

Memorandum of Understanding
Between
Centre of Excellence in Maritime & Shipbuilding
(CEMS) Mumbai
And
Amity University Maharashtra



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This MOU is entered into on the 03 day of Feb, ²⁰²⁰ ~~2019~~ by and between;

Centre of Excellence in Maritime & Shipbuilding (CEMS) was established as 'not for profit company' under Section 8 of the Indian Companies Act, 2013, "CEMS" a company promoted and operated by Indian Register of Shipping, having its registered office at 52A, Adi Shankaracharya Marg, Opp. Powai Lake, Powai, Mumbai - 400 072, India. "CEMS" (which expression shall unless repugnant to the context or meaning there of be deemed to mean and include its successors and assigns) of the first part;

And

Amity University Mumbai has been established by the Maharashtra Govt. Act of 2014 of Government of Maharashtra and is recognized as per Section 2(f) of the UGC Act with the rights to confer degrees. **Amity University Maharashtra** is located on Mumbai - Pune Expressway, Bhatan Post - Somathne, Panvel, Mumbai, Maharashtra 410206

Preamble:

1. **Centre of Excellence in Maritime and Shipbuilding** is a well-funded start up in skill development for maritime and the ship building sector. It is promoted by **Indian Register of Shipping, Sagarmala, Ministry of Shipping/ Govt of India along with M/s Siemens Industry Software (India) Private** to provide globally relevant skilled technical manpower in the latest manufacturing technologies in Maritime, Ship Building and Manufacturing sectors.
2. CEMS is a dedicated center for facilitating Professional development and skill enhancement in Maritime, Infrastructure and Manufacturing sectors. We aim to build competency in the field of maritime by imparting right skills and create skilled manpower pool to cater to current and future industrial landscape of the Country.
3. A world class Centre of Excellence has been established in Visakhapatnam and Mumbai which will run paid courses for domestic and international audience at - Basic, Intermediate and Advanced levels. These courses are designed and implemented by Siemens and its domain partners who provide the latest technical expertise in these areas.

4. CEMS Focus:

Qualitative improvements in Technical Education



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- Improvements in labs infrastructure by adopting latest open technologies in Engineering design, Manufacturing, Analysis and Management to serve the needs of targeted industries.
- Train students in CAD, CAM, CAE, Advance Manufacturing and design to improve employability.
- Facilitate the pursuit of career opportunities by up skilling of ITI's, Diploma Graduates, Under Graduates, Post Graduates, Research Scholars and working professionals
- Enable technology adoption by Students and Faculties of the colleges through the State of the art Manufacturing and Digital technologies.
- Create skilled manpower pool to cater to current and future industrial landscape of the region. Availability of trained workforce to attract industries to set up units in the coastal regions.
- Promote Industry – Academia partnership. Establish industry partnerships to guide, support, and validate industry relevant learning activities
- Promote innovation, assist exploratory research projects to foster relevant Industry innovation
- Skill up-gradation of faculty.
- Update course curriculum to align with modern industrial practices.
- Serve as a knowledge base and thought leader for the targeted disciplines
- The program leverages Siemens technologies to develop curriculum as per industry processes to cultivate future professionals and academic faculty. The program offers courses for Beginner, Intermediate and Advanced Levels. The program involves continuous training, monitoring and assessment of students.
- Would create a web based platform, where all students will be enlisted.
- Continuous evaluation of students through tests and assignments. The students will be required to complete the assessments before they get certification.
- To enable students transcend the knowledge barrier, Siemens has designed self-directed interactive learning solutions that can transform the process of educating novice users on complex products and processes. These self-directed learning solutions provide better retention, shorter learning curves and increase productivity.
- Self-Directed Interactive Digital training approach creates an efficient solution for users to get trained on products and processes. A student is taught to use the product or understand the process in a simulated engineering environment. The effectiveness of learning is enhanced as it engages learners with interactivity and multimedia along with the demonstration of various procedures, practicing the steps, and interactive assessment. It also provides flexibility to learn anytime with self-paced learning and evaluation.



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5. **CEMS Training Labs:** Following training labs have been set up at Mumbai/ Vizag as listed below

| Sl No | LABS | Available at (Centre) | Type |
|-------|---------------------------------------|-----------------------|----------|
| 1 | Product Design and Validation | Mumbai and Vizag | Software |
| 2 | Advanced Manufacturing | | |
| 3 | Test and Optimization Lab | | |
| 4 | Nesting- Productivity Improvement Lab | | |
| 5 | Dimensional Accuracy Control System | | |
| 6 | Hull Design | Vizag | Hardware |
| 7 | Research Machine Shop | | |
| 8 | Automation | | |
| 9 | Mechatronics | | |
| 10 | Welding Technology | | |
| 11 | Robotics | | |
| 12 | Process Instrumentation | | |
| 13 | Electrical | | |
| 14 | Pneumatics & Hydraulics | | |
| 15 | Virtual Reality | | |
| 16 | Pumps Training System | | |
| 17 | Piping Training System | | |
| 18 | Radar System | | |

6. **Amity University Maharashtra**, with its future-ready, sprawling campus, a world - class learning infrastructure and over a kilometer long frontage on the Mumbai-Pune Expressway offers a 360 degree career transformational set-up. With its state of the art infrastructure, the campus facilitates all-round growth of students
7. CEMS is launching its **College Extension program** to all Engineering Institutions & Colleges for their students and teaching staff. Under this College Extension program, CEMS will provide following facilities to the college on a **non-exclusive basis** at its Mumbai / Vizag Centre;
- a. **Students Trainings (available for B.Tech & M.Tech students) on various technologies available at CEMS Centre's.**
- I. Short term courses (average 40 hrs of training) as part of Credits (Course curriculum) or optional
 - II. Diploma & Certificate courses (average 200 hrs of training) *as part of credits(Course curriculum) or optional*
 - III. Weekend / semester vacation courses
 - IV. Training for pass out students.



