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Academic Year 2023-2024

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DRONA AVIATION

Drona Aviation Pvt. Ltd.

Contact: +91-7208255431 | Email: info@dronaaviation.com

Memorandum of Understanding

Between:

Drona Aviation Pvt Ltd.

Add: Unit 111, Second Floor, Punjani Industrial Estate, Pokharan Road Number 1, Khopat, Hans Nagar, Thane West, Thane, Maharashtra 400601

And

Mechatronics Engineering Department, Terna Engineering College

Add: Sector-22 Opp. Nerul Railway Station W, Phase II, Nerul, Navi Mumbai, Maharashtra 400706

Purpose

The purpose of this MoU is to outline the collaboration between Drona Aviation and the Mechatronics Engineering Department, Terna Engineering College, to support and mentor selected student teams in drone technology projects.

1. Responsibilities of Drona Aviation

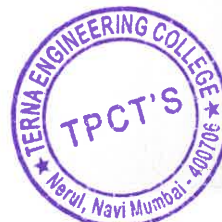
- **Provision of Resources:** Drona Aviation will provide all necessary resources and equipment required by the selected student teams to complete their projects.
- **Mentorship:** Mentors from Drona Aviation will offer guidance and support to the student teams throughout the duration of their projects.

2. Responsibilities of the College

- **Project Documentation:** The College agrees to mention Drona Aviation's name in the project black book and in any presentations or publications resulting from the work.
- **Monthly Review:** Selected student teams will present their progress to the Drona Aviation team on a monthly basis.
- **Intellectual Property (IP):** Any IP created during the course of these projects will be owned solely by Drona Aviation.
- **Final Presentation:** Drona Aviation team members will participate in the final presentation of the student projects.
- **Social Media:** Students are required to post their project progress on LinkedIn and make a second LinkedIn post upon project completion.

3. Outcomes and Opportunities

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- **Retention of Equipment:** If Drona Aviation deems the work satisfactory, they may offer the student teams the opportunity to keep the Pluto drones used during the project.
- **Job Offers:** Based on the quality and impact of the work, Drona Aviation may offer job positions to outstanding team members.

4. Duration and Termination

This MoU will be effective from the date of signing and will remain in force for a period of two (2) years from the date of signing.

5. Miscellaneous

- This agreement is the complete and final agreement between the parties. It replaces any previous agreements or understandings made before this date.
- Any amendments or modifications to this MoU must be in writing and signed by both parties.

7. Signatures

By signing below, both parties agree to the terms and conditions outlined in this MoU.

Drona Aviation

Signature: 

Name: Dinesh Sain (Co-founder)

Date: 20/07/2024

Mechatronics Engineering Department, Terna Engineering College

Signature: 

Name: Dr.L.K.Ragha (Principal)

Date: 23/07/2024

Signature: 

Name: Prof. Vikram Vyawahare (HOD)

Date: 23/07/2024

Signature: 

Name: Prof. Dattatray Shinde

Date: 23/07/2024

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MEMORANDUM OF UNDERSTANDING

(MoU)

Between

Absolute Motion Private Limited

And

*Department of Mechatronics Engineering
Terna Engineering College (TEC Nerul), Nerul*

Navi Mumbai - 400706.

*PRINCIPAL
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NERUL NAVI MUMBAI - 400 706.*



This agreement made and entered on this 16th day of Aug 2023 between TEC Nerul, Navi Mumbai and Absolute Motion Private Limited (Company)

1. OBJECTIVE OF MOU

- ❖ The objective of this memorandum of understanding is
- ❖ To promote interaction between Terna Engineering College, Nerul and Absolute Motion Private Limited in mutually beneficial areas.
- ❖ To provide formal basis of initiating interaction between TEC NERUL and Absolute Motion Private Limited.

2. PROPOSED MODES OF COLLABORATION

- ❖ TEC NERUL AND Absolute Motion Private Limited propose to collaborate through
- ❖ Conducting courses and workshop after mutual agreement on commercial terms & conditions for students of TEC NERUL on regular basis, through Prayas skill development programs.
- ❖ Guiding student projects/ faculty projects at TEC NERUL (Final year or research)
- ❖ Guiding R&D projects, which may be carried out wholly at TEC NERUL or at premises of COMPANY or partly at TEC NERUL and partly at COMPANY.
- ❖ Including selected TEC NERUL students in Prayas training and placement program, where students will be trained and then placed in core Industrial Automation/Robotics Industry.
- ❖ Any other appropriate mode of interaction agreed upon between TEC NERUL and COMPANY. Each of the above modes of interaction will be initiated by entering into a separate agreement between the two parties.

3. TECHNICAL AREAS OF COLLABORATION

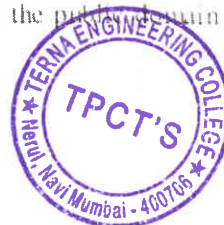
The Principal technical areas of collaboration between TEC NERUL and COMPANY will be as set out in Annexure A.

4. CONFIDENTIALITY

- ❖ The obligation above shall not extend to any confidential information for which the receiving party can prove that this information
- ❖ Is in public domain at the time of disclosure or comes within the public domain without fault of receiving party.
- ❖ Is already known or becomes known to the receiving party.

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- ❖ Is received from third party having no obligation of confidentiality to the disclosing party.
- ❖ Is independently developed by the receiving party.

5. NON – EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular research agreement the participants may agree to limit each party's right to collaborate with others on that subject.

6. TERMS AND TERMINATION

This MOU shall be valid for three (3) year from the date of its entering into and it may be mutually extended from time to time in writing by both institutes.

This MOU may be amended or terminated earlier by mutual written agreement of parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any research agreement. Confidentiality clause as referenced in clause 6 above, or any other agreement entered into pursuant to this MOU, shall survive which obligations shall survive any such termination.

7. RELATIONSHIP

Nothing in this MOU shall be construed to make either party an agent or legal representative of the other for any purpose.

8. ASSIGNMENT

It is understood by the Parties herein this MOU is based on the professional competence and expertise of each party and neither party shall transfer or assign this Agreement of rights or obligations arising hereunder either wholly or in part to any third party.

9. COSTS OF MOU

Each Party shall bear the respective costs of carrying out the obligation under this MOU.

10. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

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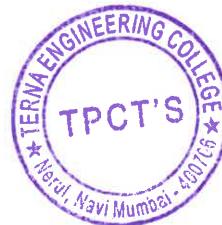
BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

ANNEXURE A


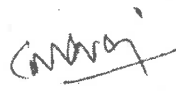
TECHNICAL AREAS OF COLLABORATION

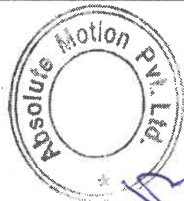
- ❖ Organizing workshops, seminars with joint participation of the faculty and the industries.
- ❖ Arranging visits of staff members to various industry
- ❖ Professional consultancy by faculty to industries.
- ❖ Industrial testing by the faculty & technicians in laboratories.
- ❖ Joint research programs and field studies by faculty and people from industries.
- ❖ Visits of faculty to industry for study and discussions or delivering lectures on subjects of mutual interest.
- ❖ Visits of industry executive and practicing engineers to the institute for seeing research work and laboratories, discussions and delivering lectures on industrial practices, trends and experiences.
- ❖ B.E. projects / dissertation work in industries under joint guidance of the faculty and experts from industry.
- ❖ Short term Assignment to faculty members in industries.
- ❖ Visiting faculty / professors from industries.
- ❖ Practical training of students in industries.


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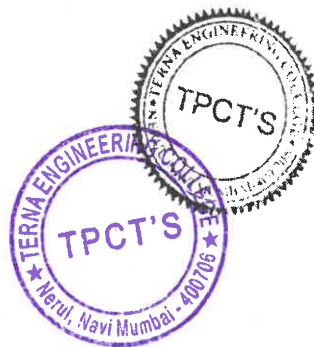


Absolute Motion Private Limited		Terna Engineering College / TEC Nerul	
Signature1		Signature1	
Name	Alistar DSilva	Name	Dr. L. K. Ragha
Designation	Director	Designation	Principal - TEC NERUL
Place	Bhandup, Mumbai	Place	Nerul, Navi Mumbai
Date		Date	
Signature2		Signature2	
Name	Sushil Mishra	Name	Prof. Vikram S. Vyawahare
Designation	Director	Designation	HOD Mechatronics - TEC Nerul
Place	Bhandup, Mumbai	Place	Nerul, Navi Mumbai
Date		Date	

Witness 1		Witness 1	
Name	Jignesh Gilda	Name	Mr. Manoj Kokate
Designation	Director	Designation	Management Coordinator
Place	Bhandup, Mumbai	Place	Nerul, Navi Mumbai
Date	20/3/2021	Date	
Witness 2		Witness 2	
Name		Name	
Designation		Designation	
Place		Place	
Date		Date	



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ma
A member of the ABB Group

B&R

A member of the ABB Group

MEMORANDUM OF UNDERSTANDING (MoU)

Between

B&R Industrial Automation Pvt. Ltd.

And

**Department of Mechatronics Engineering
Terna Engineering College
Mumbai University**

**Plot No. 12, Sector-22, Opp. Nerul Railway Station, Phase-II,
Nerul (W), Navi Mumbai 400706.**


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Law

INTRODUCTION

This memorandum of understanding (MoU) is entered into on 01/12/2023 between the **B&R Industrial Automation Pvt. Ltd.** herein referred to as **B&R** and **Terna Engineering College**, Nerul Navi Mumbai herein after referred to as **TEC**.

PREAMBLE

B&R is a world-leading manufacturer of automation equipment. The global Head Quarters of the company is situated in Austria. B&R India head office is in Pune. B&R has a policy to work closely with educational institutions to promote the study of application of automation among students of various disciplines. B&R has ongoing collaborations with institutes in different countries in promoting the study of automation at academic level and in providing a forum for institution – industry interaction. B&R proposes such an interaction with TEC.

TEC, on their side, being a progressive institution wishing to provide quality value-addition to their students, are equally keen to enter such an interaction with B&R. Hon. Dr. Padmasinhaji Patil, a man with golden dreams & enthusiasm of converting dreams into reality, is the Founder President of the "Terna Public Charitable Trust" established on 30th Sep 1980, with a primary goal to provide educational and health services to all sections of society. Terna Engineering College is Established in 1991 has proven itself to be one of the finest technical institutions in Navi Mumbai region offering UG, PG and PhD programs. Terna Engineering College is the first state University Affiliated College to start UG course in Mechatronics in Mumbai / Maharashtra in 2014

Objective

The objective of this alliance is to promote interaction between TEC and B&R, in mutually beneficial areas and to maintain a strategic understanding between the two. The primary aim of this alliance is to support TEC in providing quality education to their students specifically in the field of automation.

- ✓ Prepare students for on latest technologies used in the industry by making them 'Industry Ready Engineers'.

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- TEC will have an opportunity to work on the latest technology developed by B&R
- B&R will have the Opportunity to get recognized by academic committees of college as one of the preferred companies for imparting training and skill development in latest technology.
- This alliance will help the faculty of TEC to be technically sound and establish Centre of Excellence in the field of Industrial Automation.
- B&R will deliver guest lectures to students at TEC, bringing real life experiences
- Opportunity for the faculty and students to attend conferences and seminars conducted by B&R.

Mutual benefits

- Availability of skilled students having knowledge on latest automation technology
- B&R Education Network department would like to understand the academic approach of TEC and give suggestions to incorporate industrial knowledge and practices.
- Knowledge enhancement of faculty in the field of Automation
- TEC can meet the demand of Industry by providing training to industry professionals.

Roles and responsibilities

B&R:

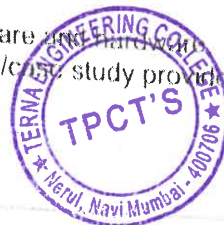
- Suggest equipment to TEC to setup lab-kits as-per mutual agreement.
- Identify and technically support projects and research work, which can be taken up by students and faculty of TEC.
- Provide training to the faculty as per regular schedule and give sample applications for their academic requirement.

Terna Engineering College:

- Encourage skilled students to participate in recruitment drive offered by B&R.
- Follow B&R guidelines that guarantee protection and confidentiality of B&R data
- Active participation of students in using B&R software
Recommended for faculty to incorporate examples/case study provided by B&R in the teaching methodology.

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- Maintaining the lab kits and upgrading as per the latest technology.
- College to provide data of all the activities conducted in an academic year related to B&R technology.

Official announcements

- Before using B&R logo for any purposes, a document of consent needs to be signed mutually.
- Department web page of TEC, to provide links to B&R website.
- B&R logo should appear prominently on the Web site of TEC.
- B&R can use college logo with prior consent from the college.

