

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.
Tel.: 7769916109 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

Ref. NO\_TCE | EST | 2022-23 | 105-B

DATE - 21/10/22

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste.

Subject: Summary of waste management steps taken by the institute.

Reference: 7.1.3 Solid waste management Liquid waste management biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

With reference to above subject, following details/photographs of waste management steps taken by the institute are provided. The details/photographs of the process are enclosed.

PRINCIPAL
THEEM COLLEGE OF ENGINEERING
Bolsar (East), Tal. & Dist. Falghar-401 504

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#### Enclosures:

- 1. Photos of Waste management facilities.
- 2. For additional information links are provided.



Admn. Office: 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023. Tel.: 2204 6903 ● Telefax: 2283 9850



7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management, Liquid waste management, Biomedical waste management-waste management, Waste recycling system, Hazardous chemicals and radioactive waste management.

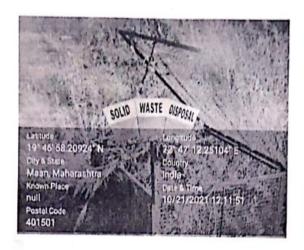
The institute has Solid Waste Management system at three locations where 6x4x3 feet 3 containers are fixed for dumping solid waste. All waste such as waste paper, food and material are refined and make ready in advance organic fertilizer. The valued generation of solid waste in the campus is approximate 3 to 5.5 kg per day from all the departments, canteen, and garden. Minimum 38-45 days are required to complete one cycle of composting.

The Liquid Waste of the campus has provision of septic tanks with an anaerobic environment in the tank which decomposes the waste discharged into the tank. The plumbing wastewater is assembled from different places to the septic tank. Cleaning of Septic tank is done regularly by municipal sludge gathering vehicle. Hazardous Chemicals are kept separately in the laboratory away from the students' reach. Students are made conscious of the hazardous chemicals before utilizing the chemicals.

E-waste of the college is given to the authorized dealers like scrap buyers. They check the useful components of computers like motherboards, SMPS, RAM and reuse it. MOUs has been done between college and the vendors for managing the repair of and various electronic components and refilling of printer cartridges.

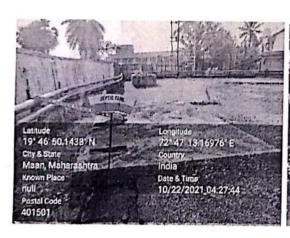


# Facilities for management of both degradable and non-degradable waste.





Solid Waste





Liquid Waste



# Waste Recycling System



Solid Waste Disposal





# THEEM COLLEGE OF ENGINEERING, BOISAR

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Village Betegaon, Near Union Park, Boisar Chilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501. Tel: - (02525) 284909 / 284926,

• Telefax: (02525) 284 927 • Email ID: info@theemcoe.org • Website: www.theemcoe.org

# Memorandum of Understanding

This Memorandum of Understanding is made at Boisar on 27th day of January, 2015.

#### BETWEEN

**PRO INFOTECH** incorporated under the Companies Act, 1956, having its Registered Office at Shop No 6, Instant Plaza Building, Behind Nagrik & Navjeevan Stores, Station Road, Thane (West) for setting up and operation of an E-waste Management System of the **First Part**.

#### AND

H.J. Thim Trust's THEEM College of Engineering, located at Boisar, Maharashtra hereinafter referred to as "THEEMCOE" of the Second Part.

#### WHEREAS:

- The company will collect used computer for up gradation of Desktop Computers & peripherals and Buy back Old Desktop Computers. All these collection will then be recycled by the company.
- 2) THEEMCOE is an Educational institution affiliated to Mumbai University and MSBTE. The College offers various Diploma & Graduate Courses in Engineering.
- 3) THEEMCOE is willing to enter into a Memorandum of Understanding (MOU) with PRO INFOTECH for the repair and recycling of the Computer & Peripherals.

IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS UNDER:

#### 1.) Objective:

The objective of this MOU is for up gradation of Desktop Computers & peripherals, and Buy back Old Desktop Computers of THEEMCOE.

### 2.) Period of MOU:

This MOU shall come into force and effect from the date of execution and shall remain valid for a period of five years from such date after which the same may be reviewed by either party. However, if the same is not renewed this arrangement will be deemed terminated on the expiry of the said duration period.

The College shall be responsible to nominate one person with adequate accountability and responsibility to coordinate the engagement. The person so appointed would act as the single point of contact (SPOC) for the proposed initiative.

4.) Limitation and warranties:

Both parties agree that it would be their endeavour to prevent any liability arising out of default or non-compliance of the MOU terms by the other party.

5.) Termination:

A Both Parties can terminate the MOU with the prior written thirty (30) day notice on default of terms of non-adherence to any condition or responsibilities by their other parties outlined in this MOU in case such default is not rectified within such 30 days

6.) Entirety & Amendment:

This MOU contains the entire understanding between the parties in relation to the up gradation of Desktop Computers & peripherals, and Buy back Old Desktop Computers. If during the operation of the MOU, circumstances may rise which call for alteration/modification to this MOU, such alteration / modification shall be mutually discussed and agreed upon in writing. Such changes will be formalized in writing as an 'Addendum' to this MOU. Any changes/amendments to this MOU not in conformance to this section shall be deemed to be void ab initio.

