. of people * Approx. Fare (Over a period of 6 Months)</i>	1,000.00	15	15,000.00
10	Refreshments & snacks for participants <i>(50 students * 50 Rs/ plate cost * Atleast 8 hours of offline interaction)</i>	---	---	20,000.00
			Total	536,800.00



Annexure B2- Disbursement Schedule

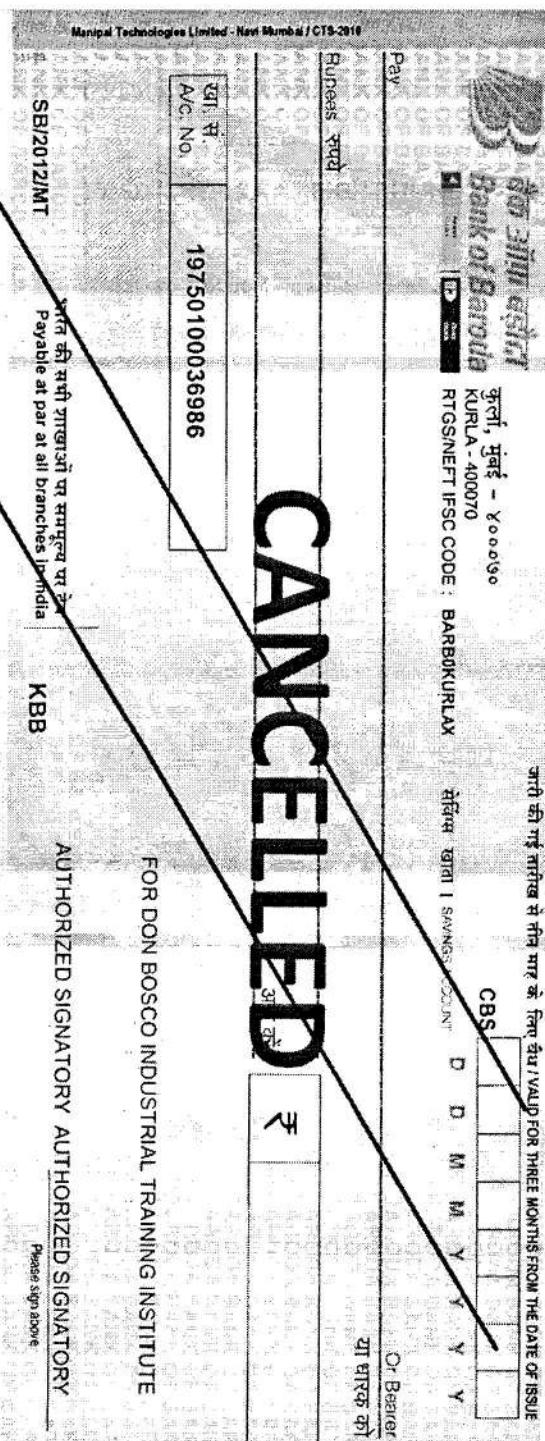
Milestone	Milestone Date	Description	Frequency	% of Total Grant Amount	Amount in Rs.	Required Documentation for Grant Release
1	1 st July - 30 th Sept 2021	Orientation to students and Launch	1	1 st Tranche 64 %	3,42,150.00	1. On signing MOU 2. Grant Payment request
		Orientation to teachers	1			
		Pen Tablet for faculty	4			
		Electronic Component	1			
		Online cloud Platform	1.5			
		Printer	1			
		Remuneration for Faculty, Illustrator and Support Staff	0.55			
		Course material Ready	0.5			
		Stationery and publicity Material	0.5			
		Refreshment for participants	0.5			
		Travel	7.5			
2	1 st Oct - 31 st December 2021	Quarterly report submission	1	2 nd Tranche 36 %	1,94,650.00	1. UC for previous tranche 2. Grant payment request
		Online cloud Platform	1.5			
		Remuneration for Faculty, Illustrator and Support Staff	0.45			
		Stationery and publicity Material	0.5			
		Refreshment for participants	0.5			
		Travel	7.5			
		Assessment and Certification	1			
		Exhibition & competition among the students	1			
Total project cost			100%	5,36,800.00		