Steps

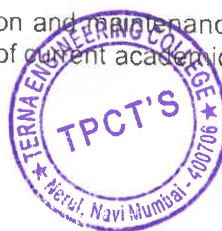
- a) The hardware will be made available to college by B&R in compliance with its policy for Institutions. The software will be developed jointly by B&R and faculty members of TEC.
- b) B&R will offer faculty training at B&R office as per regular schedule.
- c) Short-term workshops and seminars on innovative technologies to be conducted by B&R experts on invitation from TEC to motivate the students in various fields of automation.
- d) Designated faculty of TEC who is responsible for maintenance of lab-kits will be trained by B&R.

Action Points

1. MOU will be signed between B&R and TEC.
2. 2 Faculties will be trained by B&R in a 2-week Certified HOTA (Hands-on Training for Automation) on latest automation technology.
3. TEC will start the process for acquiring software license and hardware kits. (Software licenses need to be renewed every year)
4. TEC should initiate proposal for the up-gradation and maintenance of hardware and software as per the curriculum requirement of current academic year.

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5. Head of the Department of Mechatronics Engineering will be put on the mailing list for receiving B&R publications. Others also can be added on receiving a list from TEC. TEC shall take responsibility for upgrading and maintaining the list.
6. One point of contact from each side will be designated for the entire process. From B&R side, Ms. Soumya Kudgunti- Automation Engineer, Business Development – Education Network will be responsible; from TEC side Vikram S. Vyawahare, Assistant Professor and HOD will be responsible.
7. B&R Industrial Automation will conduct one seminar for students on latest trend in Automation Industry and brief them about the collaboration between B&R Industrial Automation and TEC.
8. Faculties, who had attended HOTA training needs to attend revision and up 01/12/2023 workshop conducted by B&R every year.
9. Training material will be provided by B&R to enhance the knowledge further.
- 10.2 Login ID for B&R websites will be provided to faculties to access the online tutorials available on website.
11. B&R will provide mentorship and technical support to the student for their projects.
12. B&R will try to arrange for Industrial visits for students depending on the availability.
13. TEC will provide all necessary data of students attending training on B&R platform.

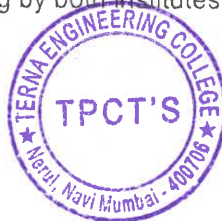
Disclaimer

It is agreed between the parties that the present MOU is being entered only for the purpose of promoting knowledge on industrial automation among the students and faculty. Neither B&R shall be under no liability to the college or its students or its faculty or anyone associated with the college nor TEC will have any liability to B&R except for lack of good faith and for obligations expressly assumed by both as hereunder. In carrying out the obligations, we both agree to act in good faith and without negligence.

Duration / Term of the MoU

This MoU shall be valid for two (2) year from the 01/12/2023 of its entering into and it may be mutually extended from time to time in writing by both institutes.

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Changes / Amendment

Additions, deletions and/or alterations to this MoU may be done with the written agreement of both the parties to this MoU.

CONTACT PERSONS

Soumya Kudgunti
Automation Engineer,
Business Development &
Education Network
Mob: +91 9741887589
Email: soumya.kudgunti@br-automation.com

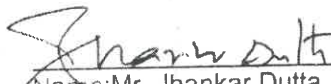
Vikram S. Vyawahare
Assistant Professor and HOD
Mechatronics Engineering Department
Mob: +919920424715
Email: vikramvyawahare@ternaengg.ac.in


B&R India Headquarters: Pune
8 Tara Heights
Mumbai - Pune Road - Wakdewadi
411003 Pune, India
Tel.: +91 20 4147 8999

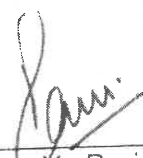
Terna Engineering College
Plot No 12, Sector-22 Opp. Nerul Railway
Station W, Phase II, Nerul, Navi Mumbai,
Maharashtra 400706.

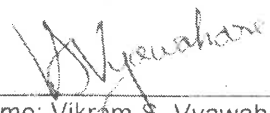
For and on behalf of:
B&R Industrial Automation Pvt. Ltd

For and on behalf of:
Terna Engineering College

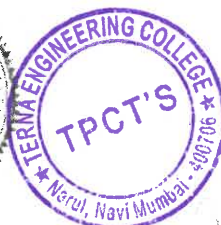

Name: Mr. Jhankar Dutta
Designation: Managing Director- India
Region


Name: Dr. L. K. Ragha
Designation: Principal


Name: Mr. Ravi Kumar Changia
Designation: Chief Financial Officer-
India Region


Name: Vikram S. Vyawahare
Designation: Assistant Professor and
HOD.


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TERNA PUBLIC CHARITABLE TRUST'S
TERNA ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to University of Mumbai)

Plot No. 12, Sector 22, Opposite Railway Station, Nerul (W), Navi Mumbai- 400706. Ph: +91 22 61115444, Fax No. +91 22 61115400
Web: <http://www.ternaengg.ac.in/>

ICT Honeywell CSR Training 2024-25

(Certification Course on Cybersecurity)


Duration: 100 hours of In-Class Training

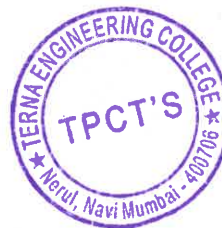
Venue: Library Reading Room

Time: 9 to 11 am & 3 to 5 pm

Commencement date: 6th January 2025

End date: 10th February 2025


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List of Students:

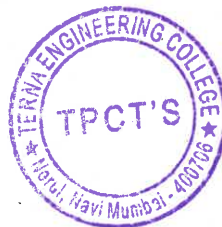
S.No	Student Name	Student Email	Ass_Taken	Responded_Questions	Percentage
1	Aastha Chaudhari	chaudhariaastha00@gmail.com	Yes	36	77
2	Aditi Yerra Amatolah	yerraaditi2122@ternaengg.ac.in	Yes	36	77
3	Bohra	amatbohra33@gmail.com	Yes	36	57
4	Amrita Pawar	amrita.pawar2802@gmail.com	Yes	36	70
5	Anagha Thakur	anagha.thakur14@gmail.com	Yes	36	80
6	Anjali Shinde	anjilishindee15@gmail.com	Yes	36	83
7	Anushka Jagtap	anushka.jagtap510@gmail.com	Yes	36	70
8	Anushree Idekar	idekaranushree2122@ternaengg.ac.in	Yes	36	83
9	Chetna Kapadnis	chetna.kapadnis2007@gmail.com	Yes	3	3
10	Devika Patil	devikapatil2003@gmail.com	Yes	36	80
11	Dhanashree Pawar	dhanashreepawar501@gmail.com	Yes	36	67
12	Divya Garse	garsedivya@gmail.com	Yes	36	83
13	Gayatri Gide	gayatrigide06@gmail.com	Yes	36	70
14	Harshada Shinde	harshu.shinde0705@gmail.com	Yes	36	80
15	Kashish Utekar	kashishutekar2122@ternaengg.ac.in	Yes	36	77
16	Kiran Mishra	mishrakiran2122@ternaengg.ac.in	Yes	36	87
17	Laxmi Lavate	lavatelaxmi2122@ternaengg.ac.in	Yes	36	77
18	Manasi Dalavi	manasidalavi2122@ternaengg.ac.in	Yes	36	87
19	Mansi Shah	shahmansi2122@ternaengg.ac.in	Yes	36	50
20	NAMRATA DHANDE	namratadhande01@gmail.com	Yes	36	57
21	Neha Kajrolkar	nehakajrolkar2122@ternaengg.ac.in	Yes	36	50

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NERUL NAVI MUMBAI - 400 706.




22	Mansi		Yes		
23	MUSHA		Yes	36	73
24	MUSHA		Yes	36	80
25	Pranjali		Yes	36	57
26	Pranjali		Yes	36	73
27	MANJALI		Yes	36	53
28	PRIVANKA		Yes	36	—
29	Verma		Yes	36	80
30	Rasheshwari		Yes	36	80
31	Riya Lokhande		Yes	24	57
32	SAKSHI JAWALE		Yes	36	57
33	Sakshi Kamble		Yes	36	73
34	Sakshi Naik		Yes	36	73
35	Sakshi Patil		Yes	36	80
36	SAKSHI SHINDE		Yes	36	73
37	Samruddhi Bansode		Yes	36	67
38	SAMRUDDHI PANCHAL		Yes	36	60
39	Sana Kazi		Yes	36	63
40	Sanika Thakur		Yes	36	63
41	Sasha Ghadigaonkar		Yes	36	57
42	Sejal Desai		Yes	36	83
43	Sejal Kokane		Yes	36	87

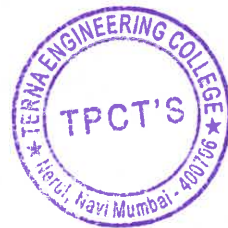

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TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



44	SHALAKA KOTHARI	kotharishalaka2122@ternaengg.ac.in	Yes	36	47
45	Shloka Gurav	shlokagurav2223@ternaengg.ac.in	Yes	19	50
46	Shraddha Kadam	kadamshraddha2122@ternaengg.ac.in	Yes	36	67
47	Shraddha Kedar	kedarshraddha2122@ternaengg.ac.in	Yes	36	57
48	SHRAVANI GUNDAYE	shravanigundaye03@gmail.com	Yes	36	70
49	Shreya Ghule	ghuleshreya31@gmail.com	Yes	36	80
50	Shriya Sable	shriyasable2223@ternaengg.ac.in	Yes	36	83
51	SHRUSHTI ADHAVE	shrushti1733@gmail.com	Yes	36	73
52	shubhangi Vanve	vanveshubhangi01@gmail.com	Yes	8	17
53	SIDDHI PAWAR	pawarsiddhi2122@ternaengg.ac.in	Yes	36	57
54	SIDDHI SONAR	Siddhi.sonar701@gmail.com	Yes	36	80
55	Snehal Borse	borsesnehal2122@ternaengg.ac.in	Yes	9	30
56	Tavishaa Jaiswal	tavishaajaiswall@gmail.com	Yes	36	67
57	Vaishnavi Shitre	shitrevaisnavi@gmail.com	Yes	36	83
58	Veenu Meena	veenumeeana1610@gmail.com	Yes	36	87

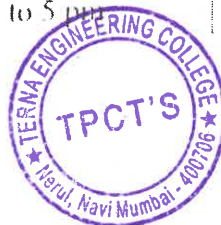

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

Schedule:






Sl No	Date	Day	Timing	Duration
1	06/01/2025	Monday	9 to 11 am 3 to 5 pm	4 hours
2	07/01/2025	Tuesday	9 to 11 am 3 to 5 pm	4 hours
3	08/01/2025	Wednesday	9 to 11 am 3 to 5 pm	4 hours
4	09/01/2025	Thursday	9 to 11 am 3 to 5 pm	4 hours
5	10/01/2025	Friday	9 to 11 am 3 to 5 pm	4 hours
6	13/01/2025	Monday	9 to 11 am 3 to 5 pm	4 hours
7	14/01/2025	Tuesday	9 to 11 am 3 to 5 pm	4 hours
8	15/01/2025	Wednesday	9 to 11 am 3 to 5 pm	4 hours
9	16/01/2025	Thursday	9 to 11 am 3 to 5 pm	4 hours
10	17/01/2025	Friday	9 to 11 am 3 to 5 pm	4 hours
11	20/01/2025	Monday	9 to 11 am 3 to 5 pm	4 hours
12	21/01/2025	Tuesday	9 to 11 am 3 to 5 pm	4 hours
13	22/01/2025	Wednesday	9 to 11 am 3 to 5 pm	4 hours
14	23/01/2025	Thursday	9 to 11 am 153 to 5 pm	4 hours
15	24/01/2025	Friday	9 to 11 am 3 to 5 pm	4 hours
16	27/01/2025	Monday	9 to 11 am 3 to 5 pm	4 hours
17	28/01/2025	Tuesday	9 to 11 am 3 to 5 pm	4 hours


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TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



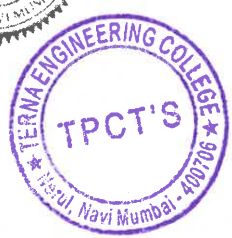
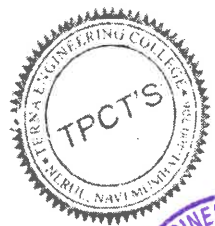
18	29/01/2025	Wednesday	9 to 11 am 3 to 5 pm	4 hours
19	30/01/2025	Thursday	9 to 11 am 3 to 5 pm	4 hours
20	31/01/2025	Friday	9 to 11 am 3 to 5 pm	4 hours
21	03/02/2025	Monday	9 to 11 am 3 to 5 pm	4 hours
22	04/02/2025	Tuesday	9 to 11 am 3 to 5 pm	4 hours
23	05/02/2025	Wednesday	9 to 11 am 3 to 5 pm	4 hours
24	06/02/2025	Thursday	9 to 11 am 3 to 5 pm	4 hours
25	07/02/2025	Friday	9 to 11 am 3 to 5 pm	4 hours
26	10/02/2025	Monday	9 to 11 am 3 to 5 pm	4 hours

 14/1/24
 14/1/24
 Saurabh Tejpal

 14/1/24
 DR L K RAGHA
 PRINCIPAL
PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.

