



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

E-mail : [gmvedakit@gmail.com](mailto:gmvedakit@gmail.com)

Web : [www.gmvit.com](http://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 software used in Civil Engineering" on 28<sup>th</sup> and 29<sup>th</sup> March 2019.Mr.Prafulla Pagnis (Structural Consultant ,Pune) will be Expert for this session.

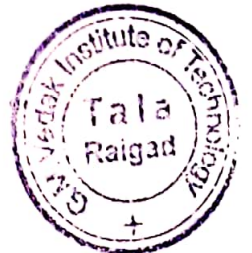
So, I request you to give permission for same.

Thanks and Regards



Yours faithfully,

Y.R.Galinde.



**G. M. VEDAK  
INSTITUTE 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/ 541 .

Date: 29 /03/2019

To,

Mr. Prafulla Govind Pagnis

Structural consultant, Pune.

Dear Sir,

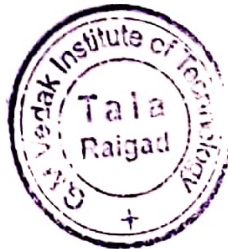
We would like to extend our warm thanks to you for delivering a guest lecture on "Different Techniques used in Bridge construction & Introduction of few software used in Civil Engineering". The valuable information shared by you has inspired our students and faculties.

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*  
**Principal**  
G M Vedak Institute of Technology  
Tala Dist. Raigad



Gmail

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

Short resume

LA GOVIND PAGNIS <ppagnis@rediffmail.com>  
galinde@gmail.com  
babu.lanke@gmail.com

Tue, Jul 11, 2017 at 11 50 AM

Reser Ms.Yuga Galinde  
the department,  
Engineering

Talak Institute of Technology,  
Raigad  
Mumbai.

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

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

I have attached my brief CV for your needful, and I will be happy to share my knowledge with your  
students. The lectures can be themed for beginners, and Sr. Students. I can give them presentations on  
Bridges, Metro Rail corridors and deep foundations like well  
foundations, Pile foundation etc.

Thank you

Best  
sincerely

9975127883

Short\_resume.docx



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 : 28<sup>th</sup> & 29<sup>th</sup> March 2019**



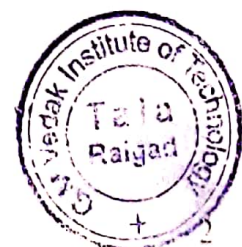
All the students of Civil Engineering of G. M. Vedak Institute of Technology Tala, Raigad, were very much thankful to our Principle Dr. D. N. Jaiswal & H.O.D. Of Civil Engineering Department Prof. Ajeet Kumar, & Subject Teacher Prof. Akash Lanke respectively to support Guest Lecture on 'Different Techniques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



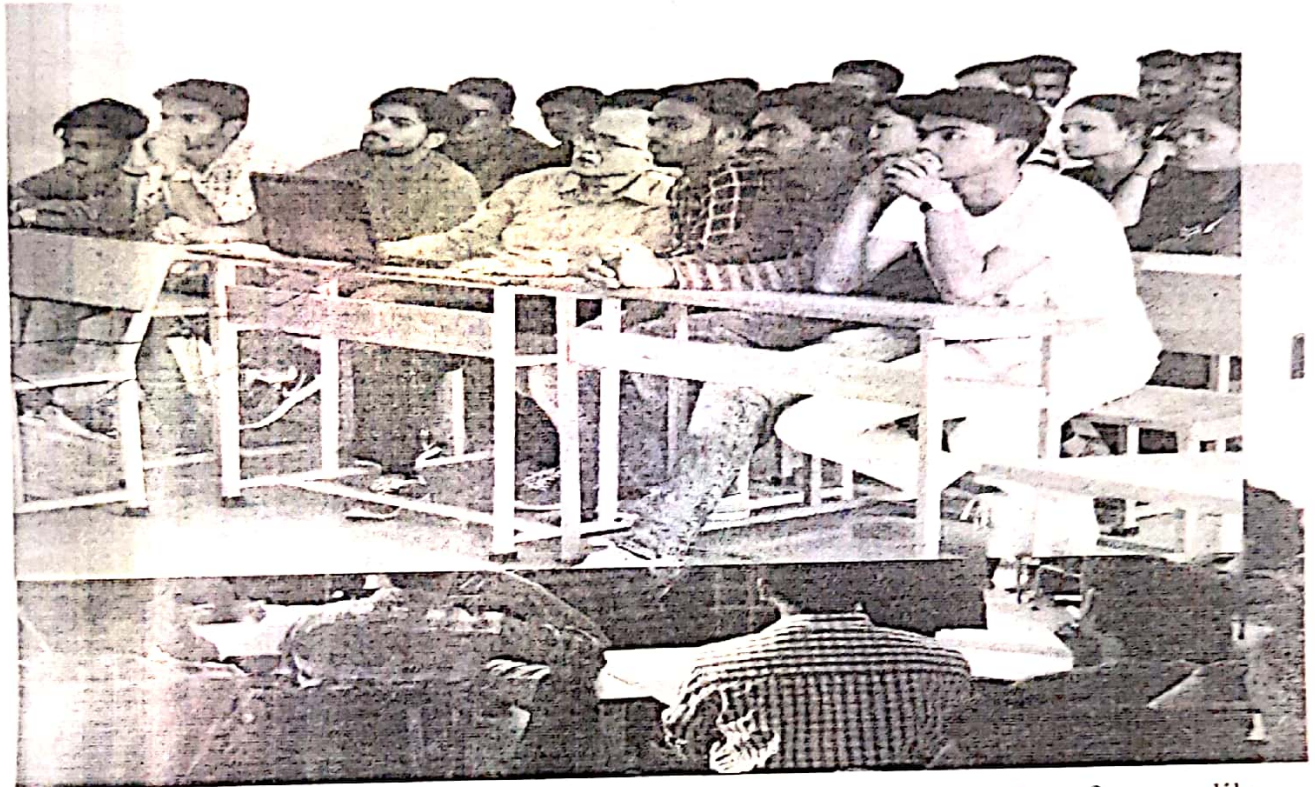
## Importance of Bridge Construction & Use of Softwares in Civil Engineering

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 Hands-on Practice for the two days session.



## Objectives of Guest Lecture



Technical Exposure of Bridge construction, Bridge Foundation & softwares like Staadpro, Ms-Project, Primavera other engineering aspects of Advanced 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.

1. Hands On price to every student is carried by Prafulla Pagnis sir on