Amount in words: FIVE LAKH THIRTY-SIX THOUSAND EIGHT HUNDRED RUPEES ONLY

BANK DETAILS:

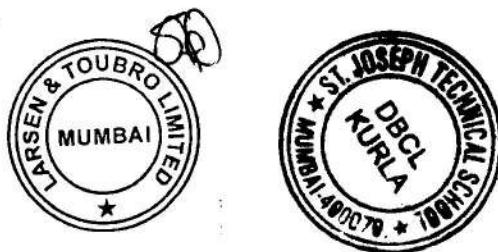
- a. **Bank Name and Branch:** Bank of Baroda, Kurla (West), Mumbai
- b. **Bank Account No.:** 19750100036986
- c. **Bank Address:** Shelter Apartments, Premier Road, Kurla (West), Mumbai, Maharashtra 400070
- d. **IFSC Code For NEFT:** BARBOKURLAX (Fifth Character is "zero")



Annexure C: Measurable Indicators and Expected outcomes

Students	<ol style="list-style-type: none"> 1. 100 % enrolled students will attend the 90 % sessions 2. 100 % of enrolled students of the program will participate in exhibition and competition conducted under Engineering Futures- CrEAST Program
SMC (School Management Committee)	<ol style="list-style-type: none"> 1. Increased participation in STEM based events of the school 2. Increased school representations at inter-school competitions.

Course	Outcomes
mapMakr	<ul style="list-style-type: none"> ● 90 % Students will be able to create the spatial data using mobile phones ● 90 % Students will be able to create, view, edit and analyse the geospatial data using QGIS ● 90 % Students will be able to create and print the maps with labels, legends
webBuildr	<ul style="list-style-type: none"> ● 90 % Students will be able to design and build blogs and websites using wordpress ● 90 % Students can install various themes and can manage the wordpress blog ● 90 % Students can use google analytics to assess the performance of the website.
natureSense	<ul style="list-style-type: none"> ● 90 % Students will be able to learn the different environmental sensors related to air & water quality, physical parameters etc. ● 90 % Students will be able to learn the basic integration of sensors to electronic printed circuit boards along with the power & wireless communication modules ● 90 % Students will be able to learn the data analysis & dashboard tools used to display different sensor data on a public domain
meraApp	<ul style="list-style-type: none"> ● 90 % Students will be able to learn the block-based approach used to develop mobile applications ● 90 % Students will be able to learn about the different UI blocks required to access on-board sensors of a mobile phone and learn to put together a mobile application that connects to all. ● 90 % Students will be able to develop mobile application for specific use cases which communicate with other entities and stream live data to a mobile dashboard



Annexure D: Gantt Chart

Sr. No.	Activities	Frequency	July	Aug	Sept	Oct	Nov	Dec
1	Meeting with SMC & parents (if SMC finds it necessary)							
2	Training of teachers in LD school							
3	mapMaker (15 Hours)	Twice a month						
4	webBuilder (15 Hours)	Twice a month						
5	natureSense (20 Hours)	Twice/ thrice a month						
6	meraApp (15 Hours)	Twice a month						
7	Exhibition & Competition (Preparation & Implementation)							
8	Reporting	Quarterly						



ANNEXURE E – Monitoring and Reporting Formats

1. Attendance Register Format:

Registration No.	Name of the Student	Batch No.	Date	Time	Course Name	Name of the Instructor

2. Evaluation Rubrics:

Rubrics are designed for every course in the program.

