

## Kolhapur Institute Of Technology's College of Engineering (Autonomos), Kolhapur MoU's List

Sr. No	Organization	Date Of Siging MoU	Valid Upto	Outcome
1	TATA Consultancy Services	05-08-22	31/05/2027 (05 years)	TCS designed courses offered as Bachelor's degree
2	Mae Fah Luang University, Chai Rai, The Kingdon of Thailand	01-12-22	01/12/2027 (05 years)	Promote international collaboration in fields of shared interest and expertise.
3	Precision Automation and Robotics India (PARI)Satara	07-11-20	06/11/2023 (03 years)	Exposure to latest innovative industrial practices for students. Opportunity to work on live industrial problems Deployment of technologies contained In AKRUTI pack
4	Bhabha Atomic Research Center, Mumbal	10-03-23	14/02/2025	Deployment of technologies cntained in AKRUTI pack
5	Esapilling Pvt Ltd., Pune	15-02-20	-	Student internship programme at Esaplling
6	Shri Siddheshwar Devastan Trust's Shree Siddheshwar Women's College of Engineering.	03-09-21	14/02/2025	To develop Superior human resources.
7	Impetech IT Solutions Pvt Ltd. Pune	15-02-20	14-02-25	Internship programme with Impetech.
8	Jade global software Pvt. Ltd. Pune	15-09-15	14-09-18	Placement assistance to KIT Sponsored UG projects
9	Global Network Solutions, Kolhapur	28-12-17		Vocational inplant training
10	Nebulas Automation Pvt.Ltd, Kolhapur	19-12-16		Industrial visits to students. Equipment facilities unilization at Nebulas
11	EdGate Technologies Pvt Ltd.	30-06-19		
12	Procom Enterprises Ichalkaranji	25-07-15		Education trainer kit access
13	SK Electronics, Kolhapur	16-11-17		Sponsorship for projects. Use of equipment's and facilities of SK Electronics. Vocational trainings.
14	Pathseeds Global Educations- LLP Kolhapur	18-10-19		Provide online IETS training with 4 face to face classes
15	Shimpukade Metals Pvt Ltd. Kolhapur	17-08-16		Students internships. Industrial visits
16	SKADA Technology Solutions Pvt. Ltd, Pune	22-02-18		Students internships. Industrial visits
17	JET Industries, Ichalakarnji	19-08-16		Students internships. Industrial visits
18	Tata Technologies Limited, Pune	21-01-16	Life time	Corporate sustainability Programme (CSP) to TY / Final year students.



Sr. No	Organization	Date Of Siging MoU	Valid Upto	Outcome
19	CTIF Vishwaniketan Network, Kumbhivali, Raigad	01-10-18	02-10-19	International exposure to students Guide, train the academic leadership, faculty and students to implement PBL vision
20	6 Sigma foundation for engineering research, Kolhapur	11-09-19		Students internships / Industrial visits
21	Samrudhi TBI Foundation, Sangali	04-07-17		
22	KPIT Technologies Limited, Pune	10-09-14		Integral part of academic curriculum plant Student placements in KPIT
23	CREDAI Kolhapur	22-07-15	31-03-17	Students internships. Industrial visits. Placement support.
24	Mr. & Mrs. C. V. Nishikant (GIS Consultant)	22-07-15	31-03-17	Knowledge sharing of GIS
25	INPODS	02-07-15	01-07-16	Knowledge sharing of software development. Virtual labs. Online courses to students
26	Global Talent Track Private Limited, Pune	03-02-17	02-02-18	Employability enhancement
27	Zenser Technologies Limited. Pune	06-06-14	05-06-17	Placement supports. Providing courseware to students
28	Central Dogma Pvt. Ltd. Pune	17-07-14		Strengthening research activities. Interaction with CDAB scientists on various research projects
29	Siemens Industry Software (India) Pvt. Ltd. Gurgaon	25-02-15	24-02-18	Training material sharing. Training courses.
30	District Industries Central, Kolhapur	27.07.2023		
31	Evolvingx Services Pvt. Ltd.	16.07.2024		Entrepreneurship, Employoability skills and Empowerment of students
32	Knorr-Bremse Technology Center India Private Limited	21.04.2024		Placement supports. Providing courseware to students
33	Wynum Automation Services Pvt. Ltd.	13.09.2024		Placement supports. Providing courseware to students
34	Electronica Mechatrnics Systems	09-02-21	08-02-24	Joint IPR and Research publications, Enrichment of existing laboratories

  
**Dr. Amit R. Sarkar**  
 Dean, Corporate Relations,  
 Kolhapur Institute of Technology's  
 (Autonomous) Kolhapur 416 234  
 Maharashtra, India





महाराष्ट्र MAHARASHTRA

2022

BN 971647

1 AUG 2022

Kolhapur Institute of Technology's  
College of Engineering (Autonomous)  
Kolhapur



₹ 000 + ₹ 500 = ₹ 500

21 JUL 2022



### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MOU") is entered into on the 5<sup>th</sup> day of August 2022 by and between Tata Consultancy Services Ltd., a company incorporated under the Companies Act, 1956 and having its corporate office at TCS House, Ravine Street, Fort, Mumbai 400001, India (hereinafter referred to as "TCS"), and Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur (hereinafter referred to as "Institute")

TCS and Institute are both hereinafter referred to as "Party" individually or "Parties" collectively as the context may require



MAHARASHTRA

2022

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4 JUL 2022

कोल्हापूर 24000 रु. लिमिटेड 900  
Kolhapur Institute of Technology's  
College of Engineering (Autonomous)  
Kolhapur 21. कोल्हापूर



800  
400 + 400 = 800



21 JUL 2022  
STAMP HEAD CLERK  
TREASURY OFFICE  
KOLHAPUR (M.S.)

WHEREAS Institute is engaged in providing educational degrees at graduate and postgraduate level in various streams and is an autonomous institution or affiliated to Shivaji University.

WHEREAS TCS is inter alia engaged in the business of provision of various information technology services, business solutions, consultancy and outsourcing services worldwide; and

WHEREAS the Parties recognize each other competencies and hereto agree that a strategic relationship between them will benefit each other.

NOW THIS MOU aims to capture the understanding reached between TCS and Institute regarding each other's roles and responsibilities.

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## I) UNDERSTANDING

This MOU is intended to cover a specific collaborative effort between TCS Institute under the Academic Interface Programme driven by TCS under which TCS will work towards developing and designing and/or providing industry specific application based curriculum specializations streams in related domains ("Curriculum") at the bachelor's degree level ("Option 2, offering III") as may be agreed to by the Parties and details outlined in Annexure A. The term 'Curriculum' as used in the MOU shall apply only for Option 2 in Annexure A.

The agreement between TCS and Institute would be effective from 05<sup>th</sup> August 2022 ("Effective Date") and shall be valid up to 31<sup>st</sup> May 2027, covering the batches joining admissions to batch joining in the AY 2022 (ending AY 2026) and AY 2023 (ending AY 2027). Any consent of TCS and the Parties shall enter into written amendment to the MOU extending the term of this MOU accordingly.

## II) ROLES AND RESPONSIBILITIES:

### A. Role of TCS:

- TCS agrees to design and develop TCS Designed Course(s) identified in the Annexure A. The final choice of TCS Designed Course(s) to be offered by the Institute to its students will be jointly agreed between TCS and the Institute.
- TCS role will be restricted only to designing and developing the course contents and curriculum of the TCS Designed Course(s) and/or assisting in designing the Curriculum (if agreed and outlined in Annexure A). After review and sign off by the Institute, the TCS Designed Course(s) / Curriculum (where agreed to in Annexure A) will be taught and administered by faculty from the Institute. TCS will not be involved in the administration and the evaluation of the TCS Designed Course(s) / Curriculum. The administration and evaluation of the TCS Designed Course(s) and other core topics included in the Curriculum (where agreed to be offered in Annexure A) along with conferring of the degree to successful students enrolled in the Curriculum will be done by the Institute. On case-to-case basis, TCS may also consider the deployment of its experts as trainers for delivering a part of the offered TCS Designed Course(s) / Curriculum. The mode of the delivery of the course by TCS trainers can be either through face-to-face teaching or through a digital medium using any of the video conferencing tools.
- TCS may consider incorporating the suggestions from the Institute about having as much practical understanding during the design of the course contents and curriculum of the TCS Designed Course(s) by incorporating appropriate case studies, simulations, exercises that can help students visualize and understand the application of concepts in real time business solutions.

- TCS may conduct a Train the Trainer Program ("TTT Program") for appropriate duration where specialists from TCS imparts the knowledge and approach to teach the TCS Designed Course(s) to the nominated faculty of Institute. The TTT Program may be scheduled and repeated as per requirement with mutual agreement between TCS and Institute. The mode of the delivery of the TTT program can be either through face-to-face training or through a digital medium using any of the video conferencing tools.

- The entire effort from TCS end is voluntary and objective is to work along with our stakeholder community (in this case educational institutions / Universities) to build capability and benefit for the students as well as faculty by way of offering courses in areas of knowledge closer to industry practice.

There would be no linkage with campus placements as part of this program as these are two distinct activities. The placement activities are separate and the participation of Institute for the TCS Designed Course(s) has no bearing on placement activities that TCS conducts at colleges and universities each year.

- TCS at this point will be providing this course design, content and training sessions as a voluntary effort keeping in mind the Tata Group Philosophy of working towards benefiting the societies and stakeholders with whom we work.

#### **B. Role of Institute:**

- Institute shall ensure that it holds all valid permissions, authorizations, approvals and consents, licenses and registrations, which may be required under the applicable laws, policies and procedures prevalent from time to time, for launch, administration and instruction of the TCS Designed Course(s) and Curriculum (if agreed to in Annexure A) and the same shall be kept valid and subsisting throughout the period of this MOU or till the completion of the TCS Designed Course(s) / Curriculum, whichever is later.
- The Institute shall not be entitled to claim any fees or charges on account of TCS hiring or employing the students.
- The financial responsibility towards the course fee / charges or other expenses thereto shall be entirely borne by the respective student or the Institute.
- Institute will undertake the role of selecting the core topics (that will fit into the Curriculum) and faculty members who will undertake the ownership for teaching those selected topics.

- Institute will ensure to provide equal status to the TCS Designed Course(s) / Curriculum (at par with all other courses) while offering it to students applying to the Institute. This will be done by placing the option of this course curriculum in all communication medium (College Website, Student Application forms, Brochures etc.) to ensure maximum students undertake the TCS Designed Course(s) / Curriculum.
- Institute will set highest standards of selection for the students and ensure that the students who undertake the TCS Designed Course(s) / Curriculum would put in full effort and contribution to make learning outcomes successful. Focus would be on ensuring students who have a great propensity to participate actively and contribute to learning in a group as well as individual mode.
- Institute shall nominate a designated faculty member who will be the single point of contact for managing the administration and completion of the TCS Designed Course(s) / Curriculum. The faculty will be responsible from Institute side to help TCS team in all administrative and management activities that will be helpful in smooth launch and completion of the course.
- Institute should ensure timely nomination of faculty for attending the TTT Program and delivering the TCS Designed Course(s) in a timely and satisfactory manner and is based on the broad guideline as below. Final choice on the selection of faculty will lie with Institute.
  - a) Post-graduation with solid academic achievements relevant to the TCS Designed Course(s)
  - b) 5+ years' experience in teaching the specific courses which they would be teaching (flexibility allowed)
  - c) Familiar with recent developments in related field
  - d) Effective communication and articulation of scenarios
  - e) Ability to drive interactive sessions
  - f) Willingness to learn and lead
- Institute will own the responsibility of conducting the exams/assessments of student performance for the TCS Designed Course(s) and across all the subjects of the Curriculum. As an input it may consider the assessment criteria as suggested by TCS for assessment to be done through written exams, internal assessments, market visits and take home assignments by the nominated faculty, where each parameter may have an assigned weightage so that students are assessed effectively for their all-round performance.
- Institute will enable Video Conference facility in its campus for faculty to join remotely from TCS office for Faculty Development Program and for students to join for classes on some subjects which may be conducted by TCS faculty over Video Conference.



- Institute will ensure adequate computing Lab facility for the students undergoing course, if required.

- Institute shall ensure that all the students selected for the TCS Designed Course(s) / Curriculum will sign individual confidentiality undertaking substantially in the format as set forth in Annexure B hereunder, to ensure that the course material is not used or disposed off inappropriately and take utmost care not to copy or share the course hand outs and materials that are TCS provided copyrighted material with anyone else. The course material is solely for the students' learning purposes and only students, who undertake the TCS Designed Course(s) / Curriculum shall possess the course material at any time. The course material has to be destroyed / disposed only by shredding, in order to avoid any unauthorized use.

