



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

Founder President Late Padmashri H. G. Vartak

(Approved by AICTE and Affiliated to the University of Mumbai)

Four Branches Permanently Affiliated by University of Mumbai

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K. T. Marg, Vasai Road (W), Dist. Palghar - 401202, Maharashtra.

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Department of Electronics and Telecommunication Engineering

7_Tropical Electronic Equipment
Company, Mumbai, Maharashtra
400101

NBA and NAAC accredited

No

Dated: 8th February 2023

Memorandum of Understanding

Between

Department of Electronics & Telecommunication Engineering of
Vidyavardhini's College of Engineering & Technology, Vasai Road,
Dist.- Palghar, (Mumbai University)

And

Tropical Electronic Equipment Co,
79-B, Balaji Industrial Estate, Hanuman Nagar,
Kandivali (E), Mumbai, Maharashtra 400101

**Department of Electronics & Telecommunication Engineering of
Vidyavardhini's College of Engineering & Technology, Vasai Road, Dist.-
Palghar (Mumbai University)**

Vidyavardhini's College of Engineering & Technology (VCET) was established in July 1994. The institute is affiliated to University of Mumbai for full-time four-year degree programs in Bachelor of Engineering in six disciplines, viz. Mechanical, Electronics & Telecommunication, Instrumentation, Computers, Information Technology and Civil Engineering. Vidyavardhini's College of Engineering & Technology, (VCET) Vasai is committed to enhance the knowledge of its various engineering departments and is engaged in imparting training and developing technical manpower in various front-line areas of importance and is also rapidly contributing to the scientific and technical knowledge professional developments and excellence in Engineering & technology by undertaking industrial applied research and consultancy.

The Department of Electronics and Telecommunication Engineering (EXTC) was established in the year 1994 with an intake 60 students and is known to provide best academic facilities across University of Mumbai. EXTC department is located on the 4th floor of the institute building. The department has 10 well equipped laboratories to cater the needs of practical exposure to the student. The Course is accredited by National Board of Accreditation (NBA), New Delhi w.e.f. from 2012 for three years. To make teaching learning more effective and interactive EXTC department regularly organizes workshops, training, expert lecture, Industrial visits and encourage students for collaborative and experiential learning.

AND

**Tropical Electronic Equipment Co,79-B, Balaji Industrial Estate, Hanuman
Nagar, Kandivali (E), Mumbai, Maharashtra 400101**

The Company has been started by its incumbent proprietor Y.P.Tripathi in 1980. By continuous R & D and product upgradation, have become one of the reputed manufacturers of Power Electronic Equipment for last 42 years. The company is an SSI registered unit from Maharashtra Govt and is located at Balaji Heavy Ind. Estate, Kandivali(E), Mumbai-400 101. Through continuous R & D, the company has developed and updated many types of electronic equipment for industrial applications.

All the products are under manufacturing range.

The company's fast-selling product is the APFC system. The company has designed, manufactured, and supplied numerous such systems ranging from 35 KVAR to 300 KVAR all over the country. It is a unique means of Energy Conservation. The System continuously monitors the PF of the Electrical Installation and corrects the PF of the System near Unity in a closed-loop feedback manner, which gets deteriorated due to reactive components of load current caused by Motors, Fluorescent lamps, Induction Furnaces and Air conditioners, etc by connecting the appropriate Capacitor Banks. The company also undertakes Energy Audit for Commercial & Industrial (Electrical Power)

Scope of MOU

- ❖ This MOU is executed between the **Department of Electronics & Telecommunication Engineering of Vidyavardhini's College of Engineering & Technology (VCET)** and **Tropical Electronic Equipment Co, Mumbai** to foster relations and promote and reinforce cooperation between the academic institution and the industry.
- ❖ The Memorandum signed will be the guiding document for both parties for planning and execution of the initiatives and actions. Both organizations will encourage its members to define the overall strategy and roadmap to carry out the action plans.

The Memorandum states that the two organizations will honor and do the following with mutual co-operation:


- 1) Sharing knowledge and capabilities in the concern areas for mutual benefits and become trusted partners in the area of knowledge enrichment.
- 2) Facilitate work from EXTC (VCET) students/faculties and vice versa on projects identified for collaborative activities.
- 3) To collaborate, share information and technology to develop the required skills and intend to create a center of excellence to support this shared effort.
- 4) To support and sharing the activities related to:
 - i. Capability development of the students.
 - ii. Sponsored projects
 - iii. Laboratory development
 - iv. Infrastructure development

- v. Cooperate and support for Internship and Recruitment
 - vi. Publications, Products and Patents
 - vii. Workshops, Conclaves, Seminars, Events.
- 5) Any other activities with mutual consent

Effective Date and Duration of MOU:

- ❖ This MOU shall be effective from the date of signing by **Department of Electronics & Telecommunication Engineering of Vidyavardhini's College of Engineering & Technology** and the **Tropical Electronic Equipment Co, MUMBAI.**
- ❖ The MOU will be continued for a period of **THREE** years from the date of signing of this MoU with mutual consent.
- ❖ Both the parties have signed this MOU for mutual co-operation and would be of great value for professional growth.

Signed by


Dr. Harish Wankudre
Principal
Vidyavardhini's College of Engineering and
technology, Vasai Road

A. R. P. S.

FOR TROPICAL ELECTRONIC EQUIPMENT CO


PROPRIETOR

Mr. Yogendraprasad Tripathi
CEO,
Tropical Electronic Equipment Co. Mumbai