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- b. **Faculty Development Program at CEMS Centres**
- c. **Internships at CEMS by participating institutes students**
 - I. Internship Programs for Credits
 - II. Visit to CEMS Vizag as part of Industrial visit/ Internship Program for exposure to all engineering disciplines (as per 18 labs, details attached before)
- d. Customized courses for students & faculties as per the requirement.
- e. Availability of Labs for undertaking Industry Projects and experiments.
- f. Teaching staff or research scholars of the participating institute can use resources of CEMS for their thesis work.
- g. All courses of CEMS shall be certified by **Siemens and Indian Register of Shipping (IRS)**.
- h. Students and teaching staff of the participating institute can explore CEMS resources such as lab infrastructures, teaching staff, courses and its certification, and highly level industry relevant course materials & IP's.

WHEREAS:

1. In pursuant to Memorandum of Understanding signed between **Centre of Excellence in Maritime and Shipbuilding (CEMS)** and **Amity University Maharashtra (AUM)**, this agreement is entered.
2. To detail areas of cooperation between the parties in areas of academics, certification, student's allocation for undertaking certificate courses at CEMS, teaching & technical staff allocations for Train the Trainer (ToT) program.
3. To fix **Amity University Maharashtra**, Teaching Staff schedule for their trainings under Train the Trainer program (ToT) at CEMS. CEMS and the College shall mutually decide the schedule based on the availability of teaching staff and the lab infrastructure.

CEMS and Amity University Maharashtra, have mutually discussed and agreed to enter into this agreement as detailed hereinafter.

NOW THEREFORE, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

1. **CEMS** has invited **Amity University Mumbai**, to participate under its "**CEMS College Extension Program (CEP)**".
2. Under **CEMS CEP**, participating college shall assign their regular students based on the student's specific interest to CEMS Mumbai/Vizag centre for stated period as per mutually decided timings.
3. The courses offered to the students are of three categories;
 - a. Basic / Foundation Level courses – Average study of 40 hours.
 - b. Intermediate / Master Level Courses – Average study of 70 hours.



- c. Advance / Expert Level Courses – Average study of 100 hours.

Further for comprehensive training in each domain, Diploma and Certificate Programs which are of average 200 study hours are offered.

4. The course fee for each of the course is charged based on per student per course basis.

a. Fees Structure

| Course Level | Standard Fees (for average study of 40 hrs) | Discounted Fees for _____ (for average study of 40 hrs) |
|----------------------------|--|--|
| Basic Level courses | Rs.10, 000 + GST per student per course | Rs.7,000 + GST per student per course |
| Intermediate Level Courses | Rs.15000 + GST per student per course | Rs.10,000 + GST per student per course |
| Advance Level Courses | Rs.20000 + GST per student per course | Rs.12,500 + GST per student per course |

- b. Above mentioned fees will be applicable for period of **two year** from the date of MOU

- c. Fees will be revised in Mutual Discussion with the College Representatives

5. CEMS shall on its own can club few courses or modules as per the current industry needs and can make bigger or smaller duration courses to suite the academic needs containing elements from basic, intermediate or advance courses. Such courses and fee per student will be proportionate to duration of the course.
6. The participating college shall provide the students of its college as per the time table decided for the course enrolled by its students.
7. CEMS shall take responsibility of the student's attendance for the time they are enrolled with CEMS.
8. Transportation will be responsibility of students.
9. CEMS shall collect the course fee directly, the bank details are as under.

NEFT/RTGS details for remittance of fees:

| | |
|-----------|--|
| BANK NAME | YES BANK LTD |
| A/C NAME | CENTRE OF EXCELLENCE IN MARITIME & SHIPBUILDING (CEMS) |
| A/C NO | 001094600001067 |
| BRANCH | ANDHERI WEST |



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| | |
|-----------|-------------|
| IFSC CODE | YESB0000010 |
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10. This MoU will have tenure of Three (3) years from the date of signing, after which a renewal MoU shall be signed extending the facilities mutually.

11. LIMITATION OF LIABILITY

Except as agreed and provided under this Agreement, none of the Parties shall be liable to bear or pay any damages arising out of loss of income, loss of profit, special, incidental, indirect, punitive, exemplary or consequential, to any party including third parties, and all such damages are expressly disclaimed.

12. DISPUTE RESOLUTION

The Parties shall endeavour to resolve all or any dispute arising out of or in connection with this Agreement, amicably within 30 days of notice being issued by the non-defaulting party to the defaulting party. In case no amicable solution is arrived between the Parties within 60 days of the notice, then such dispute/s shall be settled through arbitration as per the provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time.

13. UNCONTROLLABLE CIRCUMSTANCES

If the performance of any part of this Agreement by **CEMS** and **Amity University Maharashtra** is prevented or delayed by acts of civil or military authority, flood, fire, epidemic, war or riot, or other acts beyond the reasonable control of either party, the party affected shall be excused from such performance only during the continuance of any such event.

