

# MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN



**Bharati Vidyapeeth's College  
Of Engineering, Lavale, Pune.**

&

**Trailblazer Technologies  
MIDC Talwade, Pune**

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the day of 15<sup>th</sup> March - Two Thousand Twenty Four (15/03/2024),

### BETWEEN

Bharati Vidyapeeth's College of Engineering, Lavale, Pune, 412115, Represented herein by its Principal, Dr. R. N. Patil (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

### AND

Trailblazes Technologies, Talacwade, Pune - 411062  
\_\_\_\_\_ (hereinafter

referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

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

### WHEREAS:

A) First Party is a Higher Educational Institution named:

**Bharati Vidyapeeth's College of Engineering, Lavale, Pune**

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;

E) \_\_\_\_\_,  
 the Second Party is engaged in Business, Manufacturing, Skill Development, Education and R&D Services in the fields of -  
 .....and related fields.

F) Tzailblazes Technologies, Pune the Second Party is promoted by Mz. Shreyas J. Nangase;  
 Address and background of the Company;

Gut No. 199, Behind Jyotiba Mandhit, Talwade  
Pune - 411062.  
- Machining.

G) Give related information, its branches, and dimensional information about the industry concerned with whom the MoU is sworn.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:**

**CLAUSE 1 CO-OPERATION**

1.1 Both Parties are united by common interests and objectives, and they shall

establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.

- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

## **CLAUSE 2 SCOPE OF THE MoU**

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.

2.3 **Industrial Training & Visits:** Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.

2.4 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.

2.5 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of -

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2.6 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.

2.7 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.8 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial

requirement considering the National Occupational Standards in concerned sector, if available.

- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein.
- 2.10 There is no financial commitment on the part of the **BharatiVidyapeeth's College of Engineering, Lavale, Pune.**The First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

### CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

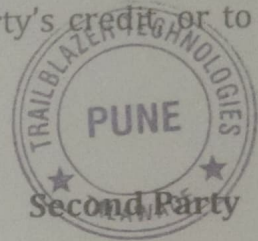
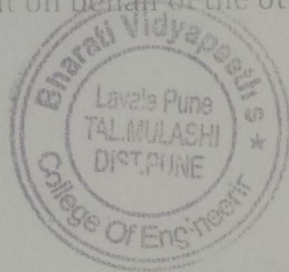
### CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period \_\_\_\_\_, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **Training Partner** or \_\_\_\_\_, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.
- 4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

## CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

**First Party**

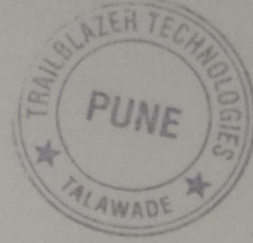


Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Pune.

**AGREED:**

For: Bharati Vidyapeeth's  
College of Engineering,  
Lavale, Pune.

For: Trailblazer Technologies.



*R. Patil*

**I/C PRINCIPAL**  
Authorized Signatory  
**BHARATI VIDYAPEETH**  
COLLEGE OF ENGINEERING, LAVALE  
Tal-Mulshi, Dist. Pune

*Engul*

Authorized Signatory

Bharati Vidyapeeth's College of Engineering, Lavale	Trailblazer Technologies.
Address: Lavale, Tal. Mulshi, Dist. Pune, 412115	Address: Gut No - 199, Jyotiba Nagar, Talawade, Pune.
Contact Details : 020-20291357	Contact Details: 9604757502
E-mails : coelpune@bharatividyaapeeth.edu	E-mails
Web : <a href="http://bvcoe.bharatividyaapeeth.edu">http://bvcoe.bharatividyaapeeth.edu</a>	Web:

Witness 1:

*P. R. Raker*

Witness 2:

*N. Singh*

Witness 3:

*Raker*

Witness 4:





**BHARATI VIDYAPEETH'S**  
COLLEGE OF ENGINEERING  
LAVALE PUNE 412 115

**DEPARTMENT OF COMPUTER ENGINEERING**  
Monthly Report for August 2023

2023-2024

**STUDENTS ACADEMIC PERFORMANCE**

Students Result in various examinations during specified period

Class	*Type of Examination	Name of Subject	Date of Examination	No. of Candidates		Passing Percentage
				Appeared	Passed	
Nil						

\*On Line Exams/End Sem Exams/In-Sem exams/Prelims/MCQ/Others

**DEPARTMENTAL ACTIVITIES**

**1 Information about events organized by department**

No	Type of Event*	Name of the event	Name of Department	Name of Guest	Affiliation of Guest	No of participants	Duration (From-To)
1	Seminar	Accelerators/Incubation-Opportunities for Students & Faculties- Early Stage Entrepreneurs	Computer Engineering	Mr. Rahul Teni	Chief Technology Officer at Austere Systems Private Limited.	43	22/08/2023

\*Type of Event- Seminar/Webinar/Workshop/Conference/Industry-Academia Innovation/Success Stories/Skill development

**2 Information about events organized by department (For nearby schools only)**

No	Name of Event/Activity*	Name of School	Contact Details of School	Name of Faculty involved	Number of Participants	Duration (From-To)
Nil						

\*Activities like SanganakSadhana, Swachha-Bharat Mission can be included. Don't include NSS activities here.