- Institute shall ensure that the faculty from Institute who would be trained through the TTT Program will sign individual confidentiality undertaking, substantially in the format as set forth in Annexure C hereunder, to ensure that the course material is used appropriately only for the purpose of instruction of the TCS Designed Course(s) / Curriculum. The faculty should not use this course material for other courses or for any other purpose whatsoever and also should not dispose it in a manner that can lead the course material falling in hands of those who should not be recipients of the course work. The faculty trained by TCS would teach the TCS Designed Course(s), only as long as this MOU is valid.

- Institute shall ensure availability of all requisite facilities, infrastructure, cooperation, etc. required to seamlessly deliver the TCS Designed Course(s) / Curriculum to the applicable students. The lectures are to be scheduled during the normal working days of the Institute or as decided by Institute. In cases where TCS' assistance is availed by Institute for delivery of the TCS Designed Course(s), TCS and Institute will mutually agree to a schedule for the same. Institute recognizes that timely and continued provision of the facilities by Institute is a condition precedent to the completion of the TCS Designed Course(s) / Curriculum in time. Any delay or failure in the provision of agreed facilities will hamper the timely completion of the course, and TCS shall not be held liable for the same.

- Institute shall permit the applicable TCS faculty/personnel engaged pursuant to this MOU, reasonable access to the premises of Institute, for the purpose of delivery of the TTT Program or to fulfill its role under this MOU or assist the Institute in any other manner in relation to this MOU.

- At the end of the TCS Designed Course(s) / Curriculum, any formalities with respect to awarding certificate of course completion to the students will be done by Institute in accordance with the rules/ procedures followed by Institute.

- At the end of the course Institute shall allow TCS to make pre-placement offers to the students who are part of the course based on the selection criteria defined by TCS.

*[Handwritten signature]*  
*[Handwritten signature]*



### III OTHER TERMS & CONDITIONS

- Upon mutual agreement, TCS and Institute may at any time enter into a specific definitive agreement(s) (hereinafter referred as "Definitive Agreement(s)") setting out therein the mutually agreed detailed terms and conditions applicable to the various courses to be provided by TCS under such Definitive Agreement(s).
- For the TCS Designed Course(s) which are agreed to be implemented, TCS will provide one master copy of course material to the Institute, which will be received by the faculty duly designated by Institute in writing to TCS. The said course material may be reproduced in hard copy form only, solely for the purpose of being issued by the duly designated faculty to the students who enroll for the TCS Designed Course(s) / Curriculum for the duration of the course. Except as permitted herein, the course material provided by TCS shall not be reproduced, copied, translated, adapted, broadcasted, hosted or transmitted (including electronically) in any form. The supporting material, if any, for faculty members will be separately provided to the faculty members and shall be used by the faculty members only for the purposes of the instruction of the TCS Designed Course(s) at the Institute. Institute shall ensure that the original master copy of course material and supporting material for faculty members provided by TCS and copies of the same including portions thereof (i) is treated strictly as confidential documents; (ii) shall only be in the possession of the designated faculty of Institute; and (iii) shall not be displayed or circulated in libraries or forums where any person not enrolled under the TCS Designed Course(s) / Curriculum may access the same.
- For the entire process involved for offering the TCS Designed Course(s) / Curriculum, Institute will seek prior written permission from TCS before publishing any related information regarding this TCS Designed Course(s) / Curriculum offering initiative in collaboration with TCS, in the press, media, social network, blogs, internet and in any other allied public channels.
- Unless otherwise agreed by the Parties separately in writing, each Party will be responsible for its own individual costs in conducting its duties and obligations under this MOU.

### IV) INTELLECTUAL PROPERTY RIGHTS

- Institute agrees and acknowledges that any and all intellectual property rights in or to course contents and curriculum of the TCS Designed Course(s) and TTT Program and any and all modifications, enhancements, alterations, additions, adaptations, translations to the same, or derivative works thereof, or feedback received with respect to them, shall be done only by or with prior written permission of TCS and vest with TCS and/or its licensors. For the term of this MOU, TCS grants to the Institute a non-exclusive, non-transferable, non sub-licensable, limited right and license to use and reproduce the course material in hard copy form only for the



purposes of, and as permitted under, this MOU. All rights not expressly granted herein shall remain with TCS.

- Institute agrees to retain all of TCS' and/or its licensors' logo, trademark, copyright notices and other proprietary markings or notice on the course material. Institute shall not permit any persons to remove, alter, obscure or otherwise render illegible any of TCS' logo, trademark, copyright notice or other proprietary or confidentiality markings that may be placed on the course material or part thereof provided to Institute hereunder without prior written approval of TCS. Institute shall include on all copies of all or part of the course material a reproduction of TCS' and/or its licensors' logo, trademark, copyright notices and other proprietary markings or notices as included in the course material provided by TCS.
- TCS shall also continue to own all and any intellectual property developed prior to, or independently of this MOU.
- By entering into this MOU, Institute covenants and undertakes:
  - (a) To respect TCS' intellectual property;
  - (b) Not to use TCS' intellectual property without the prior express written consent of TCS;
  - (c) Ensure the confidentiality of such intellectual property of TCS within enrolled students and nominated faculty;
  - (d) Not to use or permit use TCS' intellectual property other than for the purpose and duration of this MOU.
  - (e) Promptly report any misuse of the TCS' intellectual property which comes to its notice and assist and support TCS in remedying and/or protecting any misuse/infringement of TCS' intellectual property subject of this MOU.
- Institute agrees that it shall not gain by virtue of this MOU any rights of ownership or any other interest, right, or title in or to any copyrights, patents, trade secrets, trade marks, or any other intellectual property or proprietary rights owned by TCS. Except as otherwise explicitly agreed between the Parties, any and all works developed in the course of performing obligations pursuant to this MOU, including all intellectual property rights in or related thereto, and all new inventions, innovations, works or ideas developed by TCS in the course of performance of its activities under this MOU will belong to TCS.
- If the Parties undertake any joint development in the course of providing services under this MOU, any such joint development will be governed by a separate agreement to be negotiated in good faith by the Parties prior to the commencement of any joint development efforts.
- Neither Party shall use any name, trademark, service mark or symbol of the other Party in any publicity release or advertising material or for any other purpose whatsoever without securing the prior written consent of that other Party. The Parties may, however, mention the non-stylized name of the other Party and areas of collaboration in their official websites, presentations



and analyst reports and include the existence of this Memorandum in its regular list of academic/industry collaborations. Institute agrees that any and all use of TCS name and trademarks shall be in accordance with the provisions of Annexure D

## V) CONFIDENTIALITY

- During the term of this MOU, TCS may disclose to Institute its Confidential Information. Confidential Information shall mean all information marked "Confidential" or under any similar legend indicating the confidentiality of the information or information which by its nature is confidential or acknowledged and agreed herein as confidential, except such information as is (a) previously known to Institute at the time of disclosure and not subject to confidentiality under any other agreement between the Parties, or (b) independently developed by Institute and not derived from the Confidential Information supplied by TCS or the participation of individuals who have had access to Confidential Information of TCS, (c) disclosed to Institute by a third party who lawfully acquired such information without restriction, and is not subject to confidentiality obligations, or (d) in or subsequently comes into the public domain (other than as a result of a breach of this MOU), or (e) required to be disclosed by Institute by law, regulation, court order or other legal process. Institute acknowledges and agrees that course contents and curriculum of the TCS Designed Course(s) and TTT Program is Confidential Information of TCS irrespective of whether it is labelled as confidential or not.
- Institute shall hold such Confidential Information in strict confidence for TCS and shall not use it for any purpose except in furtherance of the relationship set forth in this MOU, or except as it may be authorized by TCS in writing. Institute shall further be responsible for the compliance of the foregoing by its students, employees, faculty or agents who have access to Confidential Information in relation to the purpose of this MOU.
- Institute acknowledges and agrees that a breach of any of its obligations contained herein will result in irreparable injury to TCS for which there will be no adequate remedy at law, and TCS shall be entitled to apply for equitable relief, including injunction and specific performance, in the event of any breach or threatened breach or intended breach of its obligations herein by the Institute. Such remedies, however, shall not be deemed to be the exclusive remedies for any breach of the obligations but shall be in addition to all other remedies available at law or in equity.
- All Confidential Information is provided as is, without any warranties, express, implied or otherwise, regarding its accuracy, completeness or performance.

## VI) TERMINATION

- Either Party may terminate this MOU by giving ninety (90) days advance written notice to the other Party. On termination, each Party shall return to



the other party all such confidential and proprietary information, documents and reference material and any copies thereof of the other Party in its possession. If the MOU expires or notice of termination is issued during the Academic Year when the TCS Designed Course(s) / Curriculum is/are in progress, the termination shall take effect post completion of the batch(es) that has/have already opted for the TCS Designed Course(s) / Curriculum. New students/batches will not be offered the TCS Designed Course(s) / Curriculum once the termination notice has been issued. Any admissions to batch joining in the AY 2024 onwards shall be with the prior written consent of TCS as mentioned in Section I above. The right of each Party to terminate this MOU with immediate effect for material breach of the terms of this MOU (that remains uncured after thirty (30) days of written notice thereof or that are not susceptible to cure) remains unaffected. This Agreement shall automatically terminate if the Curriculum is not approved by AICTE or other approving authorities and / or admissions are not made in batches joining in the AY 2022 and AY 2023.

- All such obligations and terms of this MOU that are required to survive the expiration or termination of this MOU, including but not limited to, intellectual property rights, confidentiality, limitation of liability, governing law/arbitration, notice shall survive such termination.
- This MOU can be extended or terminated by mutual consent of the Parties in writing. Notice period not to renew.

## VII) PERIODIC REVIEW

- The Parties agree that the persons nominated herein below as the point of contact for each Party (or their respective nominees) shall meet at a frequency mutually decided by TCS and Institute, either personally or through a teleconference to review the progress and plan the future course of action, to accomplish the objectives of this MOU as per the mutually agreed time schedule.

Point of contact of Institute: Chaitanya B Pednekar  
Assistant Professor, Dept of CSE,  
Kolhapur Institute of Technology's College  
of Engineering (Autonomous), Kolhapur-  
R.S.No.199B/1-3, Gokul Shirgaon,  
Kolhapur- 416234  
Mailto: [pednekar.chaitanya@kitcook.in](mailto:pednekar.chaitanya@kitcook.in)

Point of contact of TCS: Magesh BJ  
Academic Relationship Manager  
Tata Consultancy Services Ltd.  
First Floor, Building 4, Electronic City Phase II,  
Bangalore – 560 100  
Mailto: [magesh.bj1@tcs.com](mailto:magesh.bj1@tcs.com)



## VIII. RELATIONSHIP OF THE PARTIES

For the purposes of this MOU, both the Parties are independent contractors. Neither this MOU, nor any activities described herein, shall be construed as creating a partnership, joint venture, franchise, agency or other such relationship. Neither party is authorized, in any manner, to make any commitment on behalf of or to bind the other Party.

Institute will be completely responsible for ensuring compliance towards all statutory provisions applicable to and governing the employment of its employees and representatives, deployed and would ensure compliance to provisions of statutes, as amended and applicable from time to time for such employees and representatives. Under no circumstances shall employees, agents and representatives of Institute, represent as or be construed as employees/agents of TCS.

## IX. LIMITATION OF LIABILITY

Institute agrees that any information or material provided / disclosed by TCS is on "as is" basis without any warranty or representation of any nature whatsoever, as to any matter, including but not limited to, warranty of fitness for a particular purpose or merchantability. TCS shall not be liable for any direct, indirect, incidental, special or consequential damages, or damages for loss of profits, revenue, data or use, incurred by Institute or any third party arising out of or in connection with this MOU or the subject matter of this MOU, whether in an action in contract or tort or any other legal theory.

