



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



Date:

Report on the ISTE Approved One Week Short Term Training Program on “Recent Trends in Civil Engineering” from 19th June – 23rd June 2017

Since the dawn of evolution and the ancient civilization known to mankind, humans have always been fascinated about the multistoried building their town planning and road construction etc. Some of which have still survived the cruelty of time. Now with the rise of technology and dynamic nature of the science associated to it, everyday there are inventions and new technologies in the field of transportation, environmental, concrete, rain water harvestment and repair and restoration Engineering to name a few.

The STTP aims at bridging the gap between the current academics and new technologies used in the field in order to create awareness and better society by guiding, training, and motivating the students to take up projects related to the field of transportation, environmental, concrete, rain water harvestment repair and restoration Engineering.

Topic covered in the STTP on “Recent trends in Civil Engineering’

- 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 harvestment
- Repair and restoration of the existing building.

At the end of the STTP conclusion drawn by the participants.

- Septage and effective waste water management techniques with calculations and design.
- Vehicular traffic volume calculation and urban transport planning.
- Pros and cons with design aspects of transparent concrete.



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- Mix design and materials used in manufacturing of concrete using 50% GGBS.
- New mix design calculations and clauses associated to it.
- Why, where , when and how rain water harvestment is necessary in today's life
- Rehabilitation and repair of any existing construction.

With the dynamic changes happening in the field of civil engineering it was felt necessary that the teaching faculties also become competent in the said technology. With keeping this as an intention the ISTE approved STTP was conducted from 19th June, 2017 to 23th June, 2017 in VIVA Institute of Technology, Civil Department.

Details of the Speakers is 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.	Green Concrete	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 where the teaching faculties of the college and VIVA Diploma College. Total of 22 faculties took part in the one week short term training program. The team of the STTP include faculties mentioned as below

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 Aarth 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 headed by Prof. Vivek Mamdapur. Feedback from the participants show their interest in the one of a kind STTP and their eagerness to attend the same once again. The overall feedback was encouraging and highly rated by the participants.