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Shri. Gopinath Mahadeo Vedak Pratishthan's

# G. M. Vedak Institute of Technology

Approved by AICTE, Recognized by Govt. of Maharashtra & Affiliated to University of Mumbai.

Institute code: EN 3447

At post &Taluka :Tala, Dist.-Raigad, Off Indapur on Mumbai-Goa Highway (NH-17), Maharashtra-402 111

Web: www.gmvit.com

**Department of Civil Engineering** 

Date: 26/3/2019

To

The Principal

GMVIT, Tala

Subject: Seeking permission for conduction of Expert Lecture.

Respected Sir,

I Prof.Y.R.Galinde as per students requirement, we Department of Civil Engineering conducted Expert Lecture on "Different Techniques used in Bridge construction and Introduction of Few oftware used in Civil Engineering" on 28th and 29th March 2019.Mr.Prafulla Pagnis (Structural Consultant ,Pune) will be Expert for this session.

o, I request you to give permission for same.

Thanks and Regards

Galinde.





### G. M. VEDAK E OF TECHNOLOGY, TALA



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At - Post - Taluka - Tala, Mumbai - Goa highway, Near Indapur, Dist. Raigad, Maharashtra - 402 111 Tel.: 02140 - 269004, 269088 Website :- www.gmvit.com, Email :- gmvedakit@gmail.com

Ref. No. GMVIT/2018-19/54]

Date:29 /03/2019

To,

Mr. Prafulla Govind Pagnis Structural consultant, Pune.

Dear Sir,

We would like to extend our warm thanks to you for delivering a guest lecture on "Different Techniques used in Bridge construction & Introduction of few software used in Civil Engineering". The valuable information shared by you has inspired our students and faculties.

We sincerely thank for the support and the valuable time given by you and we hope that you would continue to extend your support in our future initiatives as well.

Thanking You.

Principal

G M Vedak Institute of Technology

Tala Dist.Raigad

JA 10312da



### Gmail

LANKE AKASH BABU <akashbabu.lanke@gmail.com>

Tue, Jul 11, 2017 at 11:50 AM

### t resume

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babu.lanke@gmail.com

feser Ms.Yuga Galinde the department, ingineering

edak Institute of Technology, Raigad

agnis a retired Civil engineer, having in April 2013 from M/s. SOMA Enterprises Ltd. after long of active service as Assistant Vice President. Since then I am sharing my wide experience with ants of various Engineering colleges around Pune and Maharashtra.

eross with your faculty member Mr.Akashbabu Lanke at Maharshi Parshuram college of Engineering war where I gave few guest lectures on Segment Bridges and their Construction and other spects of Civil Engineering including the methods of organizing a big civil engineering

The lectures can be themed for beginners, and Sr. Students. I can give them presentations on astruction using different Technics, Metro Rail corrioders and deep foundations like well as, Pile foundation etc.

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Seminar Report - "Different Techniques Used in Bridge Construction & Introduction of few Softwares Used in Civil Engineering" Date: 28<sup>th</sup> & 29<sup>th</sup> March 2019



# G. M. VEDAK INSTITUTE OF TECHNOLOGY, TALA, RAIGAD

### **Guest Lecture On**

"Different Techniques Used in Bridge Construction & Introduction of few Softwares Used in Civil Engineering"

Date: 28th & 29th March 2019



All the students of Civil Engineering of G. M. Vedak Institute of Technology Tala, Raigad, were very much thankful to our Principle Dr. D. N. Jaiswal & H.O.D. Of Civil Engineering Department Prof. Ajeet Kumar, & Subject Teacher Prof. Akash Lanke respectively to support Guest Lecture on 'Different Techniques Used in Bridge Construction & Introduction of few Softwares used in Civil Engineering' by Mr. Prafulla. Govind Pagnis.

# Importance of Bridge Construction & Use of Softwares in Civil Engineering

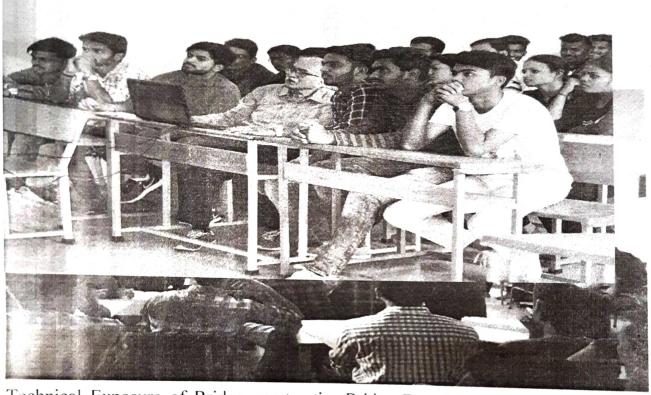
Prafulla. Govind Pagnis sir who is having 45 years of industry experience in Bridge construction had delivered the lecture on types of bridges present in India, and their Importance and serviceability Properties which are useful to the students. This lecture includes the following points