## X. GOVERNING LAW/ARBITRATION/VENUE

The laws of India shall govern this MOU. Any disputes between the parties shall be resolved by mutual discussions. Disputes, if any, remaining unresolved for a period of sixty (60) days after reference to the other Party in writing, shall be subject to resolution by arbitration in accordance with the Arbitration and Conciliation Act, 1996 and shall be conducted in accordance with the rules of arbitration of the Indian Council of Arbitration, New Delhi ("ICA" which rules, as modified from time to time, are deemed to be incorporated by reference into this clause (the "Arbitration Rules") by an arbitration panel comprising of a sole arbitrator. The language of the arbitration shall be English and the decision of the arbitrator shall be final and binding on the Parties. The venue of Arbitration shall be Delhi. Both Parties irrevocably submit to the exclusive jurisdiction of the Courts in Delhi, for any action or proceeding regarding this MOU. Nothing herein shall prohibit either Party from seeking a temporary restraining order, preliminary injunction or other provisional relief if, in its judgment, such action is necessary to avoid irreparable damage, to preserve the status quo or to prevent the dissemination of Confidential Information or protection of its intellectual property or from bringing and pursuing legal action to specifically enforce the provisions of this Section X.



## XI) NOTICES

- All notices, requests, demands and other communications under this MOU or in connection herewith shall be in writing given to or made upon the respective Parties as follows and will be effective:
- upon actual delivery if presented personally or sent by express overnight courier (with a signature acknowledging receipt), or
  - seven days following deposit in the mail if sent by certified or registered mail, postage prepaid, return receipt requested.

To TCS  
Attention:

Chandra Koduru,  
Head - Academic Interface Programme,  
Tata Consultancy Services Ltd,  
Mailto: [chandra.koduru@tcs.com](mailto:chandra.koduru@tcs.com)

To Institute:  
Attention:

Dr. Mohan B. Vanarotti  
Director- Kolhapur Institute of Technology's  
College of Engineering (Autonomous), Kolhapur,  
R.S.No.199B/1-3, Gokul Shirgaon, Kolhapur-  
416234  
Mailto: [vanarotti.mohan@kitcoek.in](mailto:vanarotti.mohan@kitcoek.in)

Or to such other person or addresses as any of the parties shall have notified to the other party. All notices, requests, demands and other communications given or made in accordance with the provisions of this MOU shall be in writing by registered letter, fax or telegram.

## XII) NON SOLICITATION

- During the term of this MOU and for a period of twelve (12) months thereafter, Institute agrees not to hire, recruit, solicit or otherwise employ any employee or representative of TCS involved in the performance of its obligations pursuant to this MOU.

## XIII) FORCE MAJEURE

- Neither Party shall be liable for any failure or delay in the performance of its obligations under this MOU to the extent such failure or delay or both is caused, directly or indirectly, without fault by such Party, by any reason beyond its reasonable control, including but not limited to, by fire, flood, explosion, earthquake, elements of nature, drought or bad weather, lightning or acts of God, acts of state, strikes, acts of war (whether declared or not), hostilities, terrorism, riots, civil disorders or commotion, lockouts, industrial disputes, rebellions or revolutions, blockages, quarantines, embargoes and other similar governmental action (each a "Force Majeure Event"). Any Party so delayed in its performance will immediately notify the other by telephone or by the most timely means otherwise available (to be



Event). Any Party so delayed in its performance will immediately notify the other by telephone or by the most timely means otherwise available (to be confirmed in writing within ten (10) Business Days of the inception of such delay) and describe in reasonable detail the circumstances causing such delay with relevant documentary supporting. However, the Party claiming such event shall take all necessary steps to mitigate the delay so caused in spite of such Force Majeure Event.

#### XIV) AUTHORITY

- Each signatory to this MOU represents and warrants that he/she is duly authorized by the Party for and on whose behalf he/she is signing this MOU to execute the same in a manner binding upon said Party and that all approvals, permissions and procedures necessary for vesting such authority in him/her have been duly complied with.

#### XV) NO WAIVER

- Either Party's failure to exercise any right under this MOU shall not constitute a waiver of any other terms or conditions of this MOU with respect to any other or subsequent breach, or a waiver by such Party of its right at any time thereafter to require exact and strict compliance with the terms of this MOU. In order to be effective, all waivers under this MOU must be in writing and signed by the waiving Party.

#### XVI) TATA CODE

- The business activities of TCS are self regulated by the "Tata Code of Conduct". Institute undertakes that it will ensure compliance with the Code in the performance of this MOU and promptly report any violation or potential violation of the Code by any person to the Local Ethics Counselor or the Principal Ethics Counselor or the CEO of TCS. A copy of the Tata Code of Conduct is available at: <https://www.tcs.com/tata-code-of-conduct>.

#### XVII) SURVIVAL

- The clauses of this MOU, including without limitation, confidentiality and intellectual property right obligations, limitation of liability, governing law/arbitration, notice which by their very nature ought to survive termination or expiration of this Agreement, shall so survive.

#### XVIII) SEVERALTY

- If any clause or term of this MOU be declared null and void and or unconstitutional or unenforceable, such clause or term shall be modified to the extent necessary to make it valid and enforceable whilst preserving the intent of the Parties and the remaining terms and the MOU shall continue to operate and be binding on the Parties.



## XIX] ENTIRE AGREEMENT

- This MOU, along with the schedules, annexures and exhibits, if any, attached hereto, sets forth the entire agreement between the Parties and supersedes any other prior or contemporaneous proposals, agreements and representations between them related to its subject matter, whether written or oral, between the Parties and all amendments and extensions thereof, which shall be deemed to be superseded by this Agreement. No modifications or amendments to this MOU shall be binding upon the Parties unless made in writing and duly executed by authorized officials of both Parties.

IN WITNESS WHEREOF, each of the parties hereto have caused this MOU to be duly executed by a duly authorized representative of such party as of the date first above written.

**TATA CONSULTANCY SERVICES LTD.**

Kolhapur Institute of Technology's  
College of Engineering  
(Autonomous), Kolhapur  
(Institute)

(TCS)

Signature: 

Signature: 

Name: Mr. Chandra Koduru

Name: Dr. Mohan B. Vanarotti

Title: Head Academic Interface Programme

Title: Director

Date: 05/08/2022

Date: \_\_\_\_\_



## ANNEXURE - A

### OPTION 2:

#### TCS Designed Course(s)-Offered as bachelor's degree level full Curriculum Specialization

Offering - (iii) 4-year undergraduate engineering program in BE / BTech in Computer Science and Business Systems

- TCS will work on designing full curriculum BE/BTech with specialization in Computer Science and Business Systems.

The objective is to provide the students with exposure to latest trends and techniques that are found in the world of practice and their applicability and relationship to theoretical knowledge in the field. TCS will work in collaboration with the Institute for designing the curriculum for the same spread over 4 years of the graduation course. The Curriculum will include examination/assessment at the end of each semester / year for all courses including the TCS Designed Course(s).

- Curriculum will have 5 elective courses (to be chosen from 18 elective options) spread from Semester 5 to Semester 8.

- The final choice of Curriculum to be offered by the Institute to its students will be jointly agreed between TCS and the Institute.

- Table 1 outlines the courses including TCS Designed Course(s) which will be taught in Year 1 Semester 1 and Year 1 Semester 2 and has been agreed to by both TCS and Institute.

- The course curriculum for Year 2, 3 & Year 4 will be subsequently decided and finalized mutually between TCS and Institute and identify any TCS Designed Course(s) included therein, as an addendum to this MOU.

- TCS shall provide personnel/specialists support in order to design the course(s), develop the course(s) and assist the Institute's faculty and/or delivering certain courses during Year 1 in the Curriculum as identified below for TCS Designed Course(s).

- TCS role in designing of the course(s), developing the course(s) and assisting the Institute's faculty and/or delivering the courses for Year 2 to Year 4 will be mutually decided in writing as an addendum to this MOU later between TCS and Institute.



Table 1. Course Curriculum – Year 1

ID	TCS Designed Courses for Semester I
1.1	Discrete Mathematics
1.2	Introductory Topics in Statistics, Probability and Calculus
1.3	Fundamentals of Computer Science+ Lab
1.4	Principles of Electrical Engineering + Lab
1.5	Fundamentals of Physics+ Lab
1.6	Business Communication & Value Science – I
ID	TCS Designed Courses for Semester II
1.7	Linear Algebra
1.8	Statistical Methods + Lab
1.9	Data Structures & Algorithms + Lab
1.10	Principles of Electronics + Lab
1.11	Fundamentals of Economics
1.12	Business Communication & Value Science – II
1.13	Environmental Sciences (Non-Credit / Optional)



## ANNEXURE - B (FOR STUDENTS)

### INDIVIDUAL CONFIDENTIALITY UNDERTAKING

The following special terms are agreed between the undersigned \_\_\_\_\_ Year BE/BTech in Computer Science and Business Systems ("I"/"Student") of Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur and Tata Consultancy Services Limited, having its corporate office at TCS house, Ravelline Street, 21 D.S. Marg, Fort, Mumbai - 400001, India ("TCS")

WHEREAS in connection with the terms of the Memorandum of Understanding dated \_\_\_\_\_, executed by and between TCS and Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur (the "MOU"), TCS has agreed to design and develop courses in areas focused around Computer Science and Business Systems which is a focused line of business offering within Business Process Outsourcing entity at TCS.

WHEREAS TCS has invested considerable time, expenses and efforts in the designing, developing and structuring of the course and study material that is provided to the student (hereinafter referred to as "Course Material").

AND WHEREAS it being an intellectual property of TCS, the Student hereby agrees to comply with the following obligations with respect to such Course Material:

- I acknowledge that TCS is the owner of any and all the intellectual property and proprietary rights in the Course Material and accept that I have not acquired and shall not acquire (including by virtue of my receipt of Course Material) any such intellectual property or proprietary rights.
- I shall not commit any violation, infringement or misappropriation of such intellectual property and proprietary rights nor commit any other act or omission which has an adverse effect on the value, validity, enforceability or any other aspect thereof in regard to the Course Material.
- I hereby agree and undertake to hold and keep in strict confidence the Course Material in my possession, custody or control and neither copy, distribute or disclose Course Material nor allow any third party to do so, and not use or allow it to be used for any purpose or in any manner other than for self study/training.
- I also hereby undertake to ensure that after completion of the course or upon prior request by TCS, I shall promptly destroy the Course Material by means of shredding.

I agree that the limitations set forth herein are reasonable and properly required for the adequate protection of the Course Material of TCS. I note that TCS is relying on my undertaking in this statement in agreeing to permit me access to the Course Material and that I may be held personally liable for breach of the undertakings in this statement. This Undertaking shall be governed by the laws of India. In the event any dispute arises in connection with this Undertaking, the courts in Mumbai shall have a non-exclusive jurisdiction, however, that, upon my breach of this Undertaking, TCS reserves the right to seek any available form of legal or equitable relief, including, but without limitation, injunctive relief as a remedy for such breach from any court of competent jurisdiction.



by signing below, I acknowledge that I have read, understood and hereby voluntarily agree to the above terms and conditions.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Name of Student: \_\_\_\_\_

College ID Number: \_\_\_\_\_

Residential Address: \_\_\_\_\_  
\_\_\_\_\_



**ANNEXURE - C (FOR FACULTY)**

**INDIVIDUAL NON-DISCLOSURE AGREEMENT**

This Agreement is entered into as of the day of signing, by and between Tata Consultancy Services Ltd., a company incorporated under the Companies Act 1956 and having its Corporate Office at TCS House, Havelock Street, Fort, Mumbai 400001, India ("TCS"), and Chaitanya Bapusaheb Pednekar/d/o Bapusaheb Pednekar, a Faculty in the Department of Computer Science & Engineering of Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur

TCS and Faculty are both hereinafter referred to as "Party" individually or "Parties" collectively as the context may require;

WHEREAS Faculty is aware that in connection with the terms of the Memorandum of Understanding dated 5<sup>th</sup> August 2022 executed by and between TCS and Institute (the "MOU"), TCS has agreed to design and develop course contents and curriculum for one or more courses ("TCS Designed Courses") that can be offered by the Institute to its students.

WHEREAS, TCS will conduct a Train the Trainer Program ("Training") where personnel/specialists from TCS will transition the skill, knowledge and approach to the nominated faculty/Faculty to teach the TCS Designed Course(s) viz. Computer Science and Business Systems (the "Course")

WHEREAS, the Faculty will utilize the material, skill and knowledge learnt during the Training hereto for imparting education thereof only to the students enrolled in Course and at the Institute ("PURPOSE").

WHEREAS, Faculty acknowledges that TCS has invested considerable time, expenses and efforts in the designing, developing and structuring of the Course and study material that are provided to the Faculty.