14. SEVERABILITY

If any provision or provisions of this Agreement shall be held to be illegal, invalid or unenforceable, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired there by and the parties hereto agree to replace the illegal or unenforceable provisions with valid provisions which are as close as possible to the illegal or unenforceable provisions in their respective meaning, purpose, and commercial effect within reasonable time.

15. GOVERNING LAW AND JURISDICTION

This Agreement shall be governed and construed in accordance with the laws of India and subject to the arbitration clause mentioned above, the courts of Mumbai shall have the jurisdiction to entertain any dispute or suit arising out of or in relation to this Agreement.

16. PUBLICITY

No parties shall make any public disclosure, except as may be required by applicable law, relating to discussions and or terms related to this Agreement, without obtaining the prior written consent of the other party. No party shall use and nor shall it let its



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employees, agents and subcontractors use the name, trademark or logo of other party in any sale, marketing publication, advertisement, or other publication without prior written permission of other party. No party shall make, or let its employees, agents or subcontractors make, any public statement relating to any other party.

17. MODIFICATION, AMENDMENT, SUPPLEMENT OR WAIVER

No modification, amendment, supplement to or waiver of this Agreement or any of its provisions shall be binding upon the parties hereto unless made in writing and duly signed by the authorized representative of the party against whom enforcement thereof is sought. A failure or delay of any party to this Agreement to enforce at any time any of the provisions of this Agreement or to exercise any option which is herein provided, or to require at any time performance of any of the provisions hereof, shall in no way be construed to be a waiver of such provisions of this Agreement.

18. ENTIRE AGREEMENT

This Agreement together with all Appendices, Exhibits, Schedules, Attachments and Addenda, if any, attached hereto constitute the entire agreement between the parties and supersedes all previous agreements, promises, representations, understandings and negotiations, whether written or oral, between the parties with respect to the subject matter hereof.

This Agreement is prepared in two originals and each party shall retain one copy. Each copy shall be treated as original when taken separately and shall constitute as one when taken together.

Courses Offered at CEMS Mumbai & Vishakhapatnam (Software & Hardware Courses)

a. **Diploma & Certificate Courses**

| Sl No | Course Title | Duration (hrs) |
|-------|--|----------------|
| 1 | Diploma in CAD | 200 |
| 2 | Diploma in CAE | 150 |
| 3 | Diploma in Digital Manufacturing | 200 |
| 4 | Diploma in PLM | 200 |
| 5 | Certificate Course in Surfacing | 100 |
| 6 | Certificate Course in Process & Plant Design | 100 |
| 7 | Diploma in Robotics | 250 |
| 8 | Certificate Course in Plate Nesting | 120 |
| 9 | Diploma course in NVH | 150 |



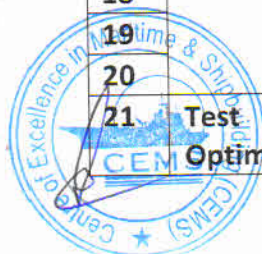
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| 10 | Diploma course in Automation & Mechatronics | 200 |
| 11 | Certificate course in Process Instrumentation | 100 |
| 12 | Certificate course in Drives & Switchgears | 120 |
| 13 | Diploma course in Pneumatics & Hydraulics | 200 |
| 14 | Certificate course in Virtual Reality | 50 |
| 15 | Certificate course in Radar System | 60 |

b. Lab wise Certificate Courses

| Sr No | Lab Details | Course Name | Course Level | Duration (Hrs) |
|-------|-------------------------------------|---|--------------|----------------|
| 1 | Product Design and Validation (PDV) | Essentials for Designers | Basic | 40 |
| 2 | | Sketching Fundamentals | Intermediate | 16 |
| 3 | | Synchronous Modelling Fundamentals | Intermediate | 8 |
| 4 | | NX Sheet Metal | Intermediate | 16 |
| 5 | | Drafting Essentials | Intermediate | 24 |
| 6 | | Intermediate Design & Assemblies | Intermediate | 16 |
| 7 | | Advanced Assembly Design | Advance | 60 |
| 8 | | Class A Free Form Modelling | Advance | 40 |
| 9 | | NX Manufacturing Fundamentals | Basic | 24 |
| 10 | | Turning Manufacturing Process | Intermediate | 24 |
| 11 | | Engine Design | Advance | 35 |
| 12 | | Advanced Simulation | Intermediate | 60 |
| 13 | | Composite & Structure Assembly | Intermediate | 40 |
| 14 | Advanced Manufacturing | TCUA - Using TC | Basic | 32 |
| 15 | | TCUA - Installation | Basic | 40 |
| 16 | | TCUA - Integration for NX users | Intermediate | 8 |
| 17 | | TCUA- Application & Data Model Administration | Advance | 40 |
| 18 | | Tecnomatix – Process | Intermediate | 40 |
| 19 | | Tecnomatix – RobCAD | Intermediate | 150 |
| 20 | | Tecnomatix – Flow | Intermediate | 50 |
| 21 | Test and Optimization Lab | Vibration Measurements and Analysis | Intermediate | 20 |