- A. Bridge construction tends to involve huge projects that encompass the utilization of skills related to several engineering disciplines including geology, civil, electrical, mechanical, and computer sciences.
- **B.** Therefore, integrating the efforts of all involved must be meticulous. The initial plans are prepared regarding the project, including the characteristics of the desired bridge, the site details, and the requirement of resources.
- C. The bridge design will be determined by the type of bridge being constructed. The main types of the bridges are beam, arch, truss, cantilever, and suspension. The beam bridge is one of the popular types.
- D. Bridges can also be categorized by the planned use, like road and rail bridge, pedestrian pavement, material to be used like steel or concrete, and fixed or moveable.
- E. Moveable bridges are constructed when the ship height may be more than the bridge floor. In such situations, the road has the capability to be lifted or pivoted, to permit marine traffic movement under it.
- F. Now a days Softwares Like Midas Civil, Staad Pro, Primevera and Msproject are very important to the students. Mr. Prafulla Pagnis Sir Helped the students for Handson Practice for the two days session.



Seminar Report - "Different Techniques Used in Bridge Construction & Introduction of few Softwares Used in Civil Engineering" Date: 28th & 29th March 2019

# **Objectives of Guest Lecture**



Technical Exposure of Bridge construction, Bridge Foundation & softwares like Staadpro, Ms-Project, Primavera other engineering aspects of Construction Technology, Softwares Applications in Civil Engineering Subject as per University of Mumbai Syllabus.

## Introduction on Bridge Foundation, Types of bridges, and Different Softwares used in Civil Engineering

1. Mr. Prafulla Pagnis had explained various importance in Bridge construction to all civil engineering students. This Interactive session held successfully and students are able to understand the difficulties that arise in Industry.

Hands On price to every student is carried by Prafulla Pagnis sir on the softw

Staadpro and Ms-Project, Primavera to the civil engineering students.

Seminar Report - "Different Techniques Used in Bridge Construction & Introduction of few Softwares Used in Civil Engineering" Date: 28th & 29th March 2019

2.Each and Every student had done the Hands-on Practice to the numerical in the academic textbook. Results are been displayed on the projector screen. This helps the students to get an aware on the softwares like Staad-pro, Primavera, and MS-Project.



Tala Raigad

## Shri. GopinathMahadeoVedakPratishthan's G. M. VEDAK INSTITUTE OF TECHNOLOGY, TALA

Department of Civil Engineering Academic Year 2018-19 (First Half 2019)

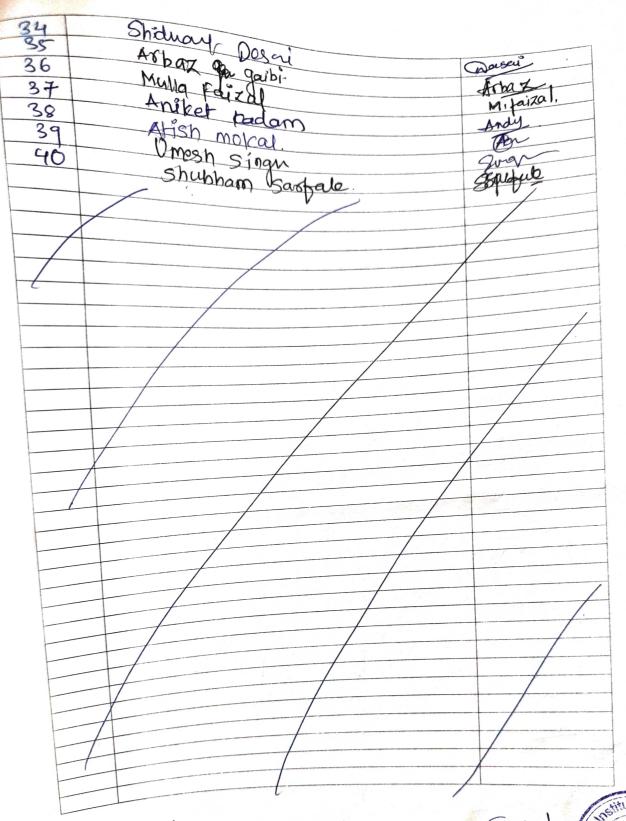
### **Attendance Sheet**

Event: Expert lecture on Different Techniques used in Bridge construction and Introduction of Few software used in civil

**Engineering** 

Date: 28 / 03 / 19 & 29/03/2019

	Date: 20	
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