



Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**

Approved by AICTE, New Delhi, DTE, Government of Maharashtra  
And Affiliated to University of Mumbai

## Activities done under MoU

Name of the Institution	Year of signing	Duration	Academic Year	List of activities
Unnarkar group of Companies	2019	5 years	2018-19	Expert Lecture in STTP on Durability-Performance based approach



## ***INTRODUCTION***

PARESH UNNARKAR Consulting Structural Engineer is a professional firm, providing consulting services in the areas of Structural – Civil Engineering and Design of Industrial Facilities in India.

Mr. Paresh Unnarkar has obtained Bachelor degree of Civil Engineering from Amravati University in 1990 and has experience of 28 + Years in the Design of Structures.

Mr. Paresh Unnarkar was previously associated with Mr. Ruton J. Dubhash of M/s Dubon Project Engineering Pvt. Ltd, Mumbai and with Mr. Milind R. Kulkarni of M/s Milind Kulkarni Consulting Engineers Pvt. Ltd, Vile Parle (East), Mumbai & M/s. MWH India Pvt. Ltd., Mumbai,.

Mr. Paresh Unnarkar is free lance consultant to M/s. MWH India Pvt. Ltd., Mumbai, NJS Engineers India Pvt. Ltd, Mumbai and M/s. Dorsch consultant (I), Mumbai.

Mr. Paresh Unnarkar has successfully Completed the course “*ADVANCED CONCRETE TECHNOLOGY*” through NPTEL Online Certification.

Mr. Paresh Unnarkar has successfully Completed the course “*ADVANCED TOPICS IN THE SCIENCE & TECHNOLOGY OF CONCRETE*” through NPTEL Online Certification

## ***PHILOSOPHY***

Innovative approach, use of state of the art technology and preference for getting into detail requirement of each project are our core values for achieving high quality outputs.

## ***STRUCTURAL ENGINEERING SERVICES***

### **Service offerings**

- ✓ Pre-Tendering Services for Turnkey Projects.
- ✓ Detailed Engineering of Water & Wastewater Pump Houses & Treatment plants.
- ✓ Detailed Engineering of Mass Housing, Residential, Commercial, Mall and Multiplex, Institutional, Industrial Buildings & Bungalow.
- ✓ Feasibility Studies and Cost Estimates.
- ✓ Proof Checking of Detailed Engineering for structures.
- ✓ Tender Technical Specifications and Technical Evaluation of Tender Bids.
- ✓ Green Concrete Technology.





Late Shri. Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai  
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E-mail : [contact@viva-technology.org](mailto:contact@viva-technology.org) / [principalvit@vivacollege.org](mailto:principalvit@vivacollege.org)

Ref No: VIVA/VIT/594/2018-19

Date: 24/06/2019

To,

Mr. Paresh Unnarkar,

Director,

Unnarkar Group of Companies,

Virar (w), Dist-Palghar.

**Subject: Letter of Appreciation.**

Dear Sir,

We are really grateful to you for your valuable time and effort for AICTE-ISTE approved Short Term Training Programme titled "Durability Performance Based Approach" for the faculties of Civil Engineering on 24<sup>th</sup> June'2019. Your lecture was very much informative, knowledgeable and motivating. Our faculty will cherish your value adding words in their hearts.

Hope for similar support in future too.

Thanking you.

Yours faithfully,

  
Dr. Arun Kumar

Principal



## STTP Report on “Innovative Trends in Civil Engineering”

One week short term training program on “Innovative Trends in Civil Engineering “under ISTE was organised by Civil Engineering department, VIVA Institute of Technology during 24<sup>th</sup> June 2019 to 28<sup>th</sup> June 2019 .There were 18 participants in the STTP. The participant were from Civil Engineering Discipline.

The STTP was inaugurated on 24<sup>th</sup> of June 2019, Monday at 10.00 Am by HOD civil Engineering Prof.Lissy Jose in the presence of Guest speaker Prof.Asir Khan. The crowd was addressed by prof.Meena Bhagat and the details of STTP were shared.

Day 1 10.30 Am to 12.30 pm

Lecture 1 Prof Asir Khan

Road Safety and role of public transport:

The aim was to explore the perception of safety and security problems on the part of those parties involved in the operation of public transportation. This perception is used as a base to develop an improvement agenda for the particular context of developing countries



Day 1 2.00 pm to 4.00 pm

Lecture 2: Mr Paresh Unnarkar

Topic: Durability-Performance based approach





Performance requirements for (concrete) structures are usual with respect to structural safety and fire-resistance. They are also imposed for the service life of structures, such as 50 years for buildings and 75 years for bridges. However to meet these service life requirements mostly descriptive specifications are used which prescribe the constituent materials and put limitations on the mix design e.g. the water/cement ratio, cover thickness and curing conditions.



Day 2: 10.00 Am to 12.00 pm

Lecture 1 Dr.Ajit Salvi

Topic: Design aspects of Sewerage system

Artificial recharge of ground water using source waters of impaired quality can be a viable way to augment regional water supplies—primarily for non potable purposes but for potable purposes under appropriate conditions—and at the same time provides an avenue for wastewater management.





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**VIVA INSTITUTE OF TECHNOLOGY**  
 Shirgaon, Post: Virar (w), Tal: Vasai, Dist: Palghar - 401 305.  
**CIVIL ENGG. DEPARTMENT**



**ATTENDANCE FOR STTP 2019**

Name of the session chair : Prof. Asix Khan  
 Prof. Paresh Unnarkar

Date: 24/06/2019

No.	Name of the faculty	Session 1	Session 2
1	Prof. Lissy Jose	<i>Lissy Jose</i>	<i>Lissy Jose</i>
2	Prof. Akshay Mistry	<i>Akshay Mistry</i>	<i>Akshay Mistry</i>
3	Prof Ramya Raju	<i>Ramya Raju</i>	<i>Ramya Raju</i>
4	Prof Monica More	<i>M</i>	<i>M</i>
5	Prof. Arathy Menon	<i>Arathy Menon</i>	<i>Arathy Menon</i>
6	Prof Pratibha Patil	<i>Pratibha Patil</i>	<i>Pratibha Patil</i>
7	Prof Jimit Chotai	<i>Jimit Chotai</i>	<i>Jimit Chotai</i>
8	Prof Asmita Bhalke	<i>Asmita Bhalke</i>	<i>Asmita Bhalke</i>
9	Prof Abhijit Wasave	<i>Abhijit Wasave</i>	<i>Abhijit Wasave</i>
10	Prof Prachi Bari	<i>Prachi Bari</i>	<i>Prachi Bari</i>
11	Prof. Prashant Gondane	<i>Prashant Gondane</i>	<i>Prashant Gondane</i>
12	Prof. Meena Bhagat	<i>Meena Bhagat</i>	<i>Meena Bhagat</i>
13	Prof. Ashish shetty	<i>Ashish shetty</i>	<i>Ashish shetty</i>
14	Prof. Ghufra Khan	<i>Ghufra Khan</i>	<i>Ghufra Khan</i>
15	Prof Yadnesh Patil	Absent	<i>Yadnesh Patil</i>
16	Prof Mayur Patel	<i>M</i>	<i>M</i>
17	Prof Vishal Urade	<i>Vishal Urade</i>	<i>Vishal Urade</i>
18	Prof Purva Awari	<i>Purva Awari</i>	<i>Purva Awari</i>
19	Prof Prema Patil	<i>Prema Patil</i>	<i>Prema Patil</i>

*AW*  
 STTP Coordinator  
 Abhijit Wasave



HOD CIVIL ENGG