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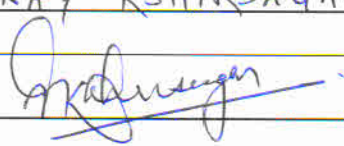
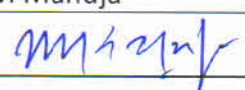
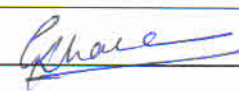
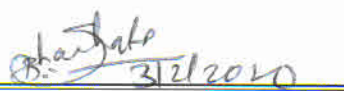
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| 22 | | Modal Testing and Analysis | Intermediate | 30 |
| 23 | | Acoustics Measurements and Analysis | Intermediate | 30 |
| 24 | | Acoustics NVH Simulation | Intermediate | 20 |
| 25 | | Multi body dynamics | Advance | 30 |
| 26 | | Advanced Finite Element Analysis (FEA) | Advance | 90 |
| 27 | Nesting- Productivity Improvement Lab | Nesting Productivity Improvement | Intermediate | 120 |
| 28 | Dimensional Accuracy Control System | Dimensional Accuracy Control | Intermediate | 120 |
| 29 | Hull Design | Hull Design | Advance | 120 |
| 30 | Research Machine Shop | TURNING-Numerical Control Programming | Intermediate | 32 |
| 31 | | MILLING-Numerical Control Programming | Intermediate | 32 |
| 32 | | 840Dsl | Advance | 120 |
| 33 | Automation | Basics of PLC | Basic | 40 |
| 34 | | Basics of HMI & NETWORKING | Intermediate | 40 |
| 35 | | Basics of SCADA | Basic | 50 |
| 36 | Mechatronics | Basics of Mechatronics | Intermediate | 50 |
| 37 | Welding Technology | Welding | Intermediate | 60 |
| 38 | Robotics | Use and Programming of Industrial Robots | Advance | 120 |
| 39 | Robotics | Robotics Applications | Advance | 120 |
| 40 | Process Instrumentation | Basics of Process Instrumentation | Intermediate | 40 |
| 41 | | Basics of PCS 7 | Intermediate | 50 |
| 42 | Electrical | Basics of AC/DC Drives | Basic | 40 |
| 43 | | Basics of Low Voltage Switchgear-1 | Intermediate | 40 |
| 44 | | Basics of Low Voltage Switchgear-2 | Intermediate | 40 |
| 45 | Pneumatics & Hydraulics | Pneumatics | Intermediate | 50 |
| 46 | | Hydraulics | Intermediate | 50 |
| 47 | Virtual Reality | Virtual Reality | Intermediate | 50 |
| 48 | Pumps Training System | Pumping System | Basic | 50 |
| 49 | Piping Training System | Piping System | Basic | 60 |
| 50 | Radar System | Radar systems | Advance | 60 |



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In witness hereof, the Centre of Excellence in Maritime & Shipbuilding (CEMS), and Amity University Maharashtra have executed those presently in manner hereinafter mentioned on the Mon day of 3rd Feb 2019 at Amity University Maharashtra

| SIGNED ON BEHALF OF | |
|--|---|
| Centre of Excellence in Maritime and Shipbuilding (CEMS) | Amity University Maharashtra (AUM) |
| Name: <u>VINAY KSHIRSAGAR</u> | Name: <u>Dr Ravi Manuja</u> |
| Signature:  | Signature:  |
| Designation: <u>DIRECTOR</u> | Designation: REGISTRAR AMITY UNIVERSITY MUMBAI MUMBAI - PUNE EXPRESSWAY PANVEL - MUMBAI - 410 206 |
| Witness | |
| Name: <u>Ganesh Kharate</u> | Name : <u>Dr Shrikant Charhate</u> |
| Signature:  | Signature:  |
| Designation: <u>Manager</u> | Designation: <u>Director, Amity School of Engineering & Technology</u> |







Memorandum of Understanding (MoU)

Between

Amity School of Engineering & Technology, Amity University, Maharashtra

and

JMS Mining Pvt. Ltd.

This Memorandum of Agreement is entered into by and between **Amity University Maharashtra (AUM)**, Mumbai - Pune Expressway, Bhatan Post-Somathne, Panvel, Mumbai, Maharashtra 410206, (referred to as ASET-AUM) and **JMS Mining Pvt. Ltd. (JMS)**, Dongfang Electric (DEC) Building, 3rd Floor, Premises No. - 16, MAR - 1111, Action Area - 1A, New Town, Rajarhat, Kolkata - 700 163, WB, India on 03/06/2021.

Recitals:

AUM has been established under Maharashtra Govt. Act of 2014 of Government of Maharashtra and is recognized as per Section 2(f) of the UGC Act with the rights to confer degrees. AUM has expertise in various areas of science, engineering, architecture, design, humanities, law and management. AIB-MUM has facilities that support innovative research in areas of plant biotechnology, environmental biotechnology, industrial biotechnology, microbiology & food Biotechnology, Structural & Computational Biology and Stem Cells and Regenerative Medicine.

JMS (A Simplex Infrastructures Associate Company) is a mining company who have pioneered in introducing Mass Production Technology (MPT) using Continuous Miners (CM) in underground coal mines in India and are leading in the industry. Joy Global introduced CM Technology in India in 2002 for supply of equipment and operating the same through its subsidiary. JMS Mining Private Limited was formed after its acquisition by Simplex. Introduction of this technology brought in revolution in terms of eliminating risks of deploying major work force in hazardous areas during conventional mining and enhancing production multi-folded from underground coal mines. JMS being a mining company dealing with various site-specific experiences in projects related to geology, geomining conditions, rock types and their behaviour during mechanised mining in Underground coal extraction. JMS operates with world's latest technology; some of them have been introduced for the first time in India includes Continuous Miner Technology, Bolter Miner Technology. It has presence in major Underground coal mining clusters in the country. Coal India Limited (CIL) and Singareni Collieries Company Limited (SCCL), India's 1st and 2nd coal producing companies respectively, are its esteemed clients.