- Copy to:
1. HoDs (COMP/IT/AIDS/EXTC/ETRX)
 2. T&P Coordinators (COMP/IT/AIDS/EXTC/ETRX)
 3. Office copy
 4. EST


PRINCIPAL
 TERNA ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 706.





BRICK & BYTE

To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Pratik Talawadekar,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

Yours sincerely,

(Mr. Santosh Bhojane)

HEAD - HR, Brick and Byte

Innovative Products Pvt. Ltd.)

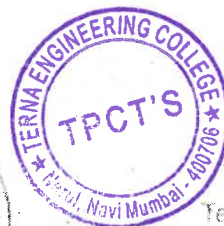
PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

R-102 TTC Industrial Estate,
MIDC, Rabale, Navi Mumbai,
Maharashtra, India - 400 701

Tel. No.: 8655298889
+91 99676 58708 / 05
CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Prof. Govindan K.

I am writing this letter to extend my appreciation towards for successful completion of "Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

Yours sincerely,

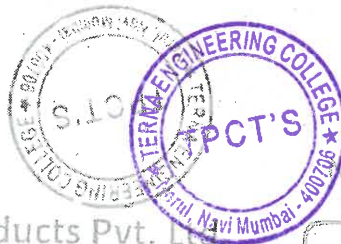
(Mr. Santosh Bhojane)



HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)

PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.



PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706

R-102 TTC Industrial Estate, Tel. No.: 8655298859
MIDC, Rabale, Navi Mumbai, +91 99676 58708 / 05
Maharashtra, India - 400 701 CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

Terna Engineering College,
Nerul, Navi Mumbai

Date : 31/07/2017

Brick and Byte
Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967653708

Dear Dr. Vaishali Khairnar, Preeti Narooka & Team,

We are pleased to confirm that you have been selected to work for Brick and Byte as IoT Project consultant. Please take a look at the summary of terms and conditions pertaining to your employment with us:

Responsibilities:

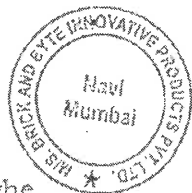
- 1) Design a New hardware for Transformer monitoring system
- 2) Focus on UI/UX of old sites and also develop new website for the project
- 3) Work on Predictive maintenance & Analytics.
- 4) Apply the same concepts for different fields and develop a new product.

Kindly confirm if you accept this job offer. If not accepted within 7 days, it will be construed that you are not interested in this employment and the offer will be automatically withdrawn.

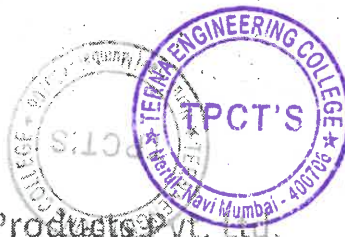
For any additional questions and clarifications, please feel free to contact me.

We hope you will consider the offer and we are awaiting any communication from your part.

Very truly yours,



PRINCIPAL
Mr. Sayesh Renghe
CTO, Brick and Byte
Terna Engineering College
NERUL NAVI MUMBAI - 400706
Brick and Byte Innovative Products Pvt. Ltd.



PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

R-102 TTC Industrial Estate, Tel. No.: 8655298889
MIDC, Rabale, Navi Mumbai, +91 99676 58708 / 05
Maharashtra, India - 400 701 CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Vignesh Amin,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

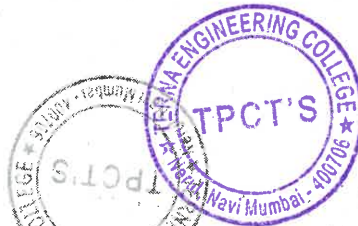
Yours sincerely,

(Mr. Santosh Bhojane)

HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)



PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

R-102 TTC Industrial Estate,
MIDC, Rabale, Navi Mumbai,
Maharashtra, India - 400 701

Tel. No.: 8655298829
+91 99676 58708 / 05
CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

To.

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From.

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Yukta Mehta,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-1 on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

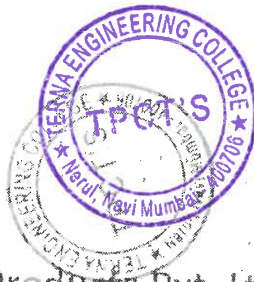
Yours sincerely,

(Mr. Santosh Bhojane)

HEAD - HR, Brick and Byte
Innovative Products Pvt. (Ltd.)



PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

R-102 TTC Industrial Estate, Tel. No.: 9655298889
MIDC, Rabale, Navi Mumbai, +91 99676 52708 / 05
Maharashtra, India - 400 701 CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Prof. Likhesh Kolhe,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

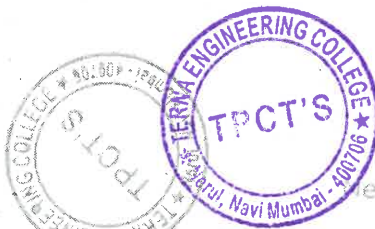
Yours sincerely,

(Mr. Santosh Bhojane)

HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)



PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

R-102 TTC Industrial Estate, Tel. No.: 8655298889
MIDC, Rabale, Navi Mumbai, +91 99676 58708 / 05
Maharashtra, India - 400 701 CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Prof. Preeti Narooka,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

Yours sincerely,

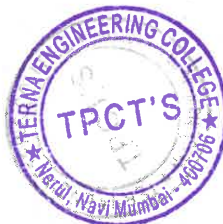
(Mr. Santosh Bhojraj)



HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)

PRINCIPAL

**TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.**



PRINCIPAL

Terna Engineering College
Nerul, Navi Mumbai - 400 706.

R-102 TTC Industrial Estate, Tel. No.: 8655298889
MIDC, Rabale, Navi Mumbai, +91 99676 58708 / 05
Maharashtra, India - 400 701 CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Dr. Vaishali Khairnar,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/03/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

Yours sincerely,

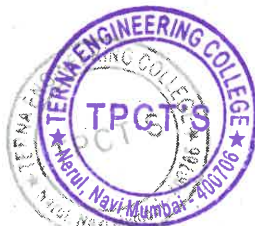
(Mr. Santosh Bhojane)

HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)



PRINCIPAL

TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706



PRINCIPAL

Terna Engineering College
Nerul, Navi Mumbai - 400 706

R-102 TTC Industrial Estate,
MIDC, Rabale, Navi Mumbai,
Maharashtra, India - 400 703

Tel. No.: 9655298839
+91 99676 58708 / 05
CIN: U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





BRICK & BYTE

To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai.
9967658708

Dear Sneha Keny,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

Yours sincerely,

(Mr. Santosh Bhojan)



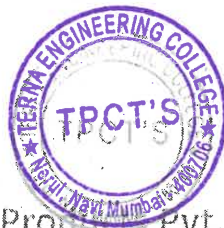
HEAD - HR, Brick and Byte

Innovative Products Pvt. Ltd.)

PRINCIPAL

TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.



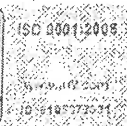
PRINCIPAL

Terna Engineering College
Nerul, Navi-Mumbai - 400 706.

R-102 TTC Industrial Estate,
MIDC, Rabale, Navi Mumbai,
Maharashtra, India - 400 701

Tel. No.: 8655298889
+91 99676 58708 / 05
CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708

Dear Prashanti Kasturi,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/03/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead.

Yours sincerely,

(Mr. Santosh Bhojane)



HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)

PRINCIPAL

TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

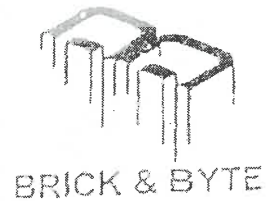


PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706.

R-102 TTC Industrial Estate, Tel. No.: 8655298889
MIDC, Rabale, Navi Mumbai, +91 99676 58708 / 05
Maharashtra, India - 400 701 CIN : U74900MH2007PTCA17621B

Website: www.brickandbyte.in
Email: info@brickandbyte.in





To,

Terna Engineering College,
Nerul, Navi Mumbai

Date : 20/07/2018

From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708


Dear Shivam Mansukh,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

Yours sincerely,


(Mr. Santosh Bhojane)
HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)



PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706.


PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706

R-102 TTC Industrial Estate,
MIDC, Rabale, Navi Mumbai,
Maharashtra, India - 400 701

Tel. No.: 8655298829
+91 99676 58708 / 05
CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai,
9967658708


Dear Pratibha Surve,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

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Wishing you all the best and good luck ahead.

Yours sincerely,


(Mr. Santosh Bhojane)
HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)

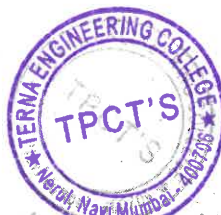


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

R-102 TTC Industrial Estate, Tel. No.: 8555298889
MIDC, Rabale, Navi Mumbai, +91 99676 58708 / 05
Maharashtra, India - 400 701 CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in





To,

Terna Engineering College,
Nerul, Navi Mumbai
Date : 20/07/2018
From,

Brick and Byte

Head Office
R-102,
TTC Industrial Area Rabale,
Navi Mumbai.
9967658708

Dear Mrunali Tatkare,

I am writing this letter to extend my appreciation towards for successful completion of Project "Transformer Monitoring using IOT" Phase-I on time and that too with great efficiency from 01/08/2017 to 31/06/2018. The fact and figures presented by you in the completion of this project is truly commendable. I really appreciate your efforts and professionalism by which you have completed the project well on time.

I, once again would like to thank you and congratulate you for your hard work and dedication. I wish that you continue your spirit in the upcoming projects also.

Wishing you all the best and good luck ahead,

Yours sincerely,

(Mr. Santosh Bhojraj)

HEAD - HR, Brick and Byte
Innovative Products Pvt. Ltd.)



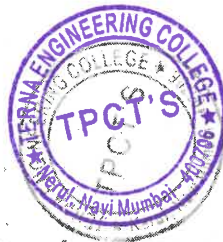
PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.

Brick and Byte Innovative Products Pvt. Ltd.

-102 TTC Industrial Estate,
MIDC, Rabale, Navi Mumbai,
Maharashtra, India - 400 701

Tel. No.: 8655298889
+91 99676 53708 / 05
CIN : U74900MH2007PTC176218

Website: www.brickandbyte.in
Email: info@brickandbyte.in



PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706

Memorandum of Understanding

Date: 18th Sep 2017

Texas Instruments Innovation Center (A partner of Texas Instruments India University Program)

1. Introduction

India has become a promising investment destination for foreign companies looking to do business here. Our Honorable Prime Minister of India Shri Narendra Modi has launched the 'Make in India' initiative with the aim to give the Indian economy global recognition. This initiative is expected to spur development, economical growth and thereby improving the living standard of Indian Citizen.

Engineering education has to play very important role in providing huge pool of skilled and knowledgeable, and industry ready engineers. The future success of Indian industry depends on the growth of quality engineering education in India, especially since Indian industry is competing globally in areas such as software and hardware electronics, automobiles, pharmaceutical, chemicals, engineering equipment etc. In India, the brightest students opt for engineering after the 12th standard. This has resulted in a spurt of engineering colleges. However, the reality is that only a very small percentage of these students are readily employable (@25% or less as per the survey by Nasscom) and most lack industry specific skills. In order to bridge this gap between the academia and the industry and to ensure ready deployment in regular work streams, structured industry specific training is necessary.

2. Brief Introduction about EdGate Technologies Private limited

EdGate Technologies Private Limited are Texas Instruments India University Program Partners. EdGate has an extensive presence all over the country and well established connectivity within the Academic and corporate communities. Our aim is to reach out to the Corporate, educators and the engineering student community to help them achieve more in their research and their learning initiatives.

Services offered to Universities under Texas Instruments India University Program

- Presales Guidelines
- Sales and Continuous Post Sales support
- Installation and Training
- Train the Trainer Program (Customized)
- Seminar/Workshop (Customized)
- Faculty Development programs (Customized).

EdGate has setup Texas Instruments Labs in various Engineering colleges across India. EdGate has signed 100+ MOU's and 10 TIIC's with Engineering colleges under Texas Instruments University Program

EdGate Technologies provide a whole range of services by leveraging its business expertise by strategic alliances with leading technology providers & are Sole authorized distributors of following Partner.

(This is a copy of the
PRINCIPAL (Signature)
TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706.
19/2/17



(In-Charge, T.I. Innovation Center)
TEC

PRINCIPAL (Signature)
TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706.