WHEREAS, in the course of Training/such activities it is also anticipated that TCS will disclose to the Faculty all Course material (in form of soft copies and/or hard copies) for the Purpose as set forth above;

NOW THEREFORE, the Parties hereto have entered into the following agreement ("Agreement"):

1. For the purpose of this Agreement "Confidential Information" shall mean any and all information and data, including but not limited to any kind of any Course Material, Training material, methods, product, service, process, invention, improvement or development carried on or used by TCS, discoveries, ideas, concepts, know-how (whether patentable or copyrightable or not), research, development, designs, specifications, drawings, blueprints, tracings, diagrams, models, samples, flow charts, computer programs, algorithms, marketing plans



or techniques, budgets, costs, profits, prices, discounts, mark-ups, business strategies, marketing, tenders and any price sensitive information concerning TCS, whether or not labeled as "Confidential Information" and disclosed by TCS in connection with the Purpose, irrespective of the medium in which such information or data is embedded. Confidential Information shall include any copies, abstracts, reports, work products or any derivatives made or derived from CONFIDENTIAL INFORMATION by the Faculty as well as any modules, samples, prototypes or parts thereof.

2. All Confidential Information disclosed pursuant to this Agreement

- a. shall be used exclusively for the Purpose of this Agreement, and the Faculty shall be permitted to use Confidential Information disclosed to it pursuant to this Agreement only for such sole Purpose and for no other purpose, unless otherwise expressly agreed to in writing by TCS;
- b. shall not be distributed, disclosed, or disseminated in any way or form by the Faculty to anyone. All CONFIDENTIAL INFORMATION shall be utilized by the Faculty only for the purpose of gaining knowledge and in furtherance of imparting education to the students of the Institute;
- c. shall be treated by the Faculty with reasonable care that a prudent person would exercise to avoid disclosure of CONFIDENTIAL INFORMATION to any third party;
- d. shall remain the property of TCS;
- e. shall not be disclosed to any other third party by the Faculty without the prior written approval from TCS, the Faculty shall not copy, recreate, replicate, translate or otherwise reproduce any Confidential Information in any manner whatsoever or create derivative works therefrom, except for the PURPOSE specified in this Agreement;

3. The obligations as per paragraph 2 shall not apply, however, to any Confidential Information which:

- a. the Faculty can demonstrate, is already in the public domain or becomes available to the public through no breach by the Faculty of this Agreement;
- b. was lawfully in the Faculty's possession prior to receipt from TCS as proven by its written records without the breach of any confidentiality obligations by any third party;
- c. is independently developed by the Faculty without reference to or use of any CONFIDENTIAL INFORMATION;
- d. is required to be disclosed by law or the rules of any governmental organization, provided the Faculty has issued a written notice to TCS immediately upon learning the requirement for disclosure and afforded TCS



a reasonable opportunity to contest, limit and/or assist the Faculty in limiting such disclosure.

4. The Faculty shall have the right to refuse to accept any Confidential Information under this Agreement prior to receipt of such Confidential Information and once the Confidential Information is received by the Faculty, the Faculty shall be deemed to have unconditionally accepted such Confidential Information in terms of this Agreement. Nothing herein obligates TCS to disclose any Confidential Information to the Faculty.
5. The Faculty shall indemnify and hold harmless TCS and their directors, officers, employees, agents and representatives from and against all or any claims, damages, losses, liabilities or expenses (including, but not limited to, reasonable attorneys' fee and disbursements), arising out of a breach of this Agreement by the Faculty or its representatives or agents.
6. The Faculty agrees that monetary damages would not be a sufficient remedy for any breach of this Agreement, and that in addition to the remedies provided in Article 5 of this Agreement and any other remedies available to TCS, TCS shall be entitled to specific performance and injunctive or other equitable relief as a remedy for any such breach.
7. The Faculty confirms that TCS is disclosing the Confidential Information on "as is" basis without any warranty or representation of any nature whatsoever. TCS shall therefore not be liable to the Faculty for any direct, indirect, special, consequential, incidental, or punitive damages or loss, regardless of the form of action or theory of liability (including, without limitation, actions in contract, warranty, negligence, or products liability) resulting from any defect in or use of any CONFIDENTIAL INFORMATION by the Faculty, even if either PARTY had been advised of the possibility of such damages or losses.
8. It is understood that no license or right of use or any other right in respect of the Confidential Information is granted or conveyed by this Agreement unless expressly provided herein. The disclosure of Confidential Information and materials shall not result in any obligation to grant the Faculty any such rights therein.
9. The Faculty agrees that it shall treat Confidential Information disclosed under this Agreement as strictly confidential in perpetuity.
10. All Confidential Information disclosed pursuant to this Agreement shall either be returned to TCS or be destroyed by the Faculty at the option of and sole discretion of TCS. In case of destruction, the Faculty shall confirm in writing such destruction to TCS.
11. All disputes arising out of or in connection with the present Agreement, including any question regarding its existence or validity, shall be finally settled by arbitration in accordance with the provisions of the Arbitration and Conciliation Act, 1996 and under the Rules made thereunder (or any statutory modification / re-enactment thereof) by one or more arbitrators appointed in accordance with



the said Rules. The seat of arbitration shall be Mumbai. The language to be used in the arbitration proceeding shall be English. The award passed pursuant to such arbitration proceedings shall be final and binding. Notwithstanding this provision, in the event of a breach or threatened breach of this Agreement by or anyone acting on behalf of the Faculty, TCS shall be entitled to seek any equitable relief, specific performance or any such applicable relief from any court of competent jurisdiction.

12. This Parties agree that Agreement shall be subject to the substantive law in force in India with the courts at Mumbai having the exclusive jurisdiction.
13. All notices, requests, demands and other communications under this agreement or in connection herewith shall be given to or made upon the respective parties as follows:

To TCS                      Tata Consultancy Services Ltd  
TCS House, Raveline Street,  
Fort, Mumbai 400 001, India.

Attn: General Counsel, TCS

To  
Chaitanya Bapusaheb Padnekar  
Assistant Professor, Dept. of CSE,  
Kolhapur Institute of Technology's College of Engineering (Autonomous),  
Kolhapur  
R.S.No. 199B/1-3, Gokul Shirgaon, Kolhapur-416234

or to such other person or addresses as any of the Parties shall have notified to the others in writing.

All notices, requests, demands and other communications given or made in accordance with the provisions of this Agreement shall be in writing by letter, fax or telegram.

14. If any term, clause or provision of this Agreement shall be judged to be invalid for any reason whatsoever, such invalidity shall not affect the validity or operation of any other term, clause or provision of this Agreement and such invalid term, clause or provision shall be deemed to have been deleted from this Agreement.
15. The provisions of this Agreement may not be modified, amended, nor waived, except by a written instrument duly executed by the Parties hereto. The requirement of written form can only be waived in writing.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives on the dates specified below.

TCS Representative  



Location:

Date:

on behalf of

TATA CONSULTANCY SERVICES LTD

Location:

Date:

on behalf of

Kolhapur Institute of Technology's College  
of Engineering (Autonomous), Kolhapur

Sign in the box



Sign in the box



Mr. Chandra Koduru

Head, Academic Interface Programme

Dr. Vilas V. Karpinti

Executive Director



## ANNEXURE - D

### TERMS AND CONDITIONS FOR USAGE OF TCS MARKS

Any use of TCS or its affiliates' name, trade name, trademarks or service marks (collectively "TCS Marks") as referred to in Section IV of the MOU shall be subject to the following terms and conditions:

1. Institute acknowledges and agrees that any use of TCS Marks shall be with the prior written approval of the first proposed usage from TCS. Any different usage also shall require prior written consent TCS. Institute shall submit samples for approval at email: [magesh.bj1@tcs.com](mailto:magesh.bj1@tcs.com). Any change in the contact for submitting samples for approval shall be intimated to Institute from time to time. All use of TCS Marks permitted by this Section shall be in accordance with TCS usage guidelines and/or instructions provided to Institute from time to time. Where such prior written approval is granted as aforesaid, TCS will grant Institute a non-transferable, non-sublicensable, royalty-free, revocable and nonexclusive permission to place or affix permitted TCS Marks belonging to TCS, on or in relation to the approved usage.
2. TCS reserves the right to withdraw such permission and consent at any time with reasonable notice entirely or in relation to particular TCS Marks or particular use, and immediately if TCS become aware of any claim by a third party that Institute use of TCS Marks infringes upon the rights of that third party. Institute acknowledges and agrees that all rights, title and interest in and to TCS Marks shall be and remain sole and exclusive property of TCS and/or its affiliates. Institute will be responsible for ensuring that the use of TCS Marks is accurate, and not misleading, defamatory, libelous, obscene, infringing or otherwise objectionable and is in compliance with the applicable laws and remains distinct and separate from text, brand marks or any other graphic elements.
3. Institute represents and warrants that they will not at any time:
  - (i) claim any right, title or interest in any of the TCS Marks;
  - (ii) register, seek to register or cause to be registered any of the TCS Marks;
  - (iii) adopt and use any trademark, trade name, business name, fictitious name, internet domain name, logo or designation that might be identical or confusingly similar to TCS Marks or TCS Marks as portion thereof;
  - (iv) attach any other trademark, trade name, logo or designation to TCS Marks or use in combination with any other design, word or words, unless such use is authorized in writing by TCS;
  - (v) use any of the TCS Marks in connection with products / services / context not contemplated herein;
  - (vi) use TCS Marks in any manner that suggests that TCS has endorsed, sponsored or certified the product, components, program or services of the other Party; or
  - (vii) use any of the TCS Marks in a manner that infringes, derogates, dilutes, or impairs rights TCS has in such Marks.



4. Institute will be fully responsible to TCS for any damages or harm caused to TCS by a breach of these terms and conditions by Institute or any of its agents, consultants or affiliates. Institute acknowledge and agree that a breach of any of its representations, warranties or agreements contained herein will result in irreparable injury to TCS and/or its affiliates for which there will be no adequate remedy at law, and TCS and/or its affiliates shall be entitled to apply for equitable relief, including injunction and specific performance, in the event of any breach or threatened breach or intended breach of these terms and conditions by Institute. Such remedies, however, shall not be deemed to be the exclusive remedies for any breach of these terms but shall be in addition to all other remedies available at law or in equity.
5. All use of TCS Marks by the Institute as permitted under these terms and conditions and goodwill therein shall inure to benefit of TCS and its affiliates. Any breach of the license/permission granted herein and/or breach of the representations and warranties will cause irreparable loss to TCS and/or its affiliates for which there may be no remedies at law.
6. Permission for Institute to use the TCS Marks under these terms and conditions is only as stated above and it is expressly understood that nothing herein shall grant to Institute any right, title, or interest in the TCS Marks or name (either alone or in association with other words or names), or any part thereof, or in any other marks adopted by TCS, or in any trademark, copyright or good will of TCS and/or its affiliates. Institute agrees upon termination or expiration of this MOU to discontinue use of TCS Marks where such use is based on any rights obtained under these terms and conditions. Any continued, further or other use of TCS Marks shall be subject to execution of separate agreement between the Parties.
7. All materials provided and/or approved by TCS under these terms and conditions (including without limitation the marks and all graphic materials and content relating to the marks) are provided "as is" and without warranty of any kind, express or implied, and TCS and/or its affiliates/licensors hereby disclaim any and all warranties, express and implied, including but not limited to any warranties of reliability, availability, title, merchantability, non-infringement, quiet enjoyment or fitness for a particular purpose.
8. In no event shall TCS and/or its licensors or affiliates be liable for any direct, indirect, punitive, incidental, special, consequential damages or any damages whatsoever, including without limitation, arising out of or in any way related to the use of or inability to use, or failure to meet any duty including of good faith or of reasonable care, damages for loss of profits, revenue or business interruption, or otherwise under or in connection with any provisions of these terms and conditions regarding use of the TCS Marks, even in the event of the fault, tort (including negligence), strict liability or breach of contract, and even if TCS or any of its licensors/affiliates has been advised of the possibility of such damages.

## MEMORANDUM OF UNDERSTANDING



KOLHAPUR INSTITUTE  
OF TECHNOLOGY'S  
**COLLEGE OF  
ENGINEERING**  
(AUTONOMOUS)  
KOLHAPUR





**MEMORANDUM OF UNDERSTANDING  
BETWEEN  
KOLHAPUR INSTITUTE OF TECHNOLOGY'S COLLEGE OF ENGINEERING  
(AUTONOMOUS), KOLHAPUR, INDIA  
AND  
MAE FAH LUANG UNIVERSITY, CHIANG RAI,  
THE KINGDOM OF THAILAND**

**Preamble:**

**About Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur**  
Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur, (KITCOEK) is a Premier Institute in engineering & Technology established in 1983 by a group of visionary industrialists, professionals and educationalists. The vast exposure and experience of its founders has helped Kolhapur Institute of Technology's College of Engineering Kolhapur to establish its identity as an Institute of repute in the field of Engineering and Management education.