Whereas, JMS Mining Pvt. Ltd. and AUM (each individually a 'Party' and collectively as 'Parties' hereinafter) are interested to take up a joint research programme / project pertaining to **Proximity Detection System for Continuous Mining Machines**.

The Parties hereto agree to the following terms and conditions for the above collaboration:

1. **Scope, Purpose of Activity:** The scope of the activity under this collaboration will be contained with respect to Coal mines for Proximity Detection.
2. **Intellectual Property (IP):** Based on contributions from inventors of respective Party, knowledge and/or intellectual property (IP) which can be covered by patents and other IPRs will be filed jointly by JMS and ASET AUM, on a case to case basis, based on contributions of each of the Parties and under mutually agreed to terms. Provided however, that either Party may make use of all information and data generated during this collaborative activity hereunder for its own internal research and academic purposes.
3. **Publications:** Any research findings arising from this collaborative activity may be published / presented at national or international conferences as jointly authored. Acknowledgement of the contribution of the authors towards such publications will be made, as appropriate. However, the terms and conditions for such publications shall be mutually agreed upon.
4. **Confidentiality:** JMS and ASET AUM agree to hold in confidence all information/data designated as confidential, which is obtained/disclosed from either Party or created during the performance of this agreement and will not disclose the same to any third party without written consent of the other Party.
5. **Non-Exclusive:** This relationship is on a non-exclusive basis and either AUM or JMS are free to enter into other relationships or alliances with other partners.
6. **Term and Termination:** The term of this agreement shall be for a period of 2 years from the date of execution hereof unless terminated earlier by a written notice of thirty (30) days, by a Party seeking such termination, to the other Party hereto.
7. **Changes:** Any changes / alterations to this agreement / understanding shall be made by the Parties hereto by mutual agreement, in writing, by the authorized representatives of both the Parties.
8. **Compliances:** Each Party agrees to perform its activities in compliance with all applicable statutes and regulations that are in force at that time.
9. **Dispute Resolution:** Any and all disagreements / differences / disputes arising hereunder shall be resolved amicably by the designated senior executives / officers of the good offices of both Parties. Further, unresolved disputes, if any, shall be resolved by arbitration to be conducted under the Indian Arbitration and Conciliation Act 1996 in the English language at Kolkata.

Areas of collaboration:

Subject to the availability of funds from JMS and the approval of the Advisory Committee and Director JMS and AUM, collaboration will be undertaken through activities or programs such as:

1. Conducting joint research activities within the fields of interest with project related to proximity detection that are mutually agreed upon and subject to availability of funds.
2. Participating in conference, symposia and seminars.
3. Trial of prototype will be done at JMS project site so as to align the research work with the actual site condition and working environment. However, due to COVID situation it is

understood that travel/visit is restricted but shall be done at the earliest as the situation normalizes.

4. JMS accepts the proposal and agree to provide sponsorship of INR 25,000 for Phase-1 R&D towards the equipment cost only. The same shall be justified by ASET, Amity University Maharashtra by submitting relevant supporting documents to JMS.
5. Progress of Phase-1 shall be discussed with our engineering team regularly for updating and taking guidance. The product development in this phase shall be aimed to work in underground mining conditions.
6. On successful development of the product, it shall be jointly patented by the inventor and JMS.
7. Exclusive commercial rights of the developed product shall be with JMS only.

AGREED

AUM Name: Dr. Hira S. Vyas
Title: **Registrar, AUM**
Signature:



Date: 03/06/2021

Witnesses:
Name: Dr Deepa Parasar
Department Coordinator CSE
ASET, AUM
Signature:

Date: 03/06/2021

JMS Name: Mr. Dilip Kumar Sharma
Title: **Director & CEO, JMS**
Signature:



Date: 03/06/2021

Witnesses:
Name: Mr. Atul Gandhe
Chief Manager, JMS
Signature:

Date: 03/06/2021



தமிழ்நாடு தமில்நாடு TAMILNADU

CHOLA PEOPLE AND MARKETING SERVICES PVT. LTD.

BH 813570

21 FEB 2019

"Dare House"
2nd Floor, NSC Bose Road,
Parrys, Chennai - 600 001.

[Signature]

V. HEMACHALAM
Stamp Vendor
L.C. No. A6/4G153/81
32, VATHIYAR KANDA PILLAI STREET
CHOLAI, CHENNAI - 600 112.
044 - 25323103 / 9381008082

MASTER SERVICES AGREEMENT

This Master Services Agreement (hereinafter referred to as the "Agreement"), (which expression shall include all amendments thereto from time to time) is made on 29.04.2019

BETWEEN

CHOLA PEOPLE AND MARKETING SERVICES PRIVATE LIMITED, (having PAN AAGCC5481J), a company registered under the Companies Act, 2013 and having its registered office at 2nd Floor, "Dare House", No.2, NSC Bose Road, Chennai 600 001, India (hereinafter referred to as "CPMSPL" which expression shall unless repugnant to the context or meaning thereof, be deemed to include its successors-in-interests and permitted assigns) of the **FIRST PART**

AND

AMITY UNIVERSITY MUMBAI (a University under aegis of Ritnand Balved Education Foundation), (having PAN AAATR7314Q) registered as private state university under the gazette notification of Maharashtra Government vide document No.MH/MR/South-344/2014-16 dated 24 June 2014, having its registered office at Mumbai Pune Expressway, Bhatan Panvel, Raigad District, Maharashtra 410 206 (hereinafter referred to as "Amity" which expression shall, unless repugnant to the context include its successors-in-office, interests and permitted assigns), of the **SECOND PART**.