- o Mango Communication, USA : Mango has its roots in the Rice University Wireless Open-Access Research Platform (WARP) project, originally an NSF-funded research project that has grown into a self-sustaining open-source wireless research platform.
- o SoftDB, Canada (Texas Instruments – Third party developer)
- o Technosoftmotion, Switzerland (Texas Instruments – Third party developer)
- o Next Dimension Technology, Korea (Texas Instruments – Third party developer)
- o Rowley Associates, United Kingdom
- o Embest Technology Co Ltd, China (Texas Instruments – Third party developer)
- o Zeeis, China (Texas Instruments – Third party developer)
- o Link Research, USA (Texas Instruments – Third party developer)

Texas Instruments University Program

The TI University Program is the intersection between TI technology, educators and the engineers of tomorrow. Our advanced analog and embedded processing technologies fuel the passions of students and educators in university labs worldwide. Established in 1982, the TI University Program is a global program dedicated to supporting educators, researchers and students in facilitating the inclusion of TI analog and embedded processing in engineering classrooms, teaching and research labs, textbooks, design projects and course curriculum. By building relationships with educators, TI works to bridge the gap between the business and academic world. Incorporating TI technology into curriculum provides educators with the ability to teach real world concepts and complement this with a unique hands-on learning experience utilizing TI tools, making it more exciting, relevant and valuable to the student.

Working with TI increases the knowledge base of future engineers so they interact with industry-standard technology before they graduate. TI helps develop the skills needed to tackle tomorrow's most challenging problems. By providing students access to the largest and most advanced analog and embedded processing portfolio, the TI University Program provides the tools necessary to inspire innovation and take engineering concepts from the book to the breadboard.

I. Contribution and Expectation of EdGate Technologies under Texas Instruments India University Program

EdGate Technologies has confirmed their support for setting up the Texas Instruments Innovation Center by donation of below tools. This will enable young students to learn, program and innovate on Analog System Design and Internet of Things (IoT).

Sr. No.	Item	Quantity
1	MSP430F5529 USB LaunchPad Evaluation Kit	4
2	SimpleLink Wi-Fi CC3200 LaunchPad	4
3	MSP 430 F5969 Launch Pad	4
4	MSP430 G2 Launch pad	5

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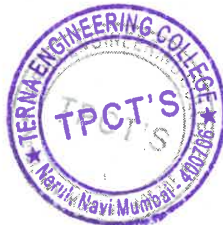
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5	Sensors: Sound Sensor 3-Axis Accelerometer Moisture Sensor Ultrasonic Sensor Electret Microphone Water Sensor Temperature Sensor Light Sensor	1 Each
5	Training to staff and students : Registration Material to all participants (CD's, Pens, Pads, Folders)- Internet facility is must for workshop	50-students/ 20 – faculty (3 Days for students)
6	TI Lab Poster and TI Lab Signage	

As on-ground deliverables, EdGate Technologies will provide the following:

- a) **Hardware & Curriculum:** EdGate will provide the Curriculum for Texas Instruments Labs (details in Annexure). Terna Engineering College should find ways to incorporate curriculum in their syllabus.
- b) **Lab Setup:** The College will set up a lab which will be entitled "Texas Instruments Innovation Lab" at its premises.
- c) **Faculty Development Program:** Terna Engineering College will organize at least one faculty development program in its premise for its faculty members and faculty members of other Indian engineering institutions to teach TI Platform. The College will provide the infrastructure facility for conducting the faculty development program. EdGate Technologies Pvt Limited will help the college in conducting this program.
- d) **Workshops/Events:** If the College wishes to organize a national event in the area of TI Platform, EdGate Technologies Pvt limited will provide speakers.
- e) **Training Programs:** EdGate Technologies Pvt Limited will assist the college in organizing training programs/tutorials on topics related to TI Platform. Faculty members from the college who have undergone train-the-trainer program and who are certified by EdGate Technologies Pvt Limited as trainers may run certified training programs. Terna Engineering College will provide certificates for the participants of such programs.
- f) **TI Lab Engagement Program:** EdGate Technologies Pvt. Limited will help the Terna Engineering College to get engaged into the TI Innovation Center Lab under this program over a period of 3 months at three different levels i.e., Basic, Intermediate and Advanced.

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2 a) Contribution from Terna Engineering College

Faculty Mentor: Qualified Faculty of Electronics & Communication Engineering, Instrumentation & Control Engineering, Biomedical Instrumentation, Computer Engineering, and information Technology (preferably with programming knowledge on C; C++) will be made point of contacts and will mentor interested students.

b) Terna Engineering College should set up lab based on Below:

Sr. No.	Item	Quantity	Approximate Cost
	Cost of Texas Instruments Innovation Center: Below items will be delivered	Below Package	3.50 LAKHS
1.	Analog Lab: A dedicated Lab focus on Teaching Analog signals		
A	ASLK PRO Kit	4	
2	Sensor Hub Booster Pack	2	
3.	Analog Attach MCU Labs (ARM): A secondary Element that attached to Micro controller Lab		
A	CC110L Booster pack	4	
B	TIVA Launchpad	10	
4.	Connectivity Attach Lab (Ultra Low Power Lab/Internet of Things Lab (IOT)) : A secondary Element that attached to Micro controller Lab Or stand alone solution focusing on connectivity		
A	Ez430RF-2500 MSP430 Wireless Development Tools	2	
B	MSP 430 G2 Launchpad	10	
C	SimpleLink Wi-Fi CC3100 BoosterPack	4	
D	SimpleLinkTM CC2650 Wireless MCU LaunchPad Kit	2	
5.	Training for Faculty	2 Days	
Terms and Conditions :			
1. Payment: 100% Payment after delivery of products .			
2. Warranty: 1 Year			
3. Validity: TIIC Agreement is Perpetual, Training is valid for one year only.			
4. Taxes: GST@18%			

a) Center Institute will identify and maintain Texas Instruments Innovation Center with at least 10 desktops / laptops on latest home/ office configuration.

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Essential components: Institute will make arrangement for other equipment required for setting up the lab and for the maintenance.



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- c) Financial: Institute will operate the center with the help of existing staff.

Terna Engineering College - Texas Instruments Innovation Center (TIIC)

EdGate Technologies, aimed at establishing a collaborative bridge between companies and colleges with the objective of making students in the Engineering Colleges and Schools have a greater hands on experience in technologies related to :-

- a. Embedded systems
- b. Ultra Low Power Applications
- c. Analog System Design
- d. Internet of Things (IOT)

These programs would go a long way to get the students hands on project experience in state of the art Micro-controller boards which are being developed by Texas Instruments. The experience will include hands on software and hardware skills which are highly desired by industry. These projects will provide an experiential appreciation of the latest technologies giving the students significant edge across multiple dimensions like, knowledge, enhanced employability, project experience, etc.

Terna Engineering College - TIIC will bring in the following core values:-

Colleges:

- Analog System Design Lab using ASLK PRO
- Ultra Low power Microcontroller Lab
- Internet of Things technology is based on the traditional Internet technology, development and extension, due to its extremely wide range of applications, involving almost all walks of life, and therefore in order to meet the needs of industry professionals, a growing number of colleges and universities applied for Internet of Things engineering professional, in teaching programs arranged in Internet of Things technology courses.
- Strong Branding and ability to attract better quality students
- Better ranking amongst the competition

Students:

- Exposure to state of the art technologies through hands on learning experience
- Better employability opportunities
- Showcase talent and innovation
- Participating in Texas Instruments Innovation Challenge. (If Texas Instruments conducts any contest centre will be connected with the same)

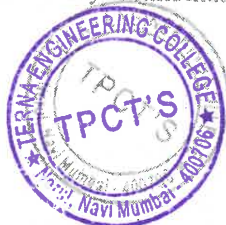
Vision forward

Texas Instruments hopes that once these Innovation centres are in place and running, If Texas Instruments conducts any contest centre will be connected with the same.

Restrictions and Obligations Governing the Use of Confidential Information and Materials

- a) Recipient shall not disclose any Confidential Information/Confidential Material, to third parties without the prior written authorization of the Company. Notwithstanding the foregoing, the Recipient shall not at any time disclose to any third party any Confidential Information/Confidential Material or any Confidential Information of any other party to

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whom the Company owes an obligation. However, the Recipient may disclose Confidential Information in accordance with judicial or other governmental orders, provided the Recipient shall give the Company reasonable notice, prior to such disclosure and shall comply with any applicable protective order or equivalent.

- b) The Recipient shall not use any Confidential Information or Confidential Materials of the Company for any purposes except those expressly contemplated hereby or as authorized by the Company.
- c) The Recipient shall take reasonable security precautions, which shall in any event be as great as the precautions it takes to protect its own confidential information, to keep secure the Confidential Information.
- d) Recipient agrees to segregate all such Confidential Materials from the confidential materials of others to prevent co-mingling.

Rights and Remedies

- a) Recipient shall notify the Company immediately upon discovery of any unauthorized use or disclosure of Confidential Information or Confidential Materials, or any other breach of this Agreement by Recipient, and will cooperate with the Company in every reasonable way to help the Company regain possession of the Confidential Information and/or Confidential Materials and prevent further unauthorized use or disclosure.

For Terna Engineering College


Principal.

For EdGate Technologies Pvt Limited

Director.


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TERNA ENGINEERING COLLEGE

Sector 22, Phase II, Opp Nerul Railway Station, Nerul (W)
 Navi Mumbai - 400706, 022 61115444 (30 lines)
 Direct - 61115418, Fax 61115400, email - store@terna.org

The following number must appear on all invoices, bills of lading, and acknowledgements relating to this PO:

PURCHASE ORDER NO:	TPC/TEC/2017
TO:	
EDGATE TECHNOLOGY PVT.LTD.	
68,1ST BLOCK,15 CROSS ROAD,RT NAGAR,	
BANGALURU-KARNATAKA-560032	

P.O. DATE	19.09.2017
F.O.B.	
SHIP VIA	
Name	MR.GURUPREET SINGH
E-mail	
Phone	080 23631166
FAX #	

Dear Sir /Madam,

We are pleased to place our firm order to supply following goods,subjected to terms and conditions mentioned below.Please,acknowledge.

QTY	UNIT	DESCRIPTION	UNIT PRICE	AMOUNT
04	UNIT	Texas Instruments Innovation Center: Below Items will be delivered Below Package		
02		1. Analog Lab: A dedicated Lab focus on Teaching Analog signals		
		A. ASLK PRO Kit 4		
		2. Sensor Hub Booster Pack 2		
04		3. Analog Attach MCU Labs (ARM): A secondary Element that attached to Micro controller Lab		
10		A CC110L Booster pack 4		
		B TIVZ. Launchpad 10		
		4. Connectivity Attach Lab (Ultra Low Power Lab/Internet of Things Lab (IIOT)) :A secondary Element that attached to Micro controller Lab Or stand alone solution focusing on connectivity	350000.00	350000.00
02		A Ez430RF-2500 MSP430 Wireless Development Tools 2		
10		B MSP 430 G2 Launchpad 10		
04	C SimpleLink Wi-Fi CC3100 BoosterPack 4			
02	D SimpleLinkMCC265U Wireless MCU LaunchPad Kit 2			
02	S. Training for Faculty 2 Days			
			subtotal - 1.	350,000.00
			Transport -NA	0.00
			subtotal - 2.	350,000.00
			SERVICE TAX NA.	0.00
			GST TAX ADD-28 % :-	0.00
			GST TAX ADD-18 % :-	63,000.00
			OCTROI /CESS NA	0.00
			Transportation Charges	0.00
			subtotal - 3.	413,000.00
SHIP & BILL TO:		TERNA ENGINEERING COLLEGE	IN Words Rs.	Four Lac Thirteen Thousand Only
Taxes /Duties		As above GST Tax,Inclusive of all taxes		0
Payment Terms		100 % Against Delivery 30 days	Yes/No	0
Delivery Period		1/2 days	Warranty	One Year
Delivery Charges		Free Delivery	Service	One Year

Prepared by - *[Signature]*
 Recommended by - Head of Dept
[Signature]

Reviewed by
[Signature]
 Principal

Approved by - Terna Public Charitable Trust

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TERNA ENGINEERING COLLEGE

A Graded An ISO 9001 Institution

(Approved by AICTE & Affiliated to University of Mumbai)

Plot No. 1, Sector 22, Opposite Railway Station, Nerul (W), Navi Mumbai - 400706, Ph. +91 22 61115444, Fax: +91 22 61115400
Web: www.terna.edu.in | mail: info@terna.org

Ref. No./tec/office/2017-18/422

Date: 01.11.17

Acknowledgement letter for Setup of TI Innovation Lab

To,
M/s EdGate Technologies Pvt Limited,
#58/55, Cross 12, block
P.T. Nagar, Bangalore - 560032

Sub: TI Innovation Lab setup

Dear Sir,

On behalf of Terna Engineering College, Nerul, Vijaypal Yadav acknowledge that COMPANY has helped in setting up TI Innovation Lab on Connectivity attached, Analog Attached, IOT. We have purchased kits as per the description given in following table.