The Institute has been awarded "A Grade Status with CGPA 3.12" by The National Assessment and Accreditation Council (NAAC), Bengaluru. Institute has successfully received accreditation for six departments by National Board of Accreditation (NBA), New Delhi, which is Govt. body for accreditation of programs in institutes. The Institute has also received Permanent Affiliation by Shivaji University Kolhapur and has received Autonomous status. KITCOEK is committed to students and stakeholders for best results and following it successfully produced more than 15000 engineers getting campus placements and becoming entrepreneurs becoming one of the most prominent and successful Institute for Engineering Education in western Maharashtra, India.

**About Mae Fah Luang University**

Mae Fah Luang University (MFU) was established as an autonomous public university, under the Royal Charter, in 1998, with generous support from the Royal Thai Government. The University was established to meet the needs of people in the north of the Kingdom of Thailand, and to commemorate the gracious contributions of the King's Grandmother, Her Royal Highness Princess Srinagarindra, lovingly known to her subjects as "Mae Fah Luang." From its inaugural class of 64 students in 1998, MFU has become the Kingdom of Thailand's fastest growing post-secondary institution with an enrollment of just under 15,000 students. After little over a decade of operation, MFU is already well known for its high-quality teaching, research, and service to the people of the north, as well as the Kingdom of Thailand.

Mae Fah Luang University's campus consists of a large complex of modern, state-of-the-art buildings, spanning more than 800 hectares. The campus is located in a spectacular setting of mountains and trees, an environment conducive to teaching and learning in a clean, inviting setting. As both a regional and national university, MFU provides high-quality education services and resources for the neighboring countries of the Greater Mekhong Sub-region (GMS), and reaches out to all of Southeast Asia.

#### Purpose

The purpose of this Memorandum of Understanding ("MOU") is to promote international collaboration in fields of shared interest and expertise between the Kolhapur Institute of Technology, Kolhapur, the Republic of India, and Mae Fah Luang University, Chiang Rai, the Kingdom of Thailand, hereinafter referred to individually as the "Party" and collectively as the "Parties".

#### Types of collaboration

Recognizing the importance of collaboration and the contributions to society made by institutions of higher education, the Parties hereby express their interest in promoting mutually beneficial academic and scientific exchange between the faculties, staff, and students of the Parties. Through this MOU, the Parties agree to endeavor to promote such activities including, but not limited to, the following:

- Participating in joint potential collaborative research,
- Opportunities for faculty and staff development and exchange,
- Opportunities for student development and exchange including internship, project,
- Joint academic publications and reports,
- Sharing of experiences in innovative teaching methods and course curriculum design,
- Conducting joint certificate courses,
- Organization of joint symposia, workshops, and conferences.

This MOU is a statement of intent and does not create any legally binding obligations between the Parties, nor does it place any financial obligations or supplementary funding commitments on either Party. Specific activities that the parties desire to undertake require separate written agreements that detail the terms, conditions, and commitment of resources (financial or otherwise) required of each Party in connection with the specific activity.



### Term

This MOU is effective from the date of the final signature below and shall remain valid for a period of five (5) years, with the understanding that it may be modified only by the written mutual consent of the Parties. Either Party may terminate this MOU with advance written notice to the other Party of at least thirty (30) days. In such a case, the programs or activities already approved by the Parties shall be allowed to be completed under the conditions of this MOU.

This MOU is hereby signed in two (2) copies in English with one (1) copy remaining in the possession of each Party.

KOLHAPUR INSTITUTE OF  
TECHNOLOGY'S COLLEGE OF  
ENGINEERING (AUTONOMOUS),  
KOLHAPUR

MAE FAH LUANG UNIVERSITY




MR. SUNIL KULKARNI  
CHAIRMAN

**Chairman**  
Kolhapur Institute of Technology, Kolhapur



ASSOC. PROF. CHAYAPORN WATTANASIRI,  
PH.D.  
PRESIDENT



MR. MANOJ A. MUJUMDAR  
DIRECTOR

**Director**  
Kolhapur Institute of Technology's  
College of Engineering (Autonomous)  
Kolhapur

Date: - 1 DEC 2022



ASST. PROF. DR. TEERAVISIT  
LAOHAPENSAENG  
SCHOOL OF INFORMATION TECHNOLOGY,  
DEAN

Date: - 1 DEC 2022





**Memorandum of Understanding  
Between**

**Precision Automation and Robotics India  
(PARI), Satara**

**&**

**Kolhapur Institute of Technology's  
College of Engineering (Autonomous),  
Kolhapur**



## PROPOSAL FOR ACADEMIC PARTNERSHIP

### **Preamble:**

Premier Institute in engineering & Technology established in 1983 by group of visionary industrialist, professionals and educationalists. The vast exposure and experience of its founders has helped Kolhapur Institute of Technology's College of Engineering Kolhapur to establish its identity as an Institute of repute in the field of Engineering and Management education. The first among the self-financed engineering college in Maharashtra.

The Institute has been awarded "A Grade Status with CGPA 3.12" by The National Assessment and Accreditation Council (NAAC), Bengaluru. Institute has successfully received accreditation for six departments (Civil Engineering, Computer Science & Engineering, Environmental Engineering, Electronics Engineering, Mechanical Engineering, and Production Engineering) by National Board of Accreditation (NBA), New Delhi, which is Govt. body for accreditation of programs in institutes. The Institute has also received Permanent Affiliation by Shivaji University Kolhapur and has received Autonomous status. We are committed to students and stakeholders for best results and following it successfully produced more than 15000 engineers getting campus placements and becoming entrepreneurs becoming one of the most prominent and successful Institute for Engineering Education in western Maharashtra.

We are offering undergraduate and Post graduate degree courses for Engineering and Management for following:

- Biotechnology Engineering
- Computer Science and Engineering
- Civil Engineering
- Civil & Environmental Engineering
- Electronics and Telecommunication Engineering
- Electrical Engineering
- Mechanical Engineering
- Master in Business Administration
- Master in Computer Administration

The students will be evaluated by a credit system providing them freedom to choose the courses of study during a semester, completing the program suited to the learning pace of the student. A wide range of elective courses will be offered to facilitate learning from area of own interest. A mentoring system will be guiding the students through the selection of courses.

The learning methodology involves information and computer technology (ICT), experiential learning, active and project based learning facilitating skill development and outcome based education in place of the conventional practices.

We at KIT are very well equipped with the faculty as well as laboratory resources supported by world class infrastructure to fulfill its objectives.

### Expected outcomes of the proposed Academic Partnership:

#### 1. For Students:

- Exposure to latest innovative industrial practices.
- Opportunity to work on live industry problems.
- Improved employability.
- Internships in reputed industries and better placement opportunities
- Opportunity to develop research potential

#### 2. For the College:

- Current and need based Curriculum owing to the freedom available
- Expertise from industry for design, delivery and evaluation of curriculum
- Exposure and skill enhancement of faculty
- Avenues for joint applied research activity
- Opportunity to develop centers of excellence

#### 3. For the Industry:

- Availability of customized trained manpower specific to industry
- Reduction in training time/activity for qualified candidates
- Participation of industry in design, delivery and evaluation of curriculum.
- Potential for applied research activity
- Industry employees can enroll for a specific PG program (M.Tech., MBA) designed for a specific industry for up-gradation of qualifications of the employee

### Mode of Operation:

#### I) Through involvement of industry in the program implementation:

The B. Tech programs will contain industry stream or industry specific elective courses in addition to the core courses. The M.Tech. Programs can be either general, industry stream based or industry specific. The industry stream based programs will be based on the needs of a type of industry, while the industry specific programs at B.Tech./M.Tech. Levels will be designed to cater to the needs of a specific industry, facilitating recruitment of engineers ready to deliver from day one.

#### B.Tech. Program:

Role of Industry	Role of College
Assistance in Curriculum Design	Curriculum Design and approval
Delivery of identified part of the curriculum on remunerative basis.	Planning and execution of curriculum delivery
Participation in evaluation process on remunerative basis to experts.	Conducting examinations and declaration of results



Role of Industry	Role of College
Facility for Industrial Training during vacations (five or more students)	Monitoring and evaluation
Facility for carrying out Project Work (one or more groups of students)	Providing guidance, monitoring and evaluation
Curriculum Design for Industry specific Elective Course	Delivery and evaluation

**M. Tech. Program (Industry Stream based):**

Role of Industry	Role of College
Assistance in Curriculum Design	Curriculum Design and approval
Delivery of identified part of the curriculum on remunerative basis.	Planning and execution of curriculum delivery
Participation in evaluation process by experts on remunerative basis.	Conducting examinations and declaration of results
Providing Internship for PG Dissertation work to candidates (two or more) with or without stipend	Monitoring the work progress and periodic evaluation
Joint research publications while maintaining confidentiality of data, if required	Authoring and processing of research publications
Permission to industry name for publicity of programs	--

**ii) Establishing Center of Excellence:**

- Establishing Center of Excellence in Identified Areas in association with industry
- Enrichment of existing laboratories and equipment
- Hands on experience on relevant technology
- Enhancement of employability of graduates through short duration / certificate training programs.
- PG dissertation work based on industry specific problems.
- Joint IPRs and Research Publications.

**Avenues for Partnership: (Individual activities selected for specific level of involvements)**

- Participation in Curriculum design
- Offering industry recommended electives
- Participation in Curriculum delivery
- Participation in evaluation process
- Through invited Expert Lectures
- Established of Laboratory in collaboration with industry
- Establishing Center of Excellence in Identified Areas
- Implementation of Industry stream programs
- Internship to students, project work
- Placement for disserving candidates

Customized activities mutually beneficial, not mentioned so far.

**Operationalization:**

Specific areas and levels of partnership may be identified through discussions and a draft agreement acceptable and feasible for both the KITCOEK and the industry can be prepared and signed upon agreement. The agreement will be open for periodic reviews and revisions every year, if necessary.

IN WITNESS WHEREOF, the parties hereto have executed this Understanding on the date, Month, Year and will be valid for a period of 3 years.

Date: 07<sup>th</sup> November, 2020



**Dr. Vilas V. Karjinni**  
Director  
Kolhapur Institute of Technology's,  
College of Engineering (Autonomous),  
Kolhapur



**Dr. Uday Bhosale**  
Head,  
Human capital & Employee Relations  
Precision Automation and Robotics  
India, Ltd. Satara



**AGREEMENT**

**BETWEEN**

**BHABHA ATOMIC RESEARCH CENTRE, MUMBAI  
MAHARASHTRA**

**AND**

**KOLHAPUR INSTITUTE OF TECHNOLOGY'S  
COLLEGE OF ENGINEERING  
KOLHAPUR, MAHARASHTRA**

**FOR**

**AKRUTI TECH PACK  
DEPLOYMENT IN RURAL SECTOR**

*(UNDER THE FRAMEWORK OF DAE-SOCIETAL INITIATIVE)*

**Year - 2022**



महाराष्ट्र MAHARASHTRA

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YB 513479



**AGREEMENT BETWEEN BHABHA ATOMIC RESEARCH CENTRE (BARC), MUMBAI AND KOLHAPUR INSTITUTE OF TECHNOLOGY'S COLLEGE OF ENGINEERING, KOLHAPUR, MAHARASHTRA FOR 'AKRUTI TECH PACK' FOR DEPLOYMENT IN RURAL SECTOR (UNDER THE FRAMEWORK OF DAE SOCIETAL INITIATIVE)**

An Agreement made between the President of India, acting through and represented by the Director, Knowledge Management Group, Bhabha Atomic Research Centre, Trombay, Mumbai - 400 085, Maharashtra, Department of Atomic Energy (DAE), Government of India (hereinafter called "BARC", which expression shall include its successors-in interest and assigns), of the first part

AND

KOLHAPUR INSTITUTE OF TECHNOLOGY'S COLLEGE OF ENGINEERING, located at Gokul Shirgane, Kolhapur - 416234, Maharashtra, India (hereinafter called

Page 2 of 12

X-  
Kolhapur IOT



Kolhapur IOT, which expression shall include its successors-in interest & assigns) of the other part.