[Signature]
AMITY UNIVER

For CHOLA PEOPLE AND MARKETING SERVICES PVT. LTD.
[Signature]

prevalent from time to time. The payment mechanism shall be as set out in the Agreement.

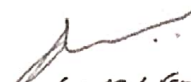
- 6) In case of any conflict of provisions of the SOW No. ___ and the Agreement, the terms of Agreement shall prevail, unless the contrary is agreed between the Parties in the SOW No. ___.

IN WITNESS WHEREOF, each of the parties, by its duly authorized representative has executed and delivered this Statement of Work as of the date specified above:

Chola People and Marketing Services Amity University Mumbai,
Private Limited,


Authorized Signatory
Suryavanshi

Witness :
Name:
Address:


SUNIL K MERCHANT
CPMS PL


Authorized Signatory
Dr. Ravi Manuja, Registrar

Witness:
Name: Dr A K S Suryavanshi
Address: Amity University Mumbai

MEMORANDUM OF UNDERSTANDING BETWEEN



Amity Institute of Information Technology

AIIT

AND

Digitech Confidential



MEMORANDUM OF UNDERSTANDING

The MOU is between **Digitech Confidential**, headquartered at Suite 16399. P.O. Box 6954, LONDON, W1A 6US and **Amity Institute of Information Technology, at Amity University Maharashtra** located Mumbai - Pune Expressway, Bhatan Post - Somathne, Panvel, Mumbai, Maharashtra 410206.

Amity University, Mumbai is a state-private University established under Government of Maharashtra Act No. XIII of 2014 established by the RitnandBalved Education Foundation, New Delhi, a society registered under the Societies Registration Act, 1860. and is recognized as per Section 2(f) of the University Grants Commission Act. The Amity Institute of Information Technology (AIIT) established in the year 2015.

The Digitech Confidential is expert in the Data Protection Audits, GDPR & Data Protection Policies, Data Subject Access Requests, Data Processing Agreements. Digitech Confidential can help through the preparation for GDPR. Digitech Confidential create awareness, run a data audit, and update privacy information.

OBJECTIVES OF THE MOU:

1. The MoU is for the research and academic development of faculty and students of the Institution and the mutual benefits of the both collaborating parties.
2. Bridge the gap between industry and academics by training students in industrial approach and technologies.
3. Train and motivate students to learn to ideate and implement their own ideas that solve social and industrial problems.
4. Bringing holistic thinking in students, and train students and to do initial mentorship.
5. Enable students to participate and bag laurels at National and International level Conferences/Seminars/Contests.
6. Increase employability by developing technical skills in the students.
7. Providing the best technical internships to the students from the college.
8. Conducting workshops in the latest technologies like GDPR & Data Protection Policies, Data Subject Access Requests, and Data Processing Agreements, by industry experts.
9. Encourage cross-functional learning by facilitating multi-disciplinary data protection and security related projects.
10. Establish connect with student in the college and have a constant conversation with them to motivate them to become best IT professional possible.
11. Facilitate joint-research using company's and college premises.
12. Provide research projects to teaching faculties to enhance quality of education.

13. Educating the students about the various opportunities available in the IT Industry.

TERMS AND CONDITIONS:

1. RELATIONSHIP :

- 1.1 MOU is the collaboration between two parties for mutual benefit and to enrich Information Technology students of the Amity Institute of Information Technology at the Amity University Maharashtra.
- 1.2 There is no financial obligation on either party to get under the agreement.
- 1.3 MOU stands valid for five years from the date of agreement. The collaboration can be terminated from either side with a notice period of one month.
- 1.4 Both parties shall work in synchronism to ensure the successful completion of collaboration.
- 1.5 Both the parties shall provide adequate facilities to the students undergoing training with mutual understanding.
- 1.6 The income generated as the result of our collaboration shall be split as per mutual agreement.

2. OBLIGATION :

- 2.1 There shall be no obligation on any party to compensate the other in any manner or to make any claim.
- 2.2 Each party shall meet the expenses as mutually agreed.
- 2.3 Each party shall respect the others' intellectual property (I.P.).
- 2.4 Both parties shall maintain confidentiality about any information.

3. LIMITATION :

- 3.1 Each party represents that they have full power and authority to enter into this MOU.
- 3.2 Each party shall ensure to work together with maturity.

4. CONDITION :

- 4.1 Both parties will designate a representative who will be the primary point of contact. On the behalf of the Amity Institute of Information Technology at Amity University Maharashtra Dr. Manoj Devare, Head of the Institute will be point of contact for the further communication.



AMITY
UNIVERSITY
—MUMBAI—

AIIT



DIGITECH
CONFIDENTIAL

4.2 Unless and until the parties agree there shall be no public announcement. Agreement has to be in the form of written approval.

4.3 Any dispute under this MOU will be settled with the mutual consent.

In written, where of both parties put their hard seal on the day, month and year herein mentioned.

DATE: 08th June 2020

PLACE: Bhatan, Panvel

NAME: Dr. Manoj Devare

DESIGNATION: Head of the Institute, AIIT.