SNO	Name or Description of the kit	Quantity
1	MSP430F5529	5
2	Analog PRO1	4
3	MSP430F5969	4
4	MSP430G2 Launch pad	15
5	CC100 Booster pack	10
6	TI VA Launch pad	10
7	CC100RF-2500	2
8	Launch CC2640R2	3
9	CC100 Booster Pack	3
10	BOOSTXL-SHNSH0B	3
11	LAUNCHXL-CC1350EU	2

Thank you,

(Vijaypal Yadav)
Mr. Vijaypal Yadav
Asst. Prof. Electronics & Tele. Department
Terna Engineering College, Nerul



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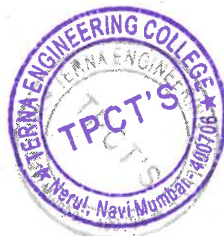
TEXAS INSTRUMENTS INNOVATION CENTER LAB ENGAGEMENT PROGRAM		
DURATION: 3 MONTHS		
FROM: AUGUST 2017		TO: OCTOBER 2017
LEVELS		
BASIC	INTERMEDIATE	ADVANCED
→Tools overview	→Peripheral programming	→Understand communication interfaces
→Ability to work with software & hardware	→Familiarity with interfacing sensors, displays, motor	→Insights on Mini Project Design
→Familiarity with Resources	→Getting introduced to efficient programming method	→Ability to interconnect modules
1 month	1 month	1 month

TI Technologies	
1. Analog Design ASLK PRO	
2. MSP430G2553 LaunchPad + CC110L BoosterPack	
3. MSP430F5529 LaunchPad	
4. MSP430FR5969 LaunchPad	
5. Tiva-c LaunchPad+SensHub BoosterPack	
6. Internet of Things: Tiva LaunchPad+CC3100 BoosterPack, CC3200 LaunchPad	

Guidelines:

1. This program is for colleges who have set up TIIC Lab at their campuses.
2. The motive of this program is to engage students and teaching communities in colleges to achieve maximum benefits from TIIC Labs.
3. The college shall appoint one Faculty coordinator & one student coordinator for effective implementation of the program.
4. This program shall contain a series of assignments for the students to work on. The problems along with resource materials shall be shared during the first week of every month. The participants are expected to finish the assignments and submit the report to the faculty coordinator by the end of the month. Solutions to assignments shall be shared with the faculty coordinator. The assignments shall involve both theoretical concepts and lab sessions.
5. The faculty coordinator shall make sure that the students are completing the tasks & assignments as per the deadline.
6. EdGate Technologies shall make sure that the tasks and assignments are designed in a simple yet effective manner so as not to burden the participating students with the work load.
7. The students are free to choose to work on any of the TI Technologies mentioned in the table above as per his/her interest.
8. The program shall be divided into 3 categories: Basic, Intermediate and Advanced focusing on a specific goal as per the table. Each of these requires 1 month to be accomplished.
9. EdGate Technologies shall provide mentorship support to the students and not be engaged in full time support for project design or likewise.
10. The participating students are expected to work on the assignments as per the instructions and guidelines provided by EdGate Technologies.

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Memorandum

Of

Understanding

Between

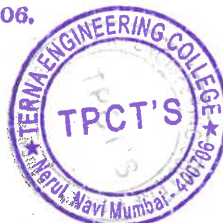
Phi Education Solutions Pvt. Ltd.

&

Terna Public Charitable Trust's
Terna Engineering College, Navi
Mumbai

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Phi Education
Only Skills Matter



Knowledge to Empower

1

Executive Summary

Memorandum of Understanding

Between Phi Education Solutions Pvt. Ltd.

And

Terna Public Charitable Trust's Terna Engineering College, Navi Mumbai

1.1 Context

This Memorandum of Understanding (MoU) is hereby entered into between Phi Education Solutions Private Limited, a company registered under Company Act 2013, India, Registered Office: A-66 Shreerang Society, Off LBS Marg, Thane (West) – 400601, Mumbai, Maharashtra India, hereinafter referred to as Phi Education & Terna Public Charitable Trust's Terna Engineering College, Navi Mumbai Plot-12, Sector-22, Nerul, Navi Mumbai, hereinafter referred to as Terna Engineering College, Nerul. Collectively all signatories of this MoU will be known as cooperators.

1.2 Purpose

The Purpose of this MoU is to formalize a relationship between the Terna Engineering College, Nerul and Phi Education for the purpose of, assisting TEC to develop an ecosystem for developing academic projects that fulfills the following criteria:

1. Create culture of project based learning
2. BE projects developed are industry relevant
3. Projects built by students enhances the skills of students and makes them more employable
4. Eliminates plagiarism
5. Develops a culture of innovation

1.3 Definitions, Problem and Objective

1.3.1 Definition:

Project: A work undertaken by a group of students (2 to 4) that has a defined goal that the students have to achieve.

Mini Project: A work undertaken by a student individually that has a defined goal which the student has to achieve.

Academic Project Support: Enhance the Quality and the Industry Skills required to complete the Academic Project.

Platform: The Learning Management System and online store of Phi Education is collectively referred as Platform.

Mentors: Industry Professionals from Phi Education, who will guide students in completing their mini project and project

Project Center/EPIC center: A laboratory/center with state of the art infrastructure and equipment which students can use to build/implement the projects

1.3.2 Objective:

Currently, majority of the final year engineering students either copy their BE project from previous years or purchase ready-made projects from the market. Hence, students cannot defend the work they have done during placement interviews eventually tarnishing the brand of Terna Engineering College, Nerul

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Knowledge to Empower

Terna Engineering College, Nerul is desirous of utilizing the expertise and experience of Phi Education for providing a holistic solution which will:

1. Ensure BE projects are built/implemented by students
2. Help students gain industry relevant skills
3. Eliminates plagiarism and use of ready-made projects
4. Develops a culture for innovation
5. Enhances the brand of the Terna Engineering College, Nerul
6. Improves scope of research work within Terna Engineering College, Nerul
7. Setup a state of the art Laboratory for innovative project work

1.4 Phi Education and Terna Engineering College, Nerul agree that:

1. Terna Engineering College, Nerul will use the existing Infrastructure to do projects which will be a Self-Learning Facility. This Facility will be called EPIC (Engineering Products/Projects Innovation Center)
2. Phi Education will facilitate for Industry relevant projects that students can work on. Head of departments from Terna Engineering College, Nerul shall approve the list of projects.
3. All 6th Semester students in a batch will be assigned their BE Project by mid of the 6th semester.
4. Terna Engineering College, Nerul will add in the academic calendar schedule of every
 - a. 6th semester student a compulsory 8 hours per week lab class.
 - b. 7th and 8th semester student a compulsory 16 hours per week lab class
 During this lab class students will work on their Academic project
5. Terna Engineering College, Nerul will appoint a Faculty Coordinator for each project
6. Phi Education will hold an initiation seminar for students of every batch.
7. Phi Education will ensure students do mini projects to gain skills required to do their designated BE project.
8. Terna Engineering College, Nerul may procure, the requisite project kits, if the project so require, from Phi Education.
9. Phi Education shall provide access to its Platform, Mentoring support, Evaluation and Certification support to students and to staff members authorized by Terna Engineering College, Nerul
10. Phi Education will keep Faculty Coordinators updated about progress of students
11. Phi Education will provide evaluation and certification to students on completion of projects

2 2.1 Contact Details :

Terna Engineering College, Nerul:

Phi Education:

Amol Chavan,
Director - Operations
Plot No. 12, Sector-22, Opp. Nerul
Railway Station, Phase-II, Nerul (W), Navi
Mumbai, Maharashtra 400706
Phone: +91 9892519215

Zainul Abedin Abbasi
Managing Director
Phi Education Solutions Pvt. Ltd.
A-65 Shreerang Society, Off LBS Marg
Thane (Wes) - 400601
Phone: +91 9022626744

3 3.1 Commencement /Expiration/Termination

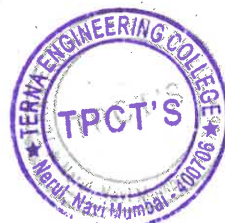
This MoU takes effect upon the signature of Phi Education and Terna Engineering College, Nerul.

This MoU will expire in Two Project Cycles subject to review/ evaluation and acceptance of Performance of Phi Education for the First Project Cycle. The Two Project Cycles are as follows:
Project Cycle 1: Beginning of Jan 2018 to End of March 2019
Project Cycle 2: Beginning of Jan 2019 to End of March 2020



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For any specific reason, the MOU can be terminated with a 60 (Sixty) days written notice of Termination by either party.

3.2 Methodology

Feedback: The Phi Education may take feedback of the students as and when they feel necessary. Terna Engineering College, Nerul will take feedback from students on regular basis and will inform Phi Education about the outcome of the feedback. The suggestions evolved out of this feedback will be acted upon by Phi Education, with mutual agreement.

3.3 Certificates and Awards.

Certificates will be provided by Phi Education and Terna Engineering College, Nerul to all participants. Successful candidates will receive a "Project Completion Certificate" signed by Phi Education. The Certificates will be issued by the Phi Education.

4 4.1 Terna Engineering College Students Personal Data and their Performance Data
The Terna Engineering College Students Personal Data and their Performance Data is very Confidential and should only be shared based on a mutual consent of Terna Public Charitable Trust (TPCT).

5 5.1 Fees

The fees charged by Phi Education for providing continuous mentoring, evaluation and access to the platform will be Rs. 30,00,000/- (Rupees Thirty Lakhs Only) per year.

This fee is exclusive of all taxes and any taxes as applicable by law will be charged extra

6 6.1 Payment Disbursement

Terna Engineering College, Nerul will pay the fees of Rs. 30,00,000/- (Rupees Thirty Lakhs only) in Twelve equal monthly installments of Rs. 2,50,000/- (Two Lakhs Fifty Thousand only) per month starting Invoicing from the month of Feb 2018 onwards.

The Payment of each Monthly Installment will be done based on the Deliverables associated as per the Annexure 1, attached herewith the MOU.

The Payment of the Current Month's installment will be done upon end/close of the current month and in the First week of the next month. (Payment by first week of the next month for the Previous month).



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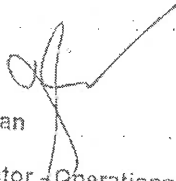
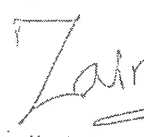





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Knowledge to Empower

Signatures:

<p>Authorized Signatory for Terna Engineering College, Nerul</p>  <p>Name: Arno Chavan Designation: Director - Operations Date:</p>	<p>Authorized signatory for Phi Education</p>   <p>Name: Zainul Abedin Abbasi Designation: Managing Director Date:</p>
<p>Witnesses</p>	
<p>Name: Lakshimappa Ragha Principal, Terna Engineering College, Nerul</p>  <p>Sign</p>	<p>Name: Rushabh Nisar Designation: VP - Sales & Operations</p> <p>For: <u>Y. S. Desai</u></p> <p>Sign</p>


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Annexure 1 to MOU

List of Deliverables and Timelines

Sr. No.	Particulars	Timelines
1.	Introduction to EPIC – Lecture	FEB'18 – Week 1
2.	Project List to Student	FEB'18 – Week 2
3.	Project Selection & Group Formations	FEB'18 – Week 3
4.	Access to Phi LMS	FEB'18 – Week 3
5.	Intro. Lectures to LMS & Learning Courses	FEB'18 – Week 4
6.	Commencement of Lab Session by Phi trainers	March'18 – Week 1 Onwards(14 Weeks)
7.	Completion of Module 1 -	Completed by June – Week 2
8.	Procurement List for Lab Equipment for Selected Projects	April' 18 – Week 4
9.	Project Break Down Structure to Groups (Project Planning & Initiation of BE Project)	June'18 – Week 2
10.	Access to project wise learning Modules	June'18 – Week 3
11.	Completion of Learning Module 2 (Varies project by project)	Aug, 18 – Week 2
12.	Completion of Learning Module 3 or 4 (Varies project to project)	Oct, 18 – Week 2
13.	Submission of partially completed project as per university guidelines (SEM 7)	Oct, 18 – Week 3

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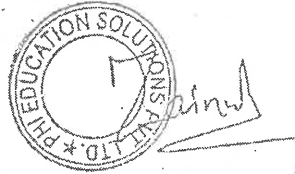
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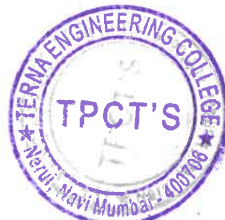
14.	Execution of remaining BE Project	Jan'19 – Week 1
15.	Completion of Final BE Project	April'19 – Week 1

- This is a Macro level Plan for the progress of project based learning modules and final BE Project for students.
- Phi shall update the progress status on weekly basis to the EPIC Coordinators and implement necessary changes mutually agreed upon.
- There shall be one Meeting per month with the Management of Phi and Management of TEC for reviewing status and progress of the projects.

Note: Here Week x means the time when the batch of students attend their respective lab class as per schedule.