**3 Information about events organized by department in association with Professional bodies**

No	Name of Activity	Name of Department	Resource Person Name & Contact details	Number of Participants	Duration (From-To)
Nil					

\*Include activities conducted in association with professional bodies only.

**4 Information about Faculty Development Programs organized by department**

No	Name of Program*	Name of Department	Sponsoring Agency	Amount if Sponsored	Duration (From-To)	No of Participants	**Level

\*Department shall provide relevant details

**5 Participation in inter-institute events by students**

No	Name of Student	Type of Event*	Name of event	Organizing Institute/ University	Duration (From-To)	Level	Recognition Awards (if any)
Nil							

\* Include only technical activities here

**6 Start-Up**

No	Name of Start-up	Nature of Start-up	Date of commencement	Founder Details	LLP No.	Start-up website (if any)	Team members (From BVCOEL only)
Nil							

\*Only provide information here if new Start-up has been started. Don't include startup activities here.

**FACULTY CONTRIBUTION**

Research and Professional Practices

Numerical information about research activities in the specified period		↓	No
A	Number of research projects , which received research grants		0
B	Funds received for research for projects mentioned above		0
C	Number of research papers published in International Journals		1
D	Number of research papers published in National Journals		0

E	Number of research papers presented in International Conferences						0	
F	Number of research papers presented in National Conferences						0	
G	Number of research papers authored with industrial persons						0	
H	Number of knowledge events participated by faculty						2	
O	Number of Participation in Professional practices (Curriculum Restructuring/Syllabus Development/Others)						9	
J	Number of Patents						0	
K	Details of National Conference attended						0	
L	Details of International Conference attended						0	
<b>* The summary must be matched with entries in following tables.</b>								
<b>A Research projects in the specified period</b>								
No	Title of the Research Project	Name of Department	Name of Principal Investigator	Date of Approval	Approval Agency (AICTE, SPPU, UGC, etc..)	Any other faculty involved		
Nil								
<b>B Funds received for research for projects mentioned above</b>								
No	Funding Agency		Grants Received		Grants Utilized	Remaining Grant		
Nil								
<b>C Research papers published in International journals in the specified period</b>								
Title of the paper	Name of Author(s)	Name of Department	Name of the Journal	Date/ Month of Publication	Amount (if paid by institute)	Volume, Issue, Page Number and Impact Factor/ICV	Approval UGC/SC OPUS/Weight of Science/Other	URL
Wireless Charging: Its Types, Standards and applications	Dr.U.C.Patkar	Computer Engineering	IJRITCC	8/1/2023	-	Volume:11 Issue:9s	UGC	<a href="https://ijritcc.org/index.php/ijritcc/article/view/7398">https://ijritcc.org/index.php/ijritcc/article/view/7398</a>
<b>D Research papers published in National journals in the specified period</b>								
Title of the paper	Name of Author(s)	Name of Department	Name of the Journal	Date/ Month of Publication	Amount (if paid by institute)	Volume, Issue, Page Number and Impact Factor/ICV	Approval UGC/SC OPUS/Weight of Science/Other	URL
Nil								
<b>E Paper presented in International Conferences in the specified period</b>								
Title of the paper	Name of Author(s)	Name of Department	Name of the Conference	Organized By	Date	Amount (if paid by institute)	Location	URL
Nil								
<b>F Paper presented in National Conferences in the specified period</b>								
Title of the paper	Name of Author(s)	Name of Department	Name of the Conference	Organized By	Date	Amount (if paid by institute)	Location	URL
Nil								
<b>G Research papers authored with industrial persons</b>								
No	Title of the paper	Name of Author(s)	Name of Industrial Co-Author	Name of Company	Date	Name of Conference/Details of Journal	Location	URL
Nil								
<b>H Participation in Knowledge Events by faculty members *(FDP/Webinar/Seminar/STTP/Workshops/Others)</b>								
No	Type of Event	Name of Event	Name of Faculty	Name of Department	Date (DD/MM/YYYY)	Level	Amount	Organizing Institute
1	FDP	Education 4.0 In Higher Education	Dr.U.C.Patkar	Computer Engineering	31/08/2023 to 04/08/2023	University	-	Vishwakarma Institute of Information Technology Pune
2	Course	Designing Course outcomes and Outcomes-focused Questions	Dr.U.C.Patkar	Computer Engineering	9/8/2023	National	-	InPods-Ed-Tech
<b>I Participation in Professional Practices (Curriculum Revision/Syllabus Development/Others)</b>								
	Name of Faculty	Name of Department	Type of professional practices	Designation in Professional Practices	Organizing Institute	Date		
1	Prof.P.J.Chate	Computer Engineering	Insem exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	25/8/2023		
2	Prof.P.J.Chate	Computer Engineering	Insem exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	26/8/2023		
3	Prof.P.J.Chate	Computer Engineering	Insem exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	31/8/2023		
4	Dr. U.C.Patkar	Computer Engineering	Exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	22/08/2023		
5	Dr. U.C.Patkar	Computer Engineering	Exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	24/08/2023		
6	Dr. U.C.Patkar	Computer Engineering	Exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	25/08/2023		
7	Dr. U.C.Patkar	Computer Engineering	Exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	28/08/2023		
8	Dr. U.C.Patkar	Computer Engineering	Exam Paper Setting	Paper Setter & Examiner	SPPU, Pune	31/08/2023		
9	Prof.P.M Kadam	Computer Engineering	Exam Paper Setting	Insem Paper Setter & Examiner	SPPU, Pune	26/08/2024		
<b>J List of Faculty Patents/IPR</b>								
No	Name of Faculty	Name of Department	Title of Invention	Patent/Application Number	Date of Application	Current Status of Patent		