ADDRESS: Amity Institute of Information Technology, Amity University Maharashtra, Mumbai - Pune Expressway, Bhatan Post - Somathne, Panvel, Mumbai, Maharashtra 410206.

mhdevare@mum.amity.edu

SIGNATURE:

SEAL

DATE: 08th June 2020

PLACE: London, UK

NAME: Kamal Acharya

DESIGNATION: Consulting Director

ADDRESS: Suite 16399,
P.O. Box 6954, LONDON, W1A 6US
United Kingdom.

Email: info@digitechconfidential.com

SIGNATURE:

SEAL



MEMORANDUM OF UNDERSTANDING BETWEEN



Amity Institute of Information Technology

AIIT

AND

Instron Technologies



[Handwritten signature]

[Handwritten signature]

MEMORANDUM OF UNDERSTANDING

The MOU is between **Instron Technologies LLP**, headquartered at Office No. 8 Plot No 165/1/10, T Block, Priyadarshani Industry Society, Near Post Office, MIDC, Bhosari, Pune, Maharashtra, India -411026 and **Amity Institute of Information Technology, at Amity University Maharashtra** located Mumbai - Pune Expressway, Bhatan Post - Somathne, Panvel, Mumbai, Maharashtra 410206.

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Instron Technologies LLP is dedicated to help customers improve their capacity, enhance operational efficiency, better the quality of products produced and enable safer operation of equipments. We deliver both products and services in the domains enlisted with the help of state-of-the-art process systems, automation and Industrial Internet of Things technologies. The Instron Technologies LLP organization is expert in Instrumentation, Software, Process & Thermal Engineers to provide state of the art product and services in the areas of, Automation, Process Plant Design & Supply, and IIoT

OBJECTIVES OF THE MOU:

1. The MoU is for the research and academic development of faculty and students of the Institution and the mutual benefits of the both collaborating parties.
2. This functional MoUs with institutions/ industry will provide the opportunity to the students for internship, on-the-job training, project work, student and faculty exchange and collaborative research with the mutual understanding between the both parties.
3. Bridge the gap between industry and academics by training students in industrial approach and technologies.
4. Train and motivate students to learn to ideate and implement their own ideas that solve social and industrial problems.
5. Bringing holistic thinking in students, and train students and to do initial mentorship.
6. Enable students to participate and bag laurels at National and International level Conferences/Seminars/Contests.
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10. Encourage cross-functional learning by facilitating multi-disciplinary areas.
11. Establish connect with student in the college and have a constant conversation with them to motivate them to become best IT professional possible.
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14. Educating the students about the various opportunities available in the IT Industry.

TERMS AND CONDITIONS:

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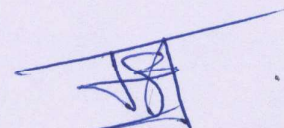
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- 3.2 Each party shall ensure to work together with maturity.

4. CONDITION :



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- 4.2 Unless and until the parties agree there shall be no public announcement. Agreement has to be in the form of written approval.
- 4.3 Any dispute under this MOU will be settled with the mutual consent.

In written, where of both parties put their hard seal on the day, month and year herein mentioned.

| | |
|--|--|
| <p>DATE: 5 June 2020</p> <p>PLACE: Bhatan, Panvel</p> <p>NAME: Dr. Manoj Devare</p> <p>DESIGNATION: Head of the Institute, AIIT.</p> <p>ADDRESS: Amity Institute of Information Technology, Amity University Maharashtra, Mumbai - Pune Expressway, Bhatan Post - Somathane, Panvel, Mumbai, Maharashtra 410206.</p> <p>SIGNATURE: </p> <p>SEAL: </p> | <p>DATE: 5 June 2020</p> <p>PLACE: Bhosari MIDC, Pune</p> <p>NAME: Milind Prakash Saindane</p> <p>DESIGNATION: Director</p> <p>ADDRESS: Office No. 8, Plot No. 165/1/10, T Block, Priya darshani Industry Society, Near Post Office, MIDC, Bhosari, Pune, Maharashtra, India - 411026 Ph: +91-7028015958</p> <p>SIGNATURE: </p> <p>SEAL: </p> |
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Memorandum of Understanding

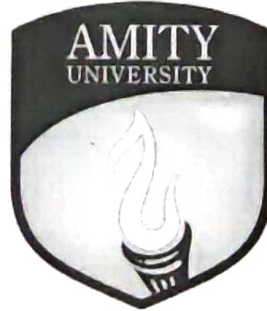
Between

**Rayat Shikshan Sanstha's
Mahatma Phule Arts, Science and Commerce College,
Panvel District- Raigad (Maharashtra)
Department of Physics and Chemistry**



And

**Amity School of Applied Sciences,
Amity University Mumbai
Bhatan Village At post Somatne,
Dist. Raigad, Maharashtra**



MEMORANDUM OF UNDERSTANDING

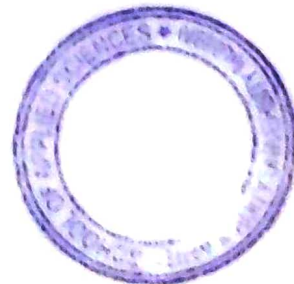
This Memorandum of Understanding is made and entered into at Panvel on **Thursday 7th February 2019** between **Rayat Shikshan Sanstha's Mahatma Phule Arts, Science and Commerce College, Panvel, District- Raigad** through its Principal Dr. Ganesh Anant Thakur (hereinafter referred as "MPASCC" which expression shall unless it be repugnant to the subject or context thereof shall mean and include its authorized representatives, successors and permitted assigns) of the first part