7.) Intellectual Proprietary Rights:

All intellectual or property and information, supplied or development by either party shall be and remain the sole and exclusive property of the party who supplied or developed same.

IN WITNESS WHEREOF, the Parties hereto have duly executed this Agreement as on the day, month and year first hereinabove written

For PRO INFOTECH

Designation: Managing Director

Place: Thane

Date: 27th January, 2015

Stamp:

For Theem College of Engineering

Name: Dr.N.K Rana Designation: Principal

Place: Boisar

Date: 27th January, 2015

Stamp: PRINCIPAL THEEM COLLEGE OF ENGINEERING

Bolear (East), Tal. & Dist, Palghar-401 501.





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING, BOISAR

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# Memorandum of Understanding

This Memorandum of Understanding is made at Boisar on 10th day of October, 2015.

# BETWEEN

BHARAT ENTERPRISES incorporated under the Companies Act, 1956, having its Registered Office at Shop No 76, Arihant Market, Ostwal Empire, Below IDBI Bank, Tarapur Road, Boisar (W), Tal & Dist. Palghar - 401501 for setting up and operation of an E-waste Management System of the First Part.

#### AND

H.J. Thim Trust's THEEM College of Engineering, located at Boisar, Maharashtra hereinafter referred to as "THEEMCOE" of the Second Part.

#### WHEREAS:

- 1) The company will collect used and empty computer printers ink Cartridge and toner cartridge from the collection centre of the institution. All these collected Cartridge and toner will then be recycled by the company.
- 2) THEEMCOE is an Educational institution affiliated to Mumbai University and MSBTE. The College offers various Diploma & Graduate Courses in Engineering.
- 3) THEEMCOE is willing to enter into a Memorandum of Understanding (MOU) with BHARAT ENTERPRISES for the repair and recycling of the Printer Ink Cartridge and toner cartridge.

## IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS UNDER:

#### 1.) Objective:

The objective of this MOU is to repair and recycling of the Printer Ink Cartridge and toner cartridge of THEEMCOE.

## 2.) Period of MOU:

This MOU shall come into force and effect from the date of execution and shall remain valid for a period of five years from such date after which the same may be reviewed by either party. However, if the same is not renewed this arrangement will be deemed terminated on the expiry of the said duration period.



The College shall be responsible to nominate one person with adequate accountability and responsibility to coordinate the engagement. The person so appointed would act as the single point of contact (SPOC) for the proposed initiative.

# 4.) Limitation and warranties:

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## 6.) Entirety & Amendment:

This MOU contains the entire understanding between the parties in relation to the repair and recycling of the Printer Ink Cartridge and toner cartridge. If during the operation of the MOU, circumstances may rise which call for alteration/modification to this MOU, such alteration / modification shall be mutually discussed and agreed upon in writing. Such changes will be formalized in writing as an 'Addendum' to this MOU. Any changes/amendments to this MOU not in conformance to this section shall be deemed to be void ab initio.

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IN WITNESS WHEREOF, the Parties hereto have duly executed this Agreement as on the day, month and year first hereinabove written

For BHARAT ENTERPRISES

Name: Bharat Y. Dongare

Designation: Managing Director

Place: Boisar.

Date: 10th October, 2015

Stamp:

BHARAT ENTERPRISES Shop No. 76, Arihani Market. Ostwal Empira, Boisar - 401501.

For Theem College of Engineering

Name: Dr.N.K. Rana Designation: Principal

Place: Boisar

Date: 10th October, 2015



# THEEM COLLEGE OF ENGINEERING, BOISAR

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# For Bharat Computers & Stationery

For BHARAT COMPUTERS & STATIONARY

Mary Proprietor He8/18

Name: Bharat Y. Dongare Designation: Managing Director

Place: Boisar.

Date: 10th October, 2015

Stamp:

For THEEM COLLEGE OF ENGINEERING

Name: Dr.N.K. Rana Designation Principal FOR OF ENGINEER IN

Place: Boisager (Erot), Tel. & Diet. Palghar-401 501

Date: 10th October, 2015





# THEEM COLLEGE OF ENGINEERING, BOISAR

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Place: Boisar

Date: 10th October, 2015







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For PRO INFOTECH

Designation: Managing Director

Place: Thane

Date: 27th January, 2015

Stamp:

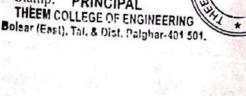
For Theem College of Engineering

Name: Dr.N.K Rana Designation: Principal

Place: Boisar

Date: 27th January, 2015

Stamp: PRINCIPAL







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For Bharat Computers & Stationery

For BHARAT COMPUTERS & STATIONARY

Proprietor Name: Bharat Y. Dongare

Designation: Managing Director

Place: Boisar.

Date: 10th October, 2015

Stamp

FOR THEEM COLLEGE OF ENGINEERING

Name: Dr.N.K. Rana PRINCIPAL

Designation Reincina LEGE OF ENGINEER INC Place: Bolioker (East), Tal. & Dist. Palghar-401 501

Date: 10th October, 2015