Criteria	Map Making				Criteria Measuring Methods
	Outstanding	Excellent	Good	Poor	
Map Reading	4 Student is able to read at least 90 % of the map data on map displayed on QGIS	3 Students are able to understand and read the map data sufficiently	2 Students are able to identify map data but most of the important features are missing	1 Students are not able to read or identify the data from the map as per expectation	MCQ based Questions
Map data Creation	Student is able to collect at least 90% of GPS data from his mobile phone.	Students have collected enough data for the project	Students have collected data which is just acceptable	Students have collected very few sample data points for the project	Projects
Map Data Analysis	Student are able to identify some critical observations from the collected or given data	Students are able to analyse and observe the data provided to them.	Students are able to make some observation but not acceptable level	Students are not able to make observations nor able to analyse the data collected or given to them	Projects
Printable Map production	Student is able to create pdf of GPS analysis. All the maps criteria of the map are fulfilled like. Legent, colours, Map direction, Scale, and additional information is mentioned on the map.	Students produced map is good and most of the requirements are fulfilled	Students produced map is acceptable but not fulfilling all requirements	Students produced output map is of poor quality	Projects



Criteria	webBuildr				Criteria Measuring Methods
	Outstanding	Excellent	Good	Poor	
	4	3	2	1	
WordPress Installation and Configuration	Student is capable of performing all tasks on his own. (WordPress installation and configuration, adding menu, changing themes, adding users, adding media, adding pages and posts, configuring Home Page)	Student can successfully completes all tasks, only after further guidance and course materials. (WordPress installation and configuration, adding menu, changing themes, adding users, adding media, adding pages and posts, configuring Home Page)	Student is capable of performing basic tasks. (WordPress installation and configuration, adding menu, adding users, adding media, adding pages and posts, configuring Home Page)	Student is just capable of using the wordpress with default setting. (WordPress installation and configuration, adding menu, adding users, adding media, adding pages and posts)	Project
4Layout & Design	Student is able to create a page with multiple graphic elements and variation in layout. Design elements assist visitors in understanding concepts and ideas.	Student is able to create a page with few graphic elements and variation in layout. Design elements sometimes assist visitors in understanding concepts and ideas.	Student is able to create a page with some graphic elements and limited variation in layout.	Student is able to create a page with few or no graphic elements, no variation in layout and/or the colors and text interfere with the readability.	Project
Content & Navigation	The student is able to create a site is well-organized with stated clear purpose and theme and easy to navigate. Visitors can clearly understand where they are and where to go next.	The site has a clearly stated purpose and theme, but may have one or two elements that do not seem to be related to it.	Student is able to create a site where the purpose and theme of the site is vague and Some navigation is unclear, resulting in a few places where visitors can become lost.	Student is able to create a site but with lacks a purpose and theme. Visitors are finding difficult to develop the site which is confusing and information cannot be found easily.	Project
WordPress Plugin	Student is able to search, Install and configure, tweak the plugin as per the requirement of project	Student is able to search, install and configure the plugin as per the requirement of project	Student is able to search, install and use the plugin as per the requirement of project	Student is able to search the right plugin as per the requirement of project	Project



Criteria	Outstanding	Excellent	Good	Poor	Criteria Measuring Methods
	4	3	2	1	
Understanding circuitry	Student exhibits thorough understanding of plug-in/ connection requirements.	Student has sufficient understanding of plug-in/ connection requirements.	Student exhibits understanding of plug-in/ connection requirements with some help.	Student does not have sufficient understanding of plug-in/ connection requirements.	Project
Computation	Understands basic control flow including conditionals, loops, and events & is able to code them.	Understands one or two aspects of basic control flow, such as conditional statements and loops & can code with help.	Understands one or two aspects of basic control flow, such as conditional statements and loops but cannot comprehend coding.	Lacks articulation of logic structures but understands that code is involved. May know some specific code is necessary for some logic structures but does not understand why.	Project

Criteria	Outstanding	Excellent	Good	Poor	Criteria Measuring Methods
	4	3	2	1	
Understanding of App and implementation	Student is able to think out of the box of Apps functionality is linked to UI with additional logic	Student is able to think on own of Apps functionality and link to UI	Student's understanding of App functionality is good to clear basic logic and can think with some help towards complex logic	Student's understanding is limited to App functionality and only for simple and easy functionalities of the App	Project

3. Quarterly Reporting Format

The report will comprise of the following aspects with respect to each course:

Name of the course of Engineering Futures-CrEAST Program	Total No. of hours the course is designed for (Hours)	No. of the course coordinator	Name of the Instructor	Date of commencement of the course	No. of hours completed	% of course completed	No. of students enrolled for the course	Average attendance in the course (%)	Remarks