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NIMAP INFOTECH LLP
TRUST TO LEAD THE FUTURE

Nimap Infotech LLP

F-19, Poon Estate, Sant Savta Marg No.1, Opposite Union Bank of India,
Mustafa Bazar, Mazgaon, Mumbai - 400 010

Regd. : B-264, Poojapuri/Apts, Lower Lane, Mazgaon, Mumbai - 400010, India

Tel : +91 22 23712314

Mobile : +91 9819312731

+91 9920974060

CIN No. - AAC-2386
info@nimapinfotech.com

Memorandum Of Understanding

This Memorandum Of Understanding ("MOU") dated 01/07/2017, is executed by and between Nimap Infotech LLP- (hereinafter referred to as NIMAP) having its corporate office situated at 316, Adhyaru Industrial Estate, Sun Mills Compound, Lower Parel, Mumbai, Maharashtra, India and Terna Engineering College (hereinafter referred to as TERNA) having its registered office situated Nerul, Navi Mumbai, India pursuant to the Memorandum Of Understanding & Non-Disclosure Agreement dated 01/07/2017 executed by and between NIMAP and TERNA and shall be deemed to be a part thereof. The services to be provided under this MOU are for Capacity and Expertise services as described in this MOU.

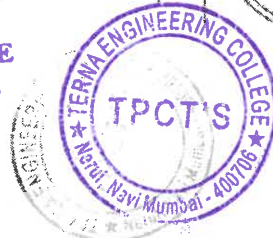
1. Description of Services:


1. NIMAP will provide industrial training to Third year Computer Science and Information Technology students of TERNA on industry driven subjects.
2. The entire training will be conducted as per the industrial expectations.
3. There will be 4 batches or classes divided as follows
 - 3.1 Computers Science will have 3 batches
 - 3.2 Information Technology will have 1 batch
4. Total 250 students will be divided among above mentioned batches.
5. In Semester 5 NIMAP be delivering Android Apps Development training.
6. In Semester 6 NIMAP be delivering Dot Net training.
7. There will one session of 4 hours with each Class. In other word one session per week per class
8. NIMAP will have 10 weeks of course for each Class total of 40 hours course for each Semester.

Assumptions:

TERNA will utilize the team allocated by NIMAP, for developing the skills of their students.


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PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706





NIMAP INFOTECH LLP
FOCUS TO REDEFINE

Nimap Infotech LLP

F-12, Prem Estate, Sani Savta Marg No. 1, Opposite Union Bank of India,
Mustafa Bazar, Mazgaon, Mumbai - 400 010

Regd. : B-20A, Jawahar Apts, Love Line, Mazgaon, Mumbai - 400010, India

Tel : +91 22 23712515

Mob : +91 9819312721

+91 9220977030

CIN No. : AAC-2399
info@nimapinfotech.com

TERNA will utilize as best required by TERNA the capability and expertise provided by NIMAP.

Work location will be TERNA offices as per current state of work.

Capacity plan is based on the understanding of allocation on a part time basis to TERNA requirements

TERNA will manage the leave and other HR related activities of the team

Deliverables:

Industrial training mentioned in the Description of Services section are the primary deliverables

NIMAP will increase student efficiency 20% - 30%

NIMAP will ensure atleast there is 20% improve in the overall placement provided TERNA students follows the process set by the NIMAP and TERNA staff help NIMAP to set up the process.

NIMAP & TERNA will mutually create the process for checking the efficiency of the student.

Acceptance Criteria:

Student has to attend all the sessions of NIMAP

Student has to perform all the exercise provided by the NIMAP on time.

TERNA needs to ensure students are following processes set by the NIMAP

Term of MOU:

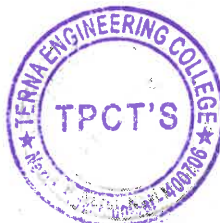
Start Date: Signoff on the MOU or Approval Mail on the MOU by both parties

The contract between TERNA and NIMAP will be for next 3 years.

Compensation:

The total contract in terms of payment will be 20 Lakhs INR

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NIMAP INFOTECH LLP
FOCUS TO EXCELLENCE

Nimap Infotech LLP

F-19, Prem Estab, Sant Savta Marg No.1, Opposite Union Bank of India,
Mustafa Bazar, Marvee, Mumbai - 400 010
CIN No. - AAC-2308
info@nimapinfotech.com

Regd. : B-204, Pawapuri Apts, Love Lane, Marvee, Mumbai - 400010, India
Tel : +91 22 23713314
Mob : +91 9812312721
+91 9720972820

The payment will be divided mutually into Company account where GST will be applicable. And remaining will be given into the Faculty account directly.

TERNA will make 2 Lakhs + GST as advance before starting of Semester. Remaining 2 Lakhs balance at the end of the Semester.

The individual trainer account payment will come monthly which will be divided into 3 months program payment.

The two Faculty will be Priyank T Ranka and Sagar M Nagda
Faculty will get 1 Lakh per month for 3 months as Faculty fees for the session per semester

This price is exclusive of any taxes, duties and third party software and materials. The above price also does not include any additional amount payable to NIMAP for any additional work or change requests outside the scope of this MOU as mutually agreed upon between TERNA and NIMAP in past or in future.

Location of Work

TERNA office in Navi Mumbai

Working Hours

NIMAP will conduct sessions on every Thursday and Friday 8 hours each day.

Time table will be provided by the TERNA before the Semester starts.


If any week the session does not happen due to any occasion or exams in TERNA than session needs to be extended by that many weeks.

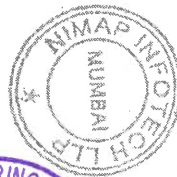
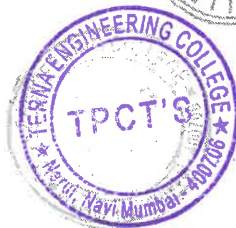
Termination

This contract will be terminated as per following norms

1. NIMAP will conduct feedback on monthly basis. If 50% and more student do not find the NIMAP services as per their expectation than NIMAP will have to stop their service immediately. Student who have 100% attendance will be considered for the feedback.
2. On event of Termination, NIMAP will only charge TERNA on per session basis till the time NIMAP did service in TERNA premises.

Other General Terms and Conditions


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NERUL, NAVI MUMBAI - 400 706.




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TERNA ENGINEERING COLLEGE
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NIMAP INFOTECH LLP
DESIGNERS TO REDEFINE

Nimap Infotech LLP

F-19, Prem Estate, Sant Sata Marg No.1, Opposite Union Bank of India,
 Mustafa Bazar, Mazgaon, Mumbai - 400 019

Regd. : B-204, Panchsari Apts, Love Lane, Mazgaon, Mumbai - 400010, India

Tel : +91 22 23712314

Mob: +91 9819312721

+91 9720977089

CIN No. - AAC-2388
 info@nimapinfotech.com

If any provision of this Agreement is rendered void, illegal, or unenforceable in any respect under any law, the validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired thereby and the invalidity or unenforceability of any term, phrase, clause, paragraph, restriction, covenant, agreement or other provisions hereof shall in no way affect or impair the legality, validity or enforcement of any other provision, or any part thereof. Should any provision of this Agreement be or become ineffective the Parties shall in good faith use reasonable endeavors to agree upon a new provision which shall as nearly as possible have the same commercial effect as the ineffective provision, to be substituted for the provision so found to be void or unenforceable.

The failure of any Party to insist, in one or more instances, upon strict performance of the obligations of this MOU Agreement, or to exercise any rights contained herein, shall not be construed as waiver, or relinquishment for the future, of such obligation or right, which shall remain and continue in full force and effect.

Any dispute or difference arising out of this Agreement shall be resolved through Arbitration. The sole Arbitrator, appointed by the NIMAP shall conduct such Arbitration. The venue shall be in MUMBAI. NIMAP has the right to file charges in law of court or any legal proceeding as suggested by the arbitrator for the recovery of the Lost Revenue/ Sales/ Loss of Client Data or other loss which may arise due to the breach of this agreement.

Any travel and lodging for NIMAP consultants (for out of Navi Mumbai travel, if any) related to this engagement will be borne by TERNAL

The invoices will be raised as per payment milestones mentioned above.

All payments are to be made by TERNAL within 4 days from the date of invoice

All charges quoted above are exclusive of any taxes, octroi, levies, and duties. These, if applicable, would be charged at actuals to TERNAL at the time of invoicing.

In the event of any delay in the payment of the invoice within the period stated above, TERNAL shall be liable to pay NIMAP monthly interest at 2% above the prime lending rate of State Bank of India on the amount due calculated from the date the payment became due till the actual date of payment in full with interest.

TERNAL will not hire into its employment services any NIMAP consultant for a period of 2 year post completion of the consultant's tenure at TERNAL.

PRINCIPAL
 TERNAL ENGINEERING COLLEGE
 NERUL NAVI MUMBAI - 400 708



[Handwritten Signature]

PRINCIPAL
 Terna Engineering College
 Nerul, Navi Mumbai - 400 708



NIMAP INFOTECH LLP
SOLUTIONS TO PROBLEMS

Nimap Infotech LLP

F-19, Prem Estate, 5th Floor, Malg No.1, Composite Union Bank of India
Mastani Bazar, Mazgaon, Mumbai - 400 010

Regd.: B-204, Pawanpuri Apts, Love Lane, Mazgaon, Mumbai - 400010, India

Tel : +91 22 23712314

Mob : +91 9819312721

+91 9920977020

CIN No. - AAC-2388

info@nimapinfotech.com

IN WITNESS WHEREOF, the Parties have executed this Memorandum Of Understanding by their undersigned duly authorized representatives on the date first above written:

Nimap Infotech LLP

By:

Priyanka Ranka

Name: Priyanka T Ranka

Title: CEO

TERNA Engineering College

By:

Dr. L. K. Ragha

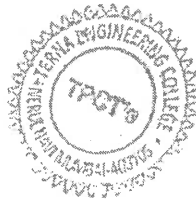
Name: Dr. L. K. Ragha

Title: PRINCIPAL

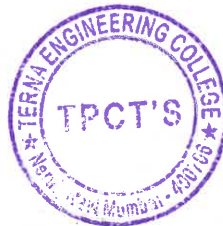
TERNA ENGINEERING COLLEGE

Nerul, Navi Mumbai - 400 706.

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Dr. L. K. Ragha
PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.



Dr. L. K. Ragha
PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706.

Regd. No. E-91, (Osmanabad) Dated 30-09-80

DTE INSTT.CODE : 3190

TERNA PUBLIC CHARITABLE TRUST'S

TERNA ENGINEERING COLLEGE

A Graded An ISO 9001 Institution

(Approved by AICTE & Affiliated to University of Mumbai)

Plot No. 12, Sector 22, Opposite Railway Station, Nerul (W), Navi Mumbai- 400706. Ph. +91 22 61115444, Fax No.+91 22 61115400
Web : www.terna.org, e-mail : principal@terna.org

Ref No: TEC/OFF/2018-19/

Date : 23/01/2019

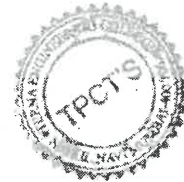
Memorandum of Understanding

Between

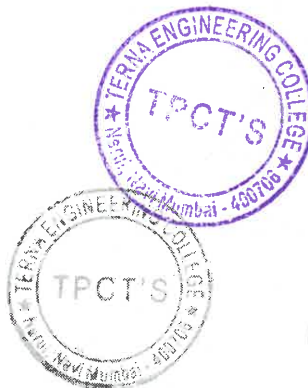
Centre of Excellence in Maritime & Shipbuilding (CEMS), Mumbai

And

Terna Engineering College (TEC), Navi Mumbai




PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.




PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706

This MOU is entered into on the 1st day of February, 2019 by and between;

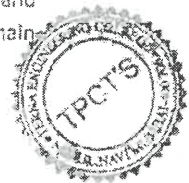
Centre of Excellence in Maritime & Shipbuilding (CEMS) was established as 'not for profit company' under Section 8 of the Indian Companies Act, 2013, "CEMS" a company promoted and operated by Indian Register of Shipping, having its registered office at 52A, Adi Shankaracharya Marg, Opp. Powai Lake, Powai,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

And

Terna Engineering College, established in the year 1991 having its administrative office at Plot No. - 12, Sector No. - 22, Opposite Nerul Railway Station (W), Maharashtra 400706, India, Represented by its Principal, a duly constituted authority. "Dr. L.K.Ragha" (which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and assigns) of the Second Part;

Preamble:

1. Centre of Excellence in Maritime and Shipbuilding is a well-funded start up in skill development for maritime and the ship building sector. It is promoted by Indian Register of Shipping, Sagarmala, Ministry of Shipping/ Govt of India along with M/s Siemens Industry Software (India) Private which has provided 87% funding support, to provide globally relevant skilled technical manpower in the latest manufacturing technologies in Maritime, Ship Building and Manufacturing sectors.
2. CEMS is a dedicated center for facilitating Professional development and skill enhancement in Maritime, Infrastructure and Manufacturing sectors. We aim to build competency in the field of maritime by imparting right skills and create skilled manpower pool to cater to current and future industrial landscape of the Country.
3. A world class Centre of Excellence has been established in Visakhapatnam and Mumbai which will run paid courses for domestic and international audience at - Basic, Intermediate and Advanced levels. These courses are designed and implemented by Siemens and its domain partners who provide the latest technical expertise in these areas.
4. CEMS Focus:
 - Qualitative improvements in Technical Education
 - Improvements in labs infrastructure by adopting latest open technologies in Engineering design, Manufacturing, Analysis and Management to serve the needs of targeted industries.
 - Train students in CAD, CAM, CAE, Advance Manufacturing and design to improve employability.
 - Facilitate the pursuit of career opportunities by up skilling of ITI's, Diploma Graduates, Under Graduates, Post Graduates, Research Scholars and working professionals
 - Enable technology adoption by Students and Faculties of the colleges through the State of the art Manufacturing and Digital technologies.