And

Amity School of Applied Sciences Amity University, Mumbai Bhatan Village At post Somatne, Dist. Raigad, Maharashtra through its authorized representative Head of the Institution (HoI) (hereinafter referred as "ASAS")

A. PREAMBLE :

MHRD/UGC are emphasizing the need for collaborations between research institutions, Colleges, Industries and Universities. This helps to increase the academic standards and reduce the technology gap between academic deliberations in the Universities and technological developments in the institutes, colleges and industries. The University-College collaboration provides platform to train the students to meet the requirements of the user groups. There is an urgent need to establish close collaboration between Universities and colleges/industries to provide solutions to the general problems like:



B. Mahatma Phule Arts, Science and Commerce College, Panvel

Rayat Shikshan Sanstha's Mahatma Phule Arts, Science and Commerce College, Panvel District- Raigad (Maharashtra) is one of the prime educational institutions affiliated to University of Mumbai. It is run by Rayat Shikshan Sanstha, Satara, presumably the largest educational institution in Asia, founded by the visionary Late Padmabhushan Dr. Karmaveer Bhaurao Patil. It relishes the dream of socio-economic upliftment of the rural masses and their overall development by the means of education. The college was established in June 1970 in the purview of the Sanstha's splendid aphorism to educate students of farmers, workers, fishermen and saltpan workers of Raigad District, especially of Panvel, Pen, Uran and Khalapur tehsils. Our college was the sole option made available by the Sanstha of higher educational opportunities to the children of the aforesaid populace at the time of its establishment. It has successfully been marching ahead and taking efforts endlessly for the betterment of its stakeholders.

C. Amity University, Mumbai

Amity University, Mumbai was established under Govt. of Maharashtra Act No. XII of 2014 under section 2(f) in 2014 with a vision to provide quality education in all spheres of high learning and health services in Maharashtra. The university believes in creating preacher of knowledge, people who spread the light quiet literally. In Amity University Mumbai campus we are dealing with all levels of scientific and technological programs. Amity School of Applied Sciences (ASAS) is one of the pillars of Amity University Mumbai imparting a quality education in basic sciences. We are running 04 Undergraduate and starting 03 Postgraduate courses under the roof of ASAS



D. Collaboration

MPASCC and ASAS have mutually agreed to collaborate with each other in the following areas.

- Teaching, Research and Training in selected and advanced thrust areas of S & T, with special reference to Applied Sciences;
- Intellectual Property Rights;
- Science and Technology Transfer wherever it is possible and necessary;
- Any other areas of mutual interest.

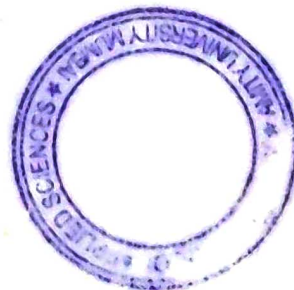
MPASCC having the necessary facilities, expertise and wide experience in Applied Sciences and allied fields has agreed to enter into a collaborative understanding with the ASAS on the terms and conditions enumerated in this MoU.

E. Disclaimer:

This MoU is not intended by MPASCC and ASAS to constitute, create, give effect to, or otherwise recognize a joint venture, agency, partnership, or formal business organization of any kind. Each party hereto shall act as an independent entity and neither shall act as an agent of either organization for other purposes. Neither party has the authority to bind the other party.

F. Non-exclusivity:

The agreement reflected by the provisions of this MoU is non-exclusive in nature and both the parties can enter into cooperative arrangements with other parties to suit their organizational needs.



G. Confidentiality:

The parties understand that in the course of their association, they shall have access to confidential information provided by the other party. Accordingly, the parties agree that such information shall be maintained in the strictest confidence and trust, except such information which is by its nature, not confidential or which is in the public domain or which the party comes to know about other than through violation of any law of legal obligation, provided that such party may be entitled to disclose such information if legally required to be disclosed to a competent authority. Failure to maintain confidentiality shall entitle the affected party to terminate the MoU.

H. Validity:

This MoU would remain valid for a period of Five years from the date it is signed by the parties and is renewable on mutual consent for such further period as agreed upon.

I. Term and Review:

If necessary, the MoU shall be reviewed any time after completion of one year from the date of signing of this MoU. Either party can terminate the MoU after giving one month's notice to the other party subject to fulfillment of commitments already agreed upon.

J. Amendments:


This MoU constitutes the entire understanding between the parties hereto. Except as otherwise provided herein, no addition, amendment to or modification of this MoU shall be effected unless it is in writing and signed by and on behalf of both parties by their respective authorized signatories.



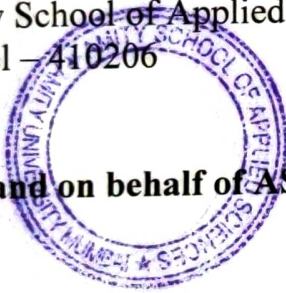
K. Arbitration


Any dispute arising with regard to any aspect of this Agreement shall be settled through mutual consultations and agreements by the parties of the agreement.

In witness whereof each of the parties has caused this MoU to be executed in two originals, one has been retained by MPASCC and the other by the ASAS, on Thursday, 7th February 2019.


Dr. Aradhana Khare
Hol
Amity School of Applied Sciences
Panvel - 410206
India

(For and on behalf of ASAS)




Dr. Ganesh Anant Thakur
Principal
Mahatma Phule Arts, Science and
Commerce College, Panvel
Maharashtra, India

(For and on behalf of MPASCC)