#### **PREAMBLE**

Whereas BARC is a premier multidisciplinary R&D organization under the Department of Atomic Energy, Government of India, engaged in research with the objective of generating knowledge and technique for nuclear power generation, advancement of science, use of radioisotopes in industry, health and agriculture, research in frontier areas of science and technology. Under the framework of DAE societal initiative, based on the development of Non-Power Applications (NPAs) and Spin-off technologies (Spinoffs) in medical, food preservation, waste management, other industrial and rural applications at BARC, a structured programme has been evolved for Advance Knowledge and Rural Technology Implementation (AKRUTI) for techno-economic growth of rural areas, as one of the many schemes for Large-Scale Deployment of NPAs and Spinoffs. AKRUTI programme is operational in various places and surrounding villages in India. AKRUTI operated through NGOs have demonstrated the usefulness of BARC technologies and scope for techno-preneurship in rural sector. AKRUTI Technology Pack has been designed and offered at a very affordable price to encourage and promote techno-preneurship for deployment of technologies exclusively in rural sector.

Whereas Kolhapur IOT, is a premier Institute in engineering & Technology established in 1983 by group of visionary industrialists, professionals and educationalists. The first among the self-financed engineering college in Maharashtra. The Institute has been awarded "A Grade Status with CIPFA 5/12" by the National Assessment and Accreditation Council (NAAC), Bangalore. Institute has successfully received accreditation for six departments (Civil Engineering, Computer Science & Engineering, Environmental Engineering, Electronics Engineering, Mechanical Engineering and Production Engineering) by National Board of Accreditation (NBA), New Delhi, which is Govt. body for accreditation of programs in institutes. The Institute has also received permanent Affiliation by Shivaji University Kolhapur and has received Autonomous status.

Kolhapur IOT, expressed their desire to utilize AKRUTI Tech Pack based BARC technologies for rural sector. Kolhapur IOT who showed willingness to demonstrate, deploy and adopt these technologies contained in AKRUTI Tech Pack in village



requirements to create sustainable and income generating activities for villagers in villages. BARC and Kolhapur IOT, agree to take Advanced Knowledge and Rural Technology Implementation (AKRUTI) initiative in the rural sector by deployment of technologies through AKRUTI Tech Pack.

Kolhapur IOT, expressed their desire to utilize AKRUTI Tech Pack based BARC technologies for rural sector. Kolhapur IOT who showed willingness to demonstrate, deploy and adapt these technologies contained in AKRUTI Tech Pack to village requirements to create sustainable and income generating activities for villagers in villages. BARC and Kolhapur IOT, agree to take Advanced Knowledge and Rural Technology Implementation (AKRUTI) initiative in the rural sector by deployment of technologies through AKRUTI Tech Pack.

Whereas Kolhapur IOT, is desirous to utilize AKRUTI Tech Pack for deployment of technologies in Rural sector in India.

Whereas Kolhapur IOT, has requested BARC and BARC has agreed to provide AKRUTI Tech Pack for the use in Rural sector and grant of license to utilize AKRUTI Tech Pack for deployment exclusively in Rural sector of India.

Now, Therefore, it is hereby agreed by and between the parties that BARC shall permit Kolhapur IOT, to utilize the AKRUTI Tech Pack and grant Kolhapur IOT, a license to utilize the technologies contained in AKRUTI Tech Pack for the deployment exclusively in Rural sector of India on terms and conditions hereinafter contained.

1. This Agreement shall supersede all prior correspondence, documents or Agreements, either written or verbal between BARC and Kolhapur IOT, in respect of the Technologies listed in Annexure-A hereto.

## 2. SCOPE OF AGREEMENT

This Agreement covers the modalities, terms and conditions of deployment of technologies contained in AKRUTI Tech Pack.

## 3. GRANT OF LICENCE

By this Agreement BARC grants a non-exclusive revocable license to Kolhapur IOT, to utilize the BARC developed technologies contained in AKRUTI Tech Pack for 10 years from the date this Agreement becomes effective as per the terms and conditions stipulated in this Agreement. The license may be renewed for





further 10 years on resubmission of documents and satisfactory performance of the license.

#### **4. RESPONSIBILITIES OF BARC AND MODE OF DEPLOYMENT**

##### **4.1 AKRUTI Tech Pack Document (ATPD)**

BARC agrees to supply the technologies for rural deployment, in the form of documents, drawings, literature and advice as detailed in the AKRUTI Tech Pack Document (ATPD), which will be handed over to Kolhapur IOI, at the time of signing of this Agreement. The composition of the 'ATPD' is given in Annexure - A.

##### **4.2 Technical Guidance & Consultancy**

4.2.1 During the initial phase of technology deployment, from effective date of the agreement, BARC shall provide technical guidance and consultancy services at BARC by an expert personnel as mutually agreed upon in Kolhapur IOI, for number of days as mentioned against each technology in the Annexure - A. Kolhapur IOI, shall make necessary arrangements for residential accommodation, TA/DA etc. as per their commitment for the above deputed personnel during the consultancy. Further, all payments shall be made through a Demand Draft drawn in favour of "Accounts Officer, BARC" payable at Mumbai.

4.2.2 If Kolhapur IOI requires the consultancy of the BARC personnel beyond the stipulated period of agreed man days, the same may be given by BARC at the nearest AKRUTI node upon mutual agreeable commitment time during the BARC expert's visit to that AKRUTI.

##### **4.3 Training**

During the initial period of TWELVE months practical training by BARC through hands on experience at one of the existing AKRUTI nodes, shall be given to personnel deputed by Kolhapur IOI, as mutually agreed upon for number of days as deemed necessary by both parties. Kolhapur IOI shall make necessary arrangements for residential accommodation, TA/DA etc. for the above deputed personnel during the practical training.



#### 4.4 Demonstration

Technologies of AKRUTI Tech Pack shall be demonstrated preferably at one of the existing AKRUTI sites or at BARC.

#### 5. FINANCIAL ARRANGEMENT

5.1 Kothapur IOT is aware that Rs. 63,750/- (Sixty Three Thousand Seven Hundred & Fifty Rupees Only) are charges for receiving selected technical know-how through AKRUTI Tech Pack for exclusive deployment in rural sector as mentioned in the Appendix - A.

5.2 For creating the rural awareness of benefits of radiation processing of agri-produce, high-tech consultancy service for irradiation of agri-produce on trial basis once for sample quantity, sample of BARC new seeds, Preliminary expertise in Applications of Isotope techniques in Hydrological Investigations without any consultancy charges will be provided to Kothapur IOT, as mentioned in the Appendix - A.

5.3 Royalty: Nil

5.4 Discount: Nil

5.5 Kothapur IOT agrees to pay Rs. 63,750/- (Sixty Three Thousand Seven Hundred & Fifty Rupees Only) by Demand Draft in favour of "Accounts Officer, BARC" payable in Mumbai as charges for AKRUTI Tech Pack at the time of signing Agreement.

#### 6.0 RESPONSIBILITIES OF KPGMMV

6.1 Kothapur IOT, is responsible for execution and co-ordination of all AKRUTI activities at their end.

6.2 Kothapur IOT, undertakes to deploy the technologies under the technical guidance of BARC through local HR exclusively in the rural sector and spread further through the format of "AKRUTI-KRUTIK-FRANCH".

6.3 Kothapur IOT, shall establish the place of activity as per terms and conditions of AKRUTI Tech Pack.

6.4 Kothapur IOT, shall confirm within two (2) months of this agreement the address of the working place in the rural sector and inform BARC.





6.2 During the effective period of this Agreement, BARC reserves the right to inspect and test the technologies deployed by Kolhapur IOT, and also to inspect the working places as may be felt necessary by BARC.

#### 6.6 Markings

6.6.1 All rural sites where technologies of AKRUTI Tech Pack are deployed by Kolhapur IOT, and connected publicity folders, advertisement, printed matter and products shall bear the following markings and display with prominent letter: Technology by BARC: "DAI-Societal Initiative" - AKRUTI Tech Pack

6.6.2 Kolhapur IOT, shall indicate or cause to be indicated in all the technical documents, drawings and manuals including copies thereof furnished by BARC and in a manner approved by BARC that the design and the technology contained in the documents drawings or manuals are the property of BARC.


6.7 Kolhapur IOT, shall obtain necessary local statutory clearances if required for any activity to be carried out under this Agreement.

6.8 Kolhapur IOT, shall be bound to supply the product / part of product / services if requested from other AKRUTIs in India on chargeable basis.

6.9 In initial stage Kolhapur IOT, shall send the field data for the deployed technologies at regular intervals in the sample formats provided in ATPD and send to Head AKTS, Trombay, Mumbai - 400 085

6.10 NISARGRINA can be set up in urban sector, only after setting first operational plant in rural sector.

6.11 Kolhapur IOT, shall support in spreading the BARC's concept of AKRUTI programme through villages on its own.



6.12 Based on AKRUTI Tech-Pack, Kolhapur IOT, shall be encouraged to make Bankable project report. BARC shall give technical guidance to Kolhapur IOT, for this purpose for deployment of the technologies through Bankable project report.

6.13 Kolhapur IOT, shall also be encouraged to deploy new technologies developed by BARC of rural and societal importance on mutually agreed terms and conditions.

## 7. CONFIDENTIALITY

7.1 Kolhapur IOT, has read and understood all terms & conditions for the AKRUTI Tech-Pack and adheres to them.

7.2 Kolhapur IOT, shall take all necessary measures to ensure that no technology is passed on, disclosed, not given access to set up working facility in urban areas as per terms and conditions agreed.

8. BARC reserves the right to revoke the license at any time by giving one month's notice to Kolhapur IOT, in the event of his failure to observe or adhere to the terms specified in this Agreement and ANNEXURE - B without any liability on the part of BARC.

## 9. PATENT INFRINGEMENT CLAUSE

To the best of the knowledge of BARC the technologies of AKRUTI Tech-Pack do not infringe any patent rights owned by others and up to the date of this Agreement no legal proceedings have been filed against BARC by anyone on account of an alleged infringement of patent rights in respect of the technologies of this AKRUTI Tech-Pack, which have been already transferred to industry in the past on non-exclusive basis.

## 10. NON PERFORMANCE OF OBLIGATIONS

Where one of the parties has not performed any one of its obligations, it shall not be liable for such non-performance if it can prove that it was due to circumstances it was not bound to take into account or to avoid or to overcome as per the intention of the parties at the time of the conclusion of the Agreement. In the absence of any



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Kolhapur IOT



expression of the intention of the parties, regard shall be had to what reasonable persons in the same situation would have intended

**11. EXERCISING AUTHORITY**

Any / all instructions or notices which are to be given to and for any / all acts authorized or required to be done under or in consequence of these conditions by BARC may be done by the nominee of Director, BARC and Koliapur IOT shall accept only instructions so given. The exercising authority in the case of the Koliapur IOT shall be \_\_\_\_\_ or nominees

12. All notices required to be given hereunder shall be sent by registered post and addressed to the party concerned and shall be deemed to have been delivered if properly stamped and addressed. Notices by email mode are not acceptable. The stamp duty and registration charges on this document shall be borne and paid by BARC, Government of India

**13. ARBITRATION CLAUSE**

Difference of opinion, if any arising during the period of the Agreement will be settled on the basis of mutual consultation by the signatories or their designated nominees. In the event of any question, dispute or differences arising under these conditions or any special condition of Agreement or in connection with this Agreement, except as many matters the decision of which is specifically provided for by these or the special conditions, the same shall be referred to the sole arbitrator as mutually agreed

14. In the event of cessation of this Agreement both the parties shall be relieved of their obligations under this Agreement except clause 12, which is perpetual in nature.

15. This agreement (Agreement between Bhabha Atomic Research Centre (BARC), Mumbai and KOLHAPUR INSTITUTE OF TECHNOLOGY'S COLLEGE OF ENGINEERING, located at Gopal Shergood, Koliapur - 416234, Maharashtra, India for "AKRUTI Tech Pack" for deployment in rural sector (Under



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Koliapur IOT

the framework of DAE Societal Initiative]] shall become effective from the last date of its signing.