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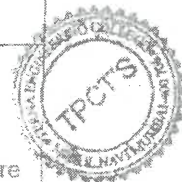
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- Create skilled manpower pool to cater to current and future industrial landscape of the region. Availability of trained workforce to attract industries to set up units in the coastal regions.
- Promote Industry – Academia partnership. Establish industry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

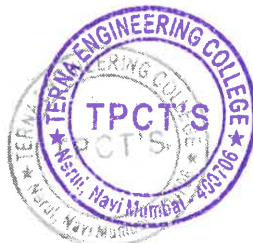


5. **CEMS Training Labs:** Following training labs have been set up at Mumbai/ Vizag as listed below

Sl No	LABS	Available (Centre)	at	Type
1	Product Design and Validation	Mumbai and Vizag		Software
2	Advanced Manufacturing			
3	Test and Optimization Lab			
4	Nesting- Productivity Improvement Lab			
5	Dimensional Accuracy Control System			
6	Hull Design			
7	Research Machine Shop	Vizag		Hardware
8	Automation			
9	Mechatronics			



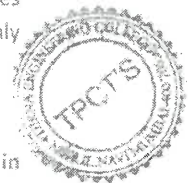
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10	Welding Technology		
11	Robotics		
12	Process Instrumentation		
13	Electrical		
14	Pneumatics & Hydraulics		
15	Virtual Reality		
16	Pumps Training System		
17	Piping Training System		
18	Radar System		

6. Terna Engineering College, established in the year 1991 at Nerul, Navi Mumbai with Engineering departments like Computer, Information Technology, Electronics, Electronics and Telecommunication, Mechanical, Mechatronics and Civil.
7. CEMS is launching its College Extension program to all Engineering Institutions & Colleges for their students and teaching staff. Under this College Extension program, CEMS will provide following facilities to the college on a non-exclusive basis at its Mumbai / Vizag Centre;
- Student Trainings on various technologies available at CEMS Centre's.
 - Train the Trainer program at CEMS Centres for Institute's teaching staff.
 - Availability of Labs for undertaking Industry Projects and experiments.
 - Internships as per AICTE guidelines at CEMS by participating institutes students
 - Teaching staff or research scholars of the participating institute can use-resources of CEMS for their thesis work.
 - All courses of CEMS shall be certified by Siemens and Indian Register of Shipping (IRS) and Indian Maritime University (Under Process of Approval).
 - Students and teaching staff of the participating institute can explore CEMS resources such as lab infrastructures, teaching staff, courses and its certification, and highly level industry relevant course materials & IP's.

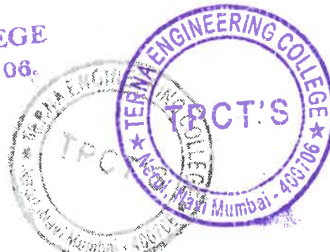


WHEREAS:

- In pursuant to Memorandum of Understanding signed between Centre of Excellence in Maritime and Shipbuilding (CEMS) and Terna Engineering College (TEC), this agreement is entered.
- To detail areas of cooperation between the parties in areas of academics, certification, student's allocation for undertaking certificate courses at CEMS, teaching & technical staff allocations for Train the Trainer (ToT) program.
- To fix TEC, Teaching Staff schedule for their trainings under Train the Trainer program (ToT) at CEMS. CEMS and the College shall mutually decide the schedule based on the availability of teaching staff and the lab infrastructure. ToT program will be free of cost to the teachers.

CEMS and TEC have mutually discussed and agreed to enter into this agreement as detailed hereinafter.

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Nerul, Navi Mumbai - 400 706.

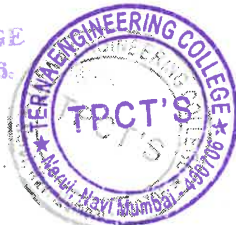
NOW THEREFORE, in consideration of the mutual promises contained herein and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

1. CEMS has invited TEC to participate under its "CEMS College Extension Program (CEP)".
2. Under CEMS CEP, participating college shall assign their regular students based on the student's specific interest to CEMS Mumbai/Vizag centre for stated period as per mutually decided timings.
3. The courses offered to the students are of three categories;
 - a. Basic / Foundation Level courses – Average study of 40 hours.
 - b. Intermediate / Master Level Courses – Average study of 70 hours.
 - c. Advance / Expert Level Courses – Average study of 100 hours.
4. The course fee for each of the course is charged based on per student per course basis. The following will be the course fee for each of the categories stated above;(Mentioned Fees is average indicative fees for 40 hours course)
 - a. Basic / Foundation Level courses – Rs.5,000 + GST per student per course.
 - b. Intermediate / Master Level Courses – Rs.7,500 + GST per student per course.
 - c. Advance / Expert Level Courses – Rs.10,000 + GST per student per course.
5. CEMS shall on its own can club few courses or modules as per the current industry needs and can make bigger or smaller duration courses to suite the academic needs containing elements from basic, intermediate or advance courses. Such courses and fee per student will be proportionate to duration of the course.
6. The participating college shall provide the students of its college as per the time table decided for the course enrolled by its students. The participating college will treat the time spent by its students at CEMS as regular attendance for its academic regulations.
7. CEMS shall take responsibility of the student's attendance for the time they are enrolled with CEMS.
8. The participating college shall provide its transport facility to students where every possible to attend to CEMS classes. Otherwise transportation will be responsibility of students.
9. The certification of the course undertaken at CEMS by the students will be governed by rules and regulations of Indian Maritime University (presently same is under approval). Only those students fulfilling all the rules and regulations of IMU will be awarded certification.
10. CEMS shall collect the course fee either directly or the participating institute can collect the fee and remit it to CEMS.
11. Apart from the Course Fee every student shall pay Rs.100 per course as examination fee which will be additional to the course fee. The examination fee charged will be transferred to IMU by CEMS; this fee may be periodically revised by IMU.
12. This MoU will have tenure of Three (3) years from the date of signing, after which a renewal MoU shall be signed extending the facilities mutually.

13. LIMITATION OF LIABILITY

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


PRINCIPAL
TERNA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 708.




PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 708.

14. DISPUTE RESOLUTION

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

15. UNCONTROLLABLE CIRCUMSTANCES

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

16. SEVERABILITY

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

17. GOVERNING LAW AND JURISDICTION

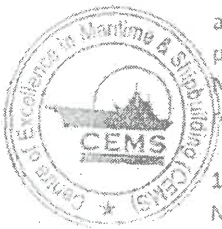
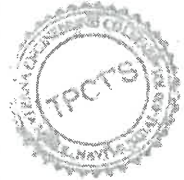
This Agreement shall be governed and construed in accordance with the laws of India and subject to the arbitration clause mentioned above, the courts of Mumbai shall have the jurisdiction to entertain any dispute or suit arising out of or in relation to this Agreement.

18. PUBLICITY

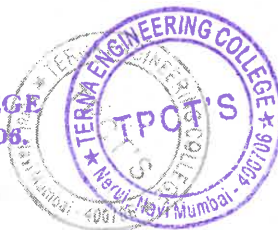
No parties shall make any public disclosure, except as may be required by applicable law, relating to discussions and or terms related to this Agreement, without obtaining the prior written consent of the other party. No party shall use and nor shall it let its employees, agents and subcontractors use the name, trademark or logo of other party in any sale, marketing publication, advertisement, or other publication without prior written permission of other party. No party shall make, or let its employees, agents or subcontractors make, any public statement relating to any other party.

19. MODIFICATION, AMENDMENT, SUPPLEMENT OR WAIVER

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




PRINCIPAL
TERMA ENGINEERING COLLEGE
NERUL NAVI MUMBAI - 400 706.




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TERMA ENGINEERING COLLEGE
NERUL, NAVI MUMBAI - 400 706.

20. ENTIRE AGREEMENT

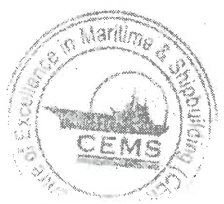
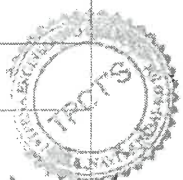
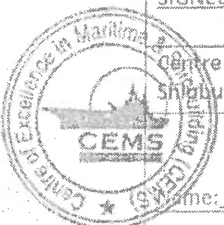
This Agreement together with all Appendices, Exhibits, Schedules, Attachments and Addenda, if any, attached hereto constitute the entire agreement between the parties and supersedes all previous agreements, promises, representations, understandings and negotiations, whether written or oral, between the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

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

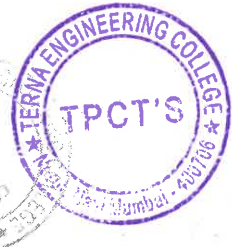
In witness hereof, the Centre of Excellence in Maritime & Shipbuilding (CEMS), and Terna Engineering College (TEC), have executed those presently in manner hereinafter mentioned on the 1st day of February 2019 at Nerul, Navi Mumbai.

SIGNED ON BEHALF OF	
Centre of Excellence in Maritime and Shipbuilding (CEMS)	Terna Engineering College (TEC)
Name: <i>Mehar</i>	Name: <i>Dr. L. K. Raghya</i>
Signature: <i>R. Abhinav Shekhar Mittal</i> <i>NM. IV (Pctd)</i>	Signature: <i>[Signature]</i> <i>24.01.2019</i>
Designation: <i>CEO - CEMS</i>	Designation: <i>Principal</i> PRINCIPAL
Witness	TERNA ENGINEERING COLLEGE Nerul, Navi Mumbai - 400 706
Name: <i>Ramesh yadav</i>	Name: <i>SAURAV DAS</i>
Signature: <i>[Signature]</i>	Signature: <i>[Signature]</i> <i>24.01.19</i>
Designation: <i>Manager - marketing</i>	Designation: <i>DEAN - IIPc / HEAD - TLP</i>

Training & Placement Officer
Terna Engineering College
Nerul, Navi Mumbai - 400 706



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NERUL NAVI MUMBAI - 400 706.



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Nerul, Navi Mumbai - 400 706

MEMORANDUM OF UNDERSTANDING

Between

PROLIFIC SYSTEMS & TECHNOLOGIES PVT.LTD.

And

TERNA ENGINEERING COLLEGE,NAVI MUMBAI

This Memorandum of Understanding (MOU) made and executed on this 28th March 2019 between of TERNA ENGINEERING COLLEGE, NAVI MUMBAI an education institution located at Nerul, Navi Mumbai represented by Dr. L. K Ragha, Principal herein after called TERNA ENGINEERING COLLEGE (Which expression shall include its successors and assigns) of the first part:

and

PROLIFIC SYSTEMS AND TECHNOLOGIES PVT. LTD., a company registered office at Plot No. A-267,Road No. 16A,Wagle Industrial Estate, Near ESIC Hospital, Thane(West) - 400601 and represented by, Mr. Yogesh Tare - Regional Manager(Mumbai), herein after referred to as Prolific, which term shall mean and include, unless repugnant to the context and meaning thereof, its Successors, legal representatives and assigns, of the other part:

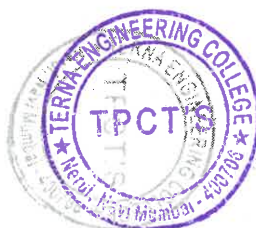
And whereas both TERNA ENGINEERING COLLEGE & Prolific have agreed to form a 'strategic Alliance' for providing a course to bridge the gap between university curriculum and industry requirements for placement of Mechatronics Engineering students for mutual benefit.


And whereas, on the faith and strength of such representation and warranty, both TERNA ENGINEERING COLEEGE and Prolific have agreed to enter in to this MOU as per the mutually agreed clauses as agreed below:

The details are as follows:

1. The training course leading to "Post Graduate Diploma In Industrial Automation"(FGDIA) for Terna Engineering College, BE Mechatronics ,Sem VIII students will have a stipulated duration of 225 hours.


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2. The course will commence from 28/03/2019 and will be conducted for 5 hrs/day on all Saturdays upto 21/04/ 2019 for BE Mechatronics students at Terna Engineering college Premises.
3. TERNA ENGINEERING COLLEGE shall provide (a) Computer lab with one computer per registered student (b) One classroom with projector at college for conducting the initial part of training program in college premises.
4. Prolific will carry the necessary hardware if it is not available with TERNA ENGINEERING COLLEGE.
5. The Remaining hrs of training will be conducted at Thane training facility of Prolific .
6. After successful completion of the training program, prolific will issue the certificate " Post Graduate Diploma in Industrial Automation" (Joint Certification of TERNA ENGINEERING COLLEGE & Prolific) to the students.
7. The travelling, lodging, boarding and local conveyance needs to be borne by students for the training to be conducted at Prolific Systems & Technologies Pvt. Ltd.
8. The training will be conducted at mutually convenient dates, and will be completed no later than 31 October 2019 .
9. Prolific assures that students will receive placements within 3 months after completion of course.
10. This MOU is valid for one year.

