



Late Shri Vishnu Waman Thakur Charitable Trust's
VIVA INSTITUTE OF TECHNOLOGY
Shirgaon, Virar (E), Tal: Vasai, Dist: Palghar – 401 305.
CIVIL ENGG. DEPARTMENT



Since the dawn of evolution and the ancient civilization known to mankind, people have always been fascinated about the multistoried building their town planning and road construction. Some of these have still survived the cruelty of time. Now with the boom in technology and dynamic nature of the science associated to it, everyday there are inventions and new technologies in the field of transportation, environment, concrete, rain water harvesting, repair and restoration.

This STTP aimed at bridging the gap between the current academics and new technologies used in the field in order to create awareness for betterment of the society by guiding, training, and motivating the students to take up projects related to the field of transportation engineering, environmental engineering , concrete technology, rain water harvesting, repair and restoration Engineering etc.

Topics covered in the STTP on “Recent trends in Civil Engineering” are

- Waste water Management and recent development in sanitation
- Urban Transport System Planning
- Transparent Concrete
- Green Concrete and Cement replacement with GGBS.
- Mix design as per new IS 10262:2009
- Rain water harvesting
- Repair and restoration of the existing building.

The new learning's obtained from STTP are,

- Effective waste water management techniques with relevant calculations and design.
- Vehicular traffic volume calculation and urban transport planning.
- Pros and cons with design aspects of transparent concrete.
- Concrete Mix design using 50% GGBS.
- New mix design calculations and clauses associated to it.
- Why, where, when and how rain water harvesting is necessary in today's scenario.
- Rehabilitation and repair of any existing construction.



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With the dynamic changes happening in the field of civil engineering it was felt necessary that the teaching faculty also should be competent enough to bring the students to higher pedestal of technology. Keeping this as our Moto, the ISTE approved STTP was successfully conducted from 19th June, 2017 to 23th June, 2017 in Civil Department of VIVA Institute of Technology.

Details of the Speakers are as under

Sr.No.	Name of the guest Speaker	Details of the speaker	Topic Addressed	Date
1.	Dr. Ajit Salvi	Assistant Engineer, Waste Water Treatment Plant, Bandra (MCGM)	Waste water Management and recent development in sanitation	19/06/2017
2.	Mr. Prasad Hingukale	Assistant Transportation Engineer, Infra design Studio, Navi Mumbai	Urban Transport System Planning	20/06/2017
3.	Dr. Yashwant Patil	Professor, SSJCET Asangaon	Transparent Concrete	20/06/2017
4.	Mr. Paresh Unnarkar	RCC Consultant, Free Lance Consultant. CMD Unnarkar Group of Company	Green Concrete and Cement replacement with GGBS.	21/06/2017
5.	Mr. Shrikant Varpe	Deputy Manager, Ambuja Group of Companies	Mix design as per new IS 10262:2009	21/06/2017
6.	Mr. Sandeep Adyapak	CMD, Water Field Technologies Pvt.Ltd.	Rain water harvestment	22/06/2017
7.	Mr. Vivel Mamdapur	Professor, G.V. Acharya C.O.E., Shelu	Repair and restoration of the existing building	23/06/2017



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The participants were the teaching faculties of our college and VIVA Diploma College. There were twenty two participants in the one week short term training program. The various committees are as follows

Sr.No.	Details of the committee	Name of the faculties
1	Co-Ordinator STTP	Mistry Akshay S. Shetty Ashish V.
2	Organizing	Bhagat Meena A. Wasave Abhijeet S.
3	Refreshment	Naik Akshaykumar
4	Certificate and Banner	Patel Mayur Gondane Prashant
5	Feedback	Menon Aarthi Patil Prerana
6	Treasurer	Bari Prachi Bhalke Asmita
7	Other	Ramya Raju Sagar Sundaran Urade Vishal Chotai Jimit
8	Non-Teaching	Gawari Kiran Patil Sunil

Valedictory Function was chaired by Prof. Vivek Mamdapur. Feedback from the participants showed immense interest in the one of a kind STTP and their eagerness to attend the same once again. Overall it was very encouraging was highly appreciated by all the participants.