FOR AND ON BEHALF OF

President of India  
Bhabha Atomic Research Centre  
BARC, Mumbai

Signature



Name: Dr. A. P. Thyagaraj  
Director, Knowledge Management Group  
Bhabha Atomic Research Centre  
Mumbai-400 085, Maharashtra-400 085

Date: 10/03/2023

Place: Mumbai

Witness 1

Name:

Witness 2

Name: Anand Kumar, Head  
TDR, BARC

FOR AND ON BEHALF OF

Kolhapur Institute of  
Technology's College of  
Engineering (Autonomous)  
Maharashtra, India

Signature



Name: Dr. MOHAN B. VANKAR

Email id: vankar.mohan@kiet.ac.in

Contact Ph: 9902544599

Date: 10.03.2023

Place: Mumbai

Witness 1

Name: Dr. Shilpa M. Pise  
College of Engineering (Autonomous)  
Kolhapur

Witness 2

Name: Mr. Bhavik D. Shalwar



## Annexure-A

### 1. AKRUTI Tech Pack consists of following selected Technology related Documents (ATPD):

	Consultancy Mandays
• Micro Fine Neem Bio-pesticide (MICRONEEM)	2
• Solar Dryer 25 Kg (SD)	2
• Foldable Solar Dryer (FSD)	2
• Nisarguna Biogas Plant based on biodegradable waste 100 capacity	2
• Domestic Water Purifier	2
• A Rapid composting technology for decomposition of Dry Leaves, Kitchen waste and Temple waste	2
• Mass Multiplication Medium of Biofungicide Trichoderma spp.	2

### 2. High Tech Consultancy Service on trial basis for villages only

On successfully deploying the taken technologies in the rural sector, the ATP holder can request for following free consultancy suitable to his region on trial basis once:

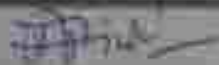
- Radiation Processing of Agri produce (Sample Quantities)
- BARC New Seeds (Sample)
- Application of Isotope Techniques in Hydrological Investigations (Preliminary Exposure)



## Annexure-B

### TERMS AND CONDITIONS

- Designed strictly for technology deployment exclusively in rural sector with rural empowers.
- Place of activity must be in rural sector providing opportunities of jobs and entrepreneurship to villagers.
- Working place / facility must be set up in rural sector except NISARGRANA with precondition.
- NISARGRANA can be set up in urban sector also only after setting at least one operational plant in the rural sector.
- Products made in villages can be marketed in urban areas in addition to villages with due acknowledgment.
- The individual / entrepreneur / industry / company taking AKRUTI Tech Pack can also deploy technologies in other villages through suitable mechanism or NGOs operating in those villages with above conditions in the same format as "AKRUTI-KRUTIK-FORCE".



Date: 21/06/2023

To,  
Dr. Anil R. Sarkar  
Dean, Corporate Relations  
Head, J&P  
KIT's College of Engineering (Autonomous), Kolhapur

Subject: Submitting MoU Original documents between KITCoE and BARC, Mumbai

Respected Sir,

On 10<sup>th</sup> March, 2023, KIT College of Engineering (Autonomous), Kolhapur and BARC, Mumbai signed Agreement for Technology Transfer, under the framework of DAI-Societal Initiative. Please find herewith an Original MoU for keeping in your authorized custody.

Thanking You,



Dr. Anil R. Sarkar

Coordinator- Akruis Project, BARC



Dr. S. M. Hase

Dean RAIP, KITCoE



## MOU-Form -1

### Internship Program: Memorandum of Understanding

Esapling Pvt Ltd. ( Hereafter- Esapling) and Kolhapur Institute of Technology's College of Engineering (Autonomous) Kolhapur, (hereafter KITCOEK) hereby establish a Memorandum of Understanding with regard to an Internship Program (hereafter Program) facilitating the host organization/institution's acceptance of KITCOEK students as interns. The terms of the Program are as specified below.

#### (Purpose)

Item 1: With a view to training Under Graduate / Post Graduate students with the skills and knowledge necessary to solve today's global/regional/local Engineering problems, KITCOEK has established an Internship program with Esapling that will further the individual student's education and develop the practical skills he or she will need for his/her future career.

#### (Period of Internship)

Item 2: The period and itinerary of the Internship to be engaged in by the student is to be agreed upon by all three parties Esapling, KITCOEK, and the student prior to the commencement of the internship.

#### (Content)

Item 3: The content of the Program and the manner in which the student will be assigned is to be determined through consultation among all three parties Esapling, KITCOEK and the student.

#### (Assigning the Internship supervisor)

Item 4: The student's Internship supervisor at Esapling is to be determined by consultation between KITCOEK and Esapling.

#### (Conditions of the Internship)

Item 5: The Internship supervisor undertakes to report back to KITCOEK on the student's progress over the course of the Program. The student's faculty supervisor at KITCOEK is to monitor the student's progress in terms of how the Program fulfills his/her training goals. To this end, the faculty supervisor undertakes to visit the student at least once at the host organization/institution during the internship period in order to directly observe the student's progress.

#### (Evaluation)

Item 6: The long-term intern must submit an internship report to both Esapling internship supervisor and KITCOEK faculty supervisor at the end of his/her internship period. The short-term intern must submit a preliminary Project report / Master's thesis to both the host organization/institution internship supervisor and KITCOEK faculty supervisor instead of an internship report. The Internship supervisor and KITCOEK faculty supervisor are to submit evaluative reports to KITCOEK based both on the internship report or the preliminary Form -1 KITCOEK, Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur Project report/ Master's thesis received from the student and upon their observations of the student's performance over the period of his/her internship.

#### (Expenses)

Item 7: The matter of costs for running the internship is to be determined by consultation between the Esapling and KITCOEK.

**(Disasters met during the period of internship)**

Item 8: While the student is obliged to take out appropriate student insurance, Esapiling and KITCOEK agree to work together to resolve any problems pertaining to disaster met by the student during the term of his/her internship (including commuting time).

**(Travel Expenses)**

Item 9: Payment of travel costs to and from Esapiling is a matter of discretion, to be determined through consultation among the three parties Esapiling, KITCOEK and the student.

**(Lodgings/accommodation during the internship period)**

Item 10: The matter of leasing or loaning lodgings/accommodation to the student during the internship period is to be determined through consultation among the three parties Esapiling, KITCOEK and the student.

**(Remuneration during the internship period)**

Item 11: The matter of remuneration paid to the student during the period of internship is to be agreed upon by the three parties (the Esapiling), KITCOEK and the student prior to the commencement of the internship.

**(Code of conduct during the internship period)**

Item 12: The student undertakes to abide by any employment rules set out by the Esapiling to facilitate the Program. The student agrees also to follow instruction and accept supervision throughout the internship period.

**(Keeping confidentiality)**

Item 13: The student agrees to keep strict confidentiality. On no grounds is he or she to disclose information obtained over the course of the program which is deemed classified by Esapiling.

**(Publication of results)**

Item 14: The publicizing of research results gained by the student over the period of his/her research is to take place only after consultation with KITCOEK and Esapiling.

**(Period of validity of the Memorandum of Understanding)**

Item 15: This Memorandum of Understanding is valid for five years, effective from the date that its signing is concluded by representatives of KITCOEK and Esapiling.

**(Termination/renewal of the Memorandum of Understanding)**

Item 16: A period of six months notice is required in the case when either party KITCOEK or Esapiling wishes to terminate the agreement established in this Form -1. KITCOEK Kolhapur Institute of Technology's College of Engineering (Autonomous) Kolhapur, Memorandum of Understanding. Any such wish must be expressed in writing. Any decision to renew the agreement must again be agreed upon by both parties, with both parties expressing their desire to continue at least six months prior to the expiration of the period covered by the current Memorandum of Understanding.

**(Others)**

Item 17: Additions or amendments to the provisions fixed by this Memorandum of Understanding are possible at any time, subject to consultation and agreement between both parties.

Two copies of this Memorandum of Understanding are to be prepared, each to be signed by the two parties, KITCOEK and Esapling. One copy is to be retained by each party.

Date: 15/02/2020

Signatories

Signature

Dr. V.V. Karjinni

Director

Kolhapur Institute of Technology's  
College of Engineering (Autonomous)

Kolhapur

Kolhapur

Date: 15/02/2020

Signature

Mr Satya Patri

Director

Esapling Pvt Ltd.

Witness

Signature

Name: Prof. Subhash S Mane

Dean Alumni and Corporate Relations

Kolhapur Institute of Technology's

College of Engineering (Autonomous)

Kolhapur

Witness

Signature

Name: Dr. U.S Bhaskar

Head Department of Mechanical Engineering

Kolhapur Institute of Technology's

College of Engineering (Autonomous)

Kolhapur

Witness

Signature

Ms. Kasturi Meshram

Manager HR



SEAL

Kolhapur Institute of Technology's  
College of Engineering (Autonomous)  
Gokul Shirgaon, Kolhapur  
416234

Esapling Pvt Ltd.  
Rainbow Plaza, Office # 513, Rahatani Rd,  
Rahatani, Pimpri-Chinchwad, Maharashtra  
411027



## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter may referred to as "Agreement") is made on 1<sup>st</sup> day of MAY, 2024 between

KIT's College of Engineering (Autonomous), Kolhapur a Trust formed under the laws of Bombay Public Trust Act, 1950, having its registered office at Gokul Shingraon, Kolhapur, MH, India acting through its Director, Dr. Mohan B. Vanarotil, Occupation-Service, ("hereinafter may referred to as "KIT") (which expression shall, unless repugnant to the context or contrary to the meaning thereof, mean and include its Affiliates, successors and permitted assigns) OF THE FIRST PARTY

AND

BIM technologies incorporated under the Australian Act/laws having its registered office Level 17, 727 Collins street, Melbourne acting through its Director Mr. Vikram Mohite, Occupation-Business (Hereinafter call "BIM Technologies" which expression shall, unless repugnant to or inconsistent with the context or meaning thereof, be deemed to include its successor, legal representative and permitted assigns.)

Hereinafter BIM Technologies and KIT collectively referred to as the "parties" and individually as party.

### WHEREAS

**KIT Profile-** An institute established in May 1983, KIT reflects the vision of leading industrialists and educationalists. The vast exposure and experience of its founders has helped KIT to establish its identity as an Institute of repute in the field of Engineering and Management education.

The Institute has been awarded "A" Grade by NAAC, New Delhi recognition of its overall academic excellence and infrastructure. KIT is currently autonomous institute and it is affiliated to Shivaji University, Kolhapur and is approved by DTE, Maharashtra and AICTE, New Delhi.

**BIM Technologies Profile-** We are specialist in Building Information Modelling (BIM) services, and Autodesk service marketplace helping clients to achieve their organizations goals using state of the art facilities and latest cloud-based technologies. We cover range of corporate and government sectors helping in various disciplines such as Architecture, Structure, MEP Services, BIM clash detection and resolution, Cloud based BIM coordination etc. to improve their engineering efficiency, to support global footprint and improve competitiveness.

WHEREAS KIT offer and conduct courses for academic and skill development purposes at KIT campus in a professional manner and also wants to train their students of Civil, Environmental and Mechanical Engineering on various Software platforms of companies such as Autodesk BIM. The software must



be taught by an instructor having professional knowledge. BIM technologies is having rich experience of the said work.

BIM Technologies and KIT are willing to jointly establish a relationship for development initiatives, where parties shall work together in number of ways for providing instructor Online training at the college premises within the affiliation of KIT. Further the institution means an entity where students would take training at, selected/assigned/affiliated or recognized by/ to KIT.

This agreement spells out arrangement between BIM technologies and KIT to import instructor led classroom training by utilizing core competency, expertise, infrastructure and technical knowhow for employability enhancement of student among various institution under affiliated to Shivaji University, Kolhapur. BIM technologies will not be involved in any similar type of engagements with any other professional AICTE approved Institute geographically located in Kolhapur, Sangli and Satara district of Maharashtra state, India during the tenure of this agreement.

## 1. GOALS OF THIS AGREEMENT:

The object of this agreement is that BIM technologies in association with KIT shall provide all necessary skills to the students of KIT at the institute premises for necessary employable opportunities in field of BIM and make students industry ready.

## 2. RESPONSIBILITIES:

The Responsibilities of BIM Technologies & KIT are as follows:

### A. Responsibility of BIM Technologies:

- (a) BIM Technologies shall take the entire responsibility for providing instructor lead online and required hands on training on software and theoretical aspects of BIM to the enrolled students as per list provided to BIM Technologies by KIT.
- (b) BIM Technologies shall provide necessary support to KIT in the training course management.
- (c) BIM Technologies shall facilitate training with requisite software (education version provided by respective OEM/manufacture) as prescribed in Appendix-I.
- (d) BIM Technologies shall provide necessary counselling guidance to the student of the Institutes in the training.
- (e) BIM Technologies shall provide necessary assistance to student so that they can avail student license software.
- (f) BIM Technologies would also provide regular reports and feedbacks to the KIT of smooth functioning of instructor lead online training on software.
- (g) BIM Technologies shall fulfil necessary requirements of examination and Autodesk certification of the student at the end of course delivered by Trainer of BIM Technologies.
- (h) BIM Technologies will disclose their association with Autodesk as authorised Trainer certification.

### B. Responsibility of KIT:

- (a) KIT shall provide details of students to BIM Technologies for conducting training on respective software.
- (b) KIT shall provide students at its premises with requisite hardware for proper functioning of software training.