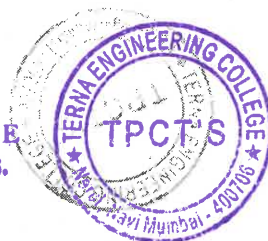
➤ **Placements:** Prolific assures 100% assistance to all the students who enroll for this PGDIA program.


❖ **Location of Placements :** Mumbai/All over India

❖ **Nature of Job:** Electrical Engineer, Automation Engineer, Trainee Engineer, Project Engineer, Maintenance Engineer, Service Engineer, Marketing Engineer, Customer Support Engineer, Techno Marketing Engineer, PLC Programmer.

❖ **Starting Salary:** The starting salary of the students who are going to be placed by Prolific will be minimum Rs. 10,000/ Month.


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- ❖ Interview: Prolific will arrange interview and will inform the students. The students will have to attend the interview without fail. Interviews will be arranged till a student gets his first offer letter from a company.

➤ **Training Fees**

- ❖ Rs. 25,000/- per student - applicable to a minimum batch size of 15 students and maximum 50 students.

- ❖ **Mode Of Payment**

Before commencement of batch - 60% before commencement of batch.

After Placements - 40% after placement of each individual.

By Cheque (Cheque should be issued in favor of Prolific Systems & Technologies Pvt. Ltd. payable at Mumbai)

➤ **Post Graduate Diploma in Industrial Automation, Topics to be covered**

- ❖ Introduction
- ❖ Basics of Electrical & Electronics
- ❖ PLCs - Allen Bradley, Siemens
- ❖ SCADA - Wonder.ware's InTouch
- ❖ AC Drives
- ❖ Panel Designing
- ❖ Induction - Mechanical engineering
- ❖ Instrumentation
- ❖ DCS - Yokogawa
- ❖ IOT
- ❖ Review & Practice Session for all topics
- ❖ AUTOCAD AND EPLAN Electrical

Authorized Representatives

Both parties here to declare that their duty authorized respective representatives shall executive this agreement.

For Prolific Systems & Technologies Pvt. Ltd.,

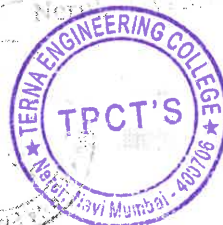
For TERNA ENGINEERING COLLEGE

Mr. Yogesh Tare
Regional Manager - Mumbai

Dr. L. K Ragha
Principal

28/03/2019

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1. Red Hat Academy Subscription. Red Hat Academy Subscriptions contain the following:

- (a) Authorization and access to, and use of, the Curriculum in accordance with the terms set forth herein. The Program Fee includes Curriculum and Fees for the initial two hundred (200) Students. Additional Student Curriculum access may be purchased on a per Student basis;
- (b) Exams and exam delivery are not included in the Red Hat Academy Subscription and may be purchased separately; and
- (c) A list of standard Course offerings in the Red Hat Academy Program is available from Red Hat or a Red Hat Academy Reseller.

2. Partner Requirements.


- (a) Partner is solely responsible for providing pre-requisite skills, assessing Student's suitability for use of the Course(s) and Curriculum, appropriate use of any Internet access, delivery of all instruction to Students, all grading and assessment of Students, and handling of all Student information.
- (b) Partner must notify Red Hat of the number of Students in each Course within one business day after the Course begins.
- (c) Partner will provide Students with access to Student software labs. Access to such labs may be purchased through a Red Hat Lab Partner, through a third party cloud hosting provider authorized to provide such software lab access, or may be provided by the Partner through its own resources.
- (d) Partner shall maintain at least one (1) Red Hat Certified Professional during the Appendix Term. Partner will notify Red Hat upon appointment or replacement of Red Hat Certified Professionals.

3. Red Hat Academy Subscription Fees. Partner shall pay the Program Fee, if applicable, annually, before the beginning of the Initial Term and each Renewal Term. Courses and additional services can be ordered by Partner from a Red Hat Academy Reseller. All Red Hat Services purchased during the Appendix Term must be used within each one (1) year Term in which it was purchased or such Red Hat Services shall be forfeited.


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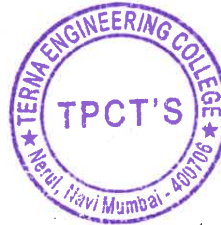
Red Hat Academy:



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**EXHIBIT C
RED HAT ACADEMY COURSES, AND ADDITIONAL SERVICES**



Red Hat Services

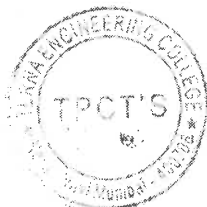
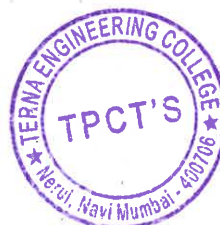
SKU	Title	Description	Price	Term
RHA100	Red Hat Academy Standard Program	Access for 200 students to approved Red Hat Academy courses	50	1 year
RHA101	Red Hat Academy Standard Program: Add-on Student	Access for 1 student to approved Red Hat Academy courses	50	1 year

Note 1: All Red Hat Academy Program services purchased during the Appendix Term must be used within each one (1) year Term in which it was purchased or such services shall be forfeited.

[Signature]
PRINCIPAL

TERNA ENGINEERING COLLEGE
Nerul, Navi Mumbai - 400 706.

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NERUL NAVI MUMBAI - 400 706.



[Signature]
PRINCIPAL
Terna Engineering College
Nerul, Navi Mumbai - 400 706.

00147 Regd. No. E-91, (Osmanabad) Dated 30-09-80

DTE INSTT.CODE : 3190

TERNA PUBLIC CHARITABLE TRUST'S

TERNA ENGINEERING COLLEGE

A Graded An ISO 9001 Institution

(Approved by AICTE & Affiliated to University of Mumbai)

Plot No. 12, Sector 22, Opposite Railway Station, Nerul (W), Navi Mumbai- 409706. Ph. +91 22 61115444, Fax No. +91 22 61115400
Web www.ternaengg.ac.in. e-mail : principal@terna.org

Ref. No. : TEC/Off/2019-20/632

Date: 26-12-2019

MEMORANDUM OF UNDERSTANDING

between

M/s SMC Corporation (India) Pvt Ltd

CIN - U74899DL1995PTC064419 and ~~U74899DL1995PTC064419~~

Head Off. A-4, Sector - 88, Noida - 201 305, U.P.

Ph : +91-120-4780222 (30 Lines)

And Branch Office : Unit No. - 611 to 615, 6th Floor, Plot No.-59,
Shree Nand Dham, C.B.D. Belapur, Sector-11, Navi Mumbai-400614

Tel: 022-27564455, 022-27571914

E-mail : mumbai@smcindia.in Website: <https://www.smc.in/>

TERNA ENGINEERING COLLEGE, NAVI MUMBAI

Address: Plot No. 12, Sector-22, Opp. Nerul Railway Station,

Phase-II, Nerul West, Navi Mumbai, Maharashtra 400 006

NAVI MUMBAI

Phone: 022 6111 5444

This Memorandum of Understanding ('MOU') is entered on 02/12/2019 at Navi Mumbai between M/s SMC Corporation (India) Pvt Ltd- (a 100% Subsidiary of SMC Corporation Japan), a company incorporated under the Companies Act, 1956 and having its Head Office at A-4, Sector - 88, Noida - 201 305, U.P. Ph : +91-120-4780222 (30 Lines) (hereinafter referred to as "SMC"); represented by the Company Secretary, Ms. Kiran Banga which expression shall unless repugnant to the context means and include its successors and assigns of the ONE PART.

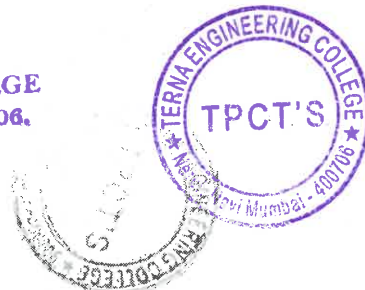
and

TERNA ENGINEERING COLLEGE, NAVI MUMBAI, (hereinafter referred to as "TEC Navi Mumbai"); a college of repute with all modern facilities functioning at Nerul Navi Mumbai. represented herein by college Principal, Dr. L. K. Ragha which expression shall unless repugnant to the context mean and include its successors and assigns of the OTHER PART.

The expressions "SMC" and "TEC Navi Mumbai" shall, wherever the context admits, mean and include their respective legal representatives, successors-in-interest and assignees and shall collectively be referred to as "Parties" and individually as "Party".

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WHEREAS

- A. SMC is engaged in supporting automation through the most advanced pneumatic technologies and providing applications of Mechatronic Systems and Pneumatic Control technology. SMC has a strong presence in automation process of core industries like Automotive and Machine Tool to diverse industries like Food Processing, Printing and Packaging.
- B. SMC has decided to be associated with Mechatronics Engineering Department of TEC Navi Mumbai to provide industry oriented training on Mechatronics and Internship assistance, on mutually agreed terms. The parties have had preliminary discussions in this matter and have ascertained areas of broad consensus. The parties now, have therefore, agreed to enter in writing these areas of consensus, under a Memorandum of Understanding.

Now this Memorandum of Understanding witnesses that:

1. OBJECTIVE OF THE MOU:

The objectives of the MOU are:

- To provide industry oriented training on mechatronics to students of TEC Navi Mumbai.
- To give insights from Industry perspective to assist in designing syllabus / curriculum for Automation related courses
- To promote and enhance academic interest between SMC as a part of Industry and institution interaction
- To promote research/continuing education activities between TEC NAVI MUMBAI & SMC.

2. TERMS OF MOU:

- SMC will train Mechatronics Engineering students of TEC Navi Mumbai on Industry relevant training at CBD Belapur facility, for 5 days per batch at a very special discounted Fee of Rs. 5000/- + 18% GST per candidate.
- Detailed syllabus is as below.


Day I: Instrumentation Technology

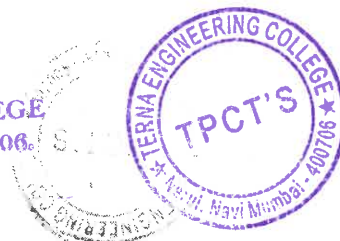
- Sensor technology
- Types of Sensor
- Sensor Control and Types
- Motor Types (Servo and Stepper Construction)
- Encoder (Absolute and Incremental)
- Servo motor and Stepper Motor control system


Day II: Pneumatic Technology

- Basics of Compressed air

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- FRL
- Types of Actuators
- Symbols and Functions of Valves
- Circuit Building and Sequence Control

Day III: Electro-Pneumatic Technology

- Relay Logic
- Electrical-ladder Diagram
- Interlocks
- Concept of PNP/NPN/Relay
- Analog & Digital Signals.
- Pressure Switch/Transmitter
- Flow Switch/Transmitter

Day IV : Interfacing of PLC

- Introduction to PLC
- NO/NC/rising Edge Pulse /Falling Edge Pulse
- Output – Coil /Set/Reset
- Timers
- Counters
- Interlocks & Latching



Day V: Hands on practical's

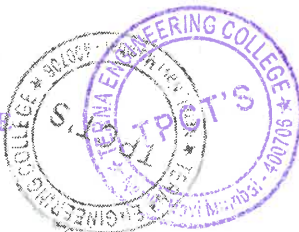
- Pneumatics – 3 Expts
- Electro-Pneumatics – 4 Expts
- PLC – 3 Expts

- Students will learn and do hands on training on real industrial components and systems.
- Course quorum may be 20 Candidates per batch and college will try to provide minimum 2 Batches per Year depending on student interest.
- SMC will train 2 Staff candidates in the same course free of cost.
- SMC will provide Industrial Internship of minimum 15 days to each student registered for this course in customer companies during college vacations.
- Subject to mutual consent of both SMC and TEC, NAVI MUMBAI, both parties may mention/publish the affiliation of SMC with TEC, NAVI MUMBAI which shall be limited to Intent of this MOU.

3. DURATION OF MOU:

This MOU, unless extended by mutual written consent of the parties, shall expire in 1 year from effective date. However, on review, the MOU shall be extended for another period as may be mutually agreed between the parties.



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4. SIGNED IN DUPLICATE:

This MOU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the parties, acting by their duly authorized officers, have caused this MOU to be executed, effective as of the day and year first above written.

On behalf of

On behalf of

**TERNA ENGINEERING COLLEGE,
NAVI MUMBAI**


SMC Corporation (India) Pvt Ltd


2/12
Dr. L. K. Ragha
Principal


Ms. Kiran Banga
Company Secretary & Authorized Signatory




Witness

→ 
22/12/2019
V. S. Vyazhane

→ 
Manoj




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