Nil								
<b>K Details of National Conference attended</b>								
No	Name of Faculty	Name of Department	Name of the Conference	Organized By	Date		Amount (if paid by institute)	Location
Nil								
<b>L Details of International Conference attended</b>								
No	Name of Faculty	Name of Department	Name of the Conference	Organized By	Date		Amount (if paid by institute)	Location
Nil								
<b>FACULTY ACHIEVEMENTS</b>								
No.	Name of faculty	Name of Department	Achievement	Level	Dates			
<b>(Awards/Recognitions/Memberships/Fellowship/any notable achievement in Specified Period)</b>								
<b>BOOKS AND MONOGRAPHS PUBLISHED</b>								
Number of books/chapters/Manuals/Monographs published								
Names of books/Chapters/Manuals/ Monographs published in specified period								
Sr. No.	Title	Name of Author(s)	Publication	ISBN Number				
Nil								
<b>INDUSTRY –INSTITUTE INTERACTION</b>								
<b>1 Industrial Visit of Faculty (Visits accompanied with students should be excluded)</b>								
No	Name of Faculty	Name of Department	Name of Company	*Sector	Purpose of Visit	Dates	Outcome	
Nil								
<b>2 Training of Faculty by Industry</b>								
No	Name of Faculty	Name of Department	Name of Company	*Sector	Title of Training	Dates	Outcome	
Nil								
<b>3 Faculty Providing training to industry</b>								
No	Name of Faculty	Name of Department	Name of Company	*Sector	Title of Training	Dates	Outcome	
Nil								
<b>4 Faculty on board of Industry</b>								
No	Name of Faculty	Name of Department	Name of Company	Date of Appointment	Type of Board/council	Designation of Faculty	Meeting Date(if any)	
Nil								
<b>5 Industrial people on various Boards/Committee of Institute or Department</b>								
No	Type of Board/council	Name of Industry Member	Designation	Name of Company	Sector	Tenure		
Nil								
<b>6 Faculty patents leading to industry products</b>								
No	Name of Faculty	Title of Invention	Patent Number	Date of Grant/File	Name of Company	Sector	Date of Adoption	
Nil								
<b>7 Sponsored Projects (Faculty only)</b>								
No	Title of Project	Name(s) of coordinator	Name of Sponsoring company	Duration	Grant Received	Status of Project		
Nil								
<b>8 Consultancy Projects/Advisory Services</b>								
No	Name of Faculty	Name of Company/ organization	Title of Project	Revenue Generated	Dates	Status of Project		
Nil								
<b>*Sector-Agriculture/Banking/Construction/Consumer durables/Engineering/Health care/IT/Metal and mining/Oil and Gas/Power/Retail/Service/Transport/others</b>								
<b>9 MOU Information</b>								
No	Name of Department	Name of Faculty Coordinator	Name of Company	Sector	Date of MOU	Purpose of MOU		
Nil								
<b>CURRICULUM INPUT</b>								
<b>I Guest Lectures (General Topics)</b>								
No.	Name of Guest	Company / Organization Represented	Designation	Topic Name	Name of Organizing Department	Dates	No of Participants	
Nil								
<b>II Expert Lectures (Subject-Specific Topics)</b>								

No.	Name of Guest	Company / Organization Represented	Designation	Topic Name	Name of Organizing Department	Dates	No of Participants
Nil							
<b>III Student Internship/Industrial Training</b>							
No	Name of Department	Name of Student	Name of Company	Sector	Date/Duration		
<b>IV Student Industrial Visit</b>							
No	Name of Company	Sector	Name of Department	Name of Faculty Accompanied	No of students Visited	Duration (From-To)	
Nil							
<b>V Students Sponsored Projects</b>							
No	Title of Project	Name of Company Representative	Name of Sponsoring company	Duration	Grant Received	Status of Project	
Nil							
<b>STUDENT /FACULTY SUPPORT SYSTEM</b>							
<b>I Mentoring System to help students at individual level</b>							
No	Name of Department	Class/ Division	Type of Meeting (GFM/HOD)	Name of Faculty	*Type of Mentoring	Dates of mentoring activity	
1	Computer	SE,TE,BE	HOD	Dr.UC.Patkar	All	8/7/2023	
2	Computer	SE	GFM	Prof. M.A.Patil	All	8/29/2023	
3	Computer	TE	GFM	Prof.P.M.Kadam	All	8/22/2023	
4	Computer	BE	GFM	Prof.P.J.Chate	All	8/8/2023	
<b>*Please write specific points discussed in the meeting.</b>							
<b>II Self Learning facilities for students</b>							
No	Class / Division	Type of Self Learning Facility	Name of Subject	No of students participated	Dates	Certificate/Award Received by students if any	
Nil							
<b>*Webinars/Podcast/MOOC's/NPTEL courses/Myexamo /Others</b>							
<b>III Achievement of Students in Competitive Exam</b>							
No	Name of Student	Name of Department	*Name of Competitive exam appeared/qualified	Competitive Exam Seat No.	Score		
<b>*MPSC/UPSC/GATE/GRE/IELTS/TOEFL/CAT/Others</b>							
<b>IV Capability Enhancement and Development Activities</b>							
No.	Name of Activity*	Date of implementation	Number of Students Enrolled	Agencies involved			
Nil							
<b>*Soft Skill Development/Remedial Coaching/Language Lab/Yoga/Meditation/Personal Counseling/Bridge Courses/Competitive Examination/Higher</b>							
<b>V Number of professional development / administrative training programmes organized</b>							
No	Title of the professional development program*	Organized for Faculty / Staff	Organizing Department	Duration (from-to)	No. of participants	Agencies involved	
Nil							
<b>* Include programs arranged for Teaching and Non-Teaching staff.</b>							
<b>EXTRA CURRICULAR ACTIVITIES</b>							
<b>Sports (This information to be provided by Physical/Sports Director)</b>							
No	Activity	Organized by	Level	Date	Number of Students Participated		
Nil							
<b>Names of winners at various levels of sports tournaments</b>							
No	Name of the Sport / Team	Name of the student	Student ID Number	Name of Department	Level	Rank	
Nil							
<b>*A detailed descriptive report with photographs by Sports Director</b>							
<b>Cultural Activities</b>							
<b>Number of students participated in cultural competitions other than institute level in the specified period</b>							
Number of such events				Nil			
Solo Performance				Nil			
Team Performance				Nil			
<b>Awards won in cultural competitions/Club activities</b>							
No	Name of Event	Organized by	Level	Date	Prize Won/ Medal	Name of Winners	Student ID Number
Nil							
<b>*A detailed descriptive report with photographs by Cultural Coordinator</b>							
<b>Social Activities</b>							
<b>Information about social activities held in the specified period</b>							
No	Name of Activity	Location	No. of Faculties Participated	No. of Students Participated	No. of people benefited	Date	Awards/Recognition (if any)
Nil							
<b>(A detailed descriptive report with photographs by NSS Program officer). *Gender Equity promotion program/ Universal Values and Ethics</b>							

**Activities of Various Centers/Cells (ISTE/Research/Skill Development Center etc)**

No	Name of Center/Cell	Name of Program/Activity	Sponsoring Agency	Date	Level	No. Of Participants
Nil						

(A detailed descriptive report with photographs by Head of Center/Cell/In charge)

**Extra Activities/Acheivement(if any)**

No	Name of Department	Name of Faculty	Activity	Date	Achievement
Nil					

\*Only include activities/acheivements which are not mentioned anywhere in the report.

**(Innovation to Entrepreneur cell)E-Cell**

Numerical information about research activities in the specified period						
		Civil	Computer	E&TC	Mech	FE
A	Number of research paper in UGC Approved Journal		Nil			
B	Number of Patent Filed/Published		Nil			
C	Activity Conducted By E- Cell		Nil			
D	Details of International Conference attended		Nil			
E	Details of NationalConference attended		Nil			
F	Start-Up		Nil			

Activity Conducted By E- Cell

No	Activity	Organized by	Level	Date	Number of Students Participated
Nil					