- (c) KIT shall instruct students to facilitate required payment as per share predefined before commencement of course.
- (d) KIT shall buy the requisite software from assistance of BIM Technologies if they are not available in education version and required for training purposes or to fulfil the obligation of BIM Technologies services.

### 3. TERM AND TERMINATION.

- A. **Term:** This Agreement shall commence on the Effective Date and continue for thirty-six (36) months unless terminated earlier. Either party may notify the other party in writing of early termination of this Agreement by a prior notice of not less than three months prior to the effect of such termination subject to completion of any liability towards each other.
- B. **Termination:** Notwithstanding Section 3 A, if, during this Agreement, including renewal terms, either party breaches this Agreement, the other party may terminate this Agreement upon notice to such party if such breach has not been cured to the reasonable satisfaction of the other party within thirty (30) days following written notice of the breach. This Agreement shall terminate immediately and automatically if the KIT suspends operations, is or becomes the subject any bankruptcy or similar proceeding, makes an assignment for the benefit of creditors, or is adjudicated bankrupt or insolvent.

### 4. INTERNSHIP AND PLACEMENT TO STUDENTS:

Both parties mutually agree that:

- A. BIM Technologies shall provide internship opportunity to students of KIT under its association with corporate companies. BIM Technologies should engage students for project activities wherein the students will get an opportunity to undergo the practical, hands on training on industry problems.
- B. The Selection of the candidate shall be based on the internship requirement and suitability of the candidate based on skill acquired by candidate during certification program.
- C. BIM technology shall provide assistance for placements to students who have completed courses under this MOU.

### 5. RELATIONSHIP:

BIM Technologies is an independent professional rendering service, for the term described above, with respect to the KIT and that the BIM technology shall not be addressed as its employee. This agreement does not create any partnership, agency, joint venture or employer employee relationship between the parties.

### 6. PROFESSIONAL FEES:

The Professional Fee that KIT shall pay to retain the BIM Technologies for the services rendered by them shall be as per course content and number of contact hours either online or classroom will be decided before commencement of program. Amount of Fees for training is INR 6000 per session. Maximum number of 30 students will be enrolled in a batch. Both parties shall have a right to revise the fee structure whenever seems fit subject to consent of KIT and BIM Technologies seems deems. One Year Diploma Course will commence only if minimum count of 10 Admissions are ready.





## 7. ARBITRATION AND GOVERNING LAW:

This Agreement states the entire agreement between the parties concerning the disclosure of Confidential Information and supersedes any prior agreements, understandings, or representations with respect thereto. Any addition or modification to this Agreement must be made in writing and signed by authorized representatives of both parties. All disputes, controversies and differences of opinion arising out of or in connection with this Agreement or for the breach hereof which cannot be settled amicably by the Parties hereto shall be settled by arbitration according to the provisions of the Indian Arbitration Act, 1996 and any amendments thereto from time to time. The decision of the Arbitrator shall be final and binding on both the parties. The venue of arbitration shall be Kolhapur. The arbitration proceedings shall be conducted in the English language. This Agreement is made under and shall be construed according to the laws of India and Courts would have the exclusive jurisdiction with regards to issues arising out of this Agreement.

## 8. ASSIGNMENT:

Each party understands and acknowledges that this Agreement is personal to the parties and accordingly, except for BIM Technologies right to assign this Agreement to a related entity, neither party may assign this Agreement (in whole or part) without the prior written consent of the other nor any attempt to do so shall be void. KIT shall not delegate or subcontract any of its obligations under this Agreement without BIM Technologies prior written consent. In witness thereof, the parties have caused this agreement to be signed in their respective names as of date first mentioned above.

This Memorandum of Understanding is prepared in two identical copies; each party will hold one original signed on 1st May 2024

Accepted and Agreed to:

  
Authorized Signatory  
KIT's College of Engineering, (Autonomous)  
Kolhapur, Maharashtra, India

Name: Dr. M. B. Vanarotti  
Designation: Director

Witness No.-1

  
Dr. Rohan Nalawade  
Associate Professor  
Department of Civil Engineering



  
Authorized Signatory  
BIM Technologies,  
Melbourne, Australia

Name: Mr. Vikram Mohite  
Designation: Director

Witness No.-1

  
Mrs. Gayatri Raghunath



## **SERVICE AGREEMENT**

This **Service Agreement** ("Agreement") is made effective as of March 20, 2024, ("Effective Date") by and between;

**TMAT.IO & The QUBE** ("QUBE"), a company registered under the laws of the United Kingdom, and

**KIT's College of Engineering (Autonomous), Kolhapur** an Educational Institution registered under the laws of India, with its principal office located at RS No.199B/1-3, Gokul Shirgaon, Maharashtra 416234, India ("Talent Center/Local Host").

1. **Jurisdiction:** The jurisdiction for any disputes arising under this Agreement shall be [Jurisdiction], subject to the laws and regulations therein.
2. **Objective:** The objective of this Agreement is to establish the terms and conditions under which the Talent Center shall ensure the participation of a specified number of candidates in the screening process for the academy facilitated by QUBE.
3. **QUBE Responsibilities:**
  - 3.1 **Offer jobs and interviews to selected candidates:** QUBE agrees to provide job offers and conduct interviews for candidates who successfully pass the screening process and meet the criteria set forth by QUBE.
  - 3.2 **Provide access to customer-centric product training material:** QUBE agrees to grant Talent Center access to comprehensive training materials specifically designed to enhance candidates' understanding and proficiency in customer-centric products.
  - 3.3 **Grant access to customer-centric products, including in-house tools required by the candidate after joining the role:** QUBE shall provide access to various customer-centric products, including any proprietary in-house tools necessary for candidates to perform their duties effectively upon joining their respective roles.
  - 3.4 **Conduct induction into the business (sessions):** QUBE commits to conducting induction sessions aimed at familiarizing selected candidates with the company's business operations, culture, and expectations.
  - 3.5 **Manage students selected in the program:** QUBE shall oversee the management and coordination of selected candidates throughout the duration of the program, ensuring their progress and addressing any issues that may arise.
  - 3.6 **Provide training to the student:** QUBE shall deliver comprehensive training sessions to selected candidates, covering relevant topics and skills required for their roles within the company.



**3.7 Provide Infrastructure for the training - licenses:** QUBE shall provide the necessary infrastructure, including software licenses and access to digital platforms, to facilitate effective training delivery and candidate learning experiences.

**4. Talent Center's Responsibility:**

**4.1 Provide access to students in year 3 or 4 of engineering:** The Talent Center agrees to facilitate access to students enrolled in the third or fourth year of engineering programs within their institution. The Talent Center will support The QUBE to enroll up to 200 candidates per batch

**4.2 Offer transparent assessments to anyone applying to the program:** The Talent Center shall conduct fair and transparent assessments for all applicants interested in participating in the program, ensuring an equitable selection process.

**4.3 Ensure no parallel screening:** Talent Center agrees not to conduct any parallel screening processes for candidates applying to QUBE's programs, thereby ensuring a single and unified screening procedure.

**4.4 Provide equal and fair opportunity to all applicants (DE&I terms):** The Talent Center commits to providing equal and fair opportunities to all applicants, adhering to Diversity, Equity, and Inclusion (DE&I) principles and avoiding any form of discrimination.

**4.5 Operate as a regional sourcing center for QUBE's partner NGOs:** Talent Center agrees to function as a regional sourcing center for QUBE's partner NGOs, facilitating the identification and recruitment of potential candidates from the specified region.

**4.6 Implement no additional barrier to entry - e.g. additional assessments, parallel screening processes, cut off etc.:** The Talent Center shall not impose any additional barriers to entry for applicants, such as additional assessments, parallel screening processes, or arbitrary cutoff criteria, ensuring an inclusive application process.

**4.7 Provide access to your recruitment cell to support us during the placement of students:** Talent Center agrees to grant QUBE access to its recruitment cell, enabling collaboration and support during the placement process of selected candidates into suitable roles.

**4.8 Ensure no penalty to the student for dropping off:** Talent Center shall ensure that students participating in the program face no penalties or repercussions for discontinuing their involvement in the program.

**4.9 Offer us interview opportunities with the candidates:** The Talent Center shall facilitate interview opportunities with candidates selected for the program, allowing QUBE to assess their suitability for employment.

**4.10 [Optional] Include our program as an add-on (module) for the students in year 3 and 4 of your academic year:** Talent Center may choose to include QUBE's program as an elective option for students, providing them with an opportunity to participate and benefit from the program.

**4.11 Designate a faculty member or convener for the program:** The Talent Center shall designate a faculty member or convener responsible for overseeing and coordinating the activities related to QUBE's program within the institution.

**4.12 Ensure confidentiality and protection of program-related data, including student performance data:** Talent Center shall maintain the confidentiality and protection of all program-related data, including student performance data, in accordance with applicable privacy laws and regulations.



- 4.13 Maintain confidentiality regarding student performance and any data maintained under this Agreement:** Talent Center agrees to maintain the confidentiality of student performance data and any other data obtained or generated in connection with this Agreement.
- 4.14 Agree not to solicit information from students or individuals involved in the program:** Talent Center shall refrain from soliciting information from students or individuals involved in the program for purposes other than those specified in this Agreement.
- 4.15 Agree not to solicit employment from the operating team delivering the program:** Talent Center agrees not to solicit employment from the operating team responsible for delivering QUBE's program within the Talent Center.

## **5. Miscellaneous:**

### **5.1 Assignment:**

**5.1.1** No Party shall assign the Agreement to any third party without prior written consent of the other Party.

**5.1.2** This Agreement will be binding upon and will inure to the benefit of the Parties and their respective successors and assigns.

**5.2 Severability:** If any provision of this Agreement is or becomes illegal, invalid or unenforceable in any jurisdiction, the illegality, invalidity or unenforceability of that provision will not affect validity of any other provision of this Agreement.

### **5.3 Waiver:**

**5.3.1** Failure by any Party to insist upon the strict performance of any covenant, duty, agreement or condition of this Agreement or to exercise any right or remedy consequent upon a breach thereof shall not constitute a waiver of any such breach or of any other covenant, duty, agreement or condition.

**5.3.2** Any waiver must be specifically stated as such in writing.

### **5.4 Entire Agreement:**

**5.4.1** This Agreement constitutes the entire agreement among the Parties pertaining to the subject matter hereof and supersedes all prior agreements and understandings pertaining thereto.

**5.4.2** No amendment, supplement, modification or restatement of any provision of this Agreement shall be binding unless it is in writing and signed by each Party.

**5.4.3** There will be no additional financial burden on the student or the Talent Center for this program

### **5.5 Digital Marketing & Logo:**

**5.5.1** Both parties shall grant each other and its Affiliates permission to use the Company's name and logo in its or its Affiliate's marketing materials, social media handles (e.g. LinkedIn, X, Facebook, Snapchat, etc) and bid documentation in relation to potential transactions.

### **5.6 Training Curriculum & Advisory Board:**

**5.6.1** QUBE shall offer training programs to the students at the Talent Center in one or more of the following areas but not limited to:

- a. 30, 60, 90 Day Professional Industry Recognized Courses & Certifications
  - i. MS Trainings - Data Analytics, Cyber Security & AI
  - ii. AWS Packages

III. Adobe

- b. Hybrid trained led by a coach, capstone projects & soft skill development
- c. Cultural Integration UK to India, India to UK, Interview preparation for IT roles
- d. Language and Accent Neutralization e.g. Regional English Dialects
- e. Data Protection: e.g. GDPR, Social Media Awareness, Security and Compliance
- f. Mental Health & Well-being
- g. Students will be required to spend up to Hour 250 on this program

**5.6.2 KIT will nominate an executive to be on the Advisory Board of the QUBE**

Name: Dr (Prof) Mohan Vanarotti, Director, KIT

Cell : +91 99025 44599

Email : [vanarotti.mohan@kitcoek.in](mailto:vanarotti.mohan@kitcoek.in)


IN WITNESS WHEREOF, the Parties have executed this Agreement by their duly authorized officers to be effective as of the Effective Date.

[TMAT.IO/The QUBE UK]  
[Authorized Signatory]

Kanishka Misal

Date **23 MAR 2024**



  
**Dr. Mohan B. Vanarotti**  
Director,  
KITs College of engineering  
(Autonomous), Kolhapur

**Dr. Mohan B. Vanarotti**  
M. Tech., Ph.D.  
Director  
Kolhapur Institute of Technology's  
College of Engineering (Autonomous),  
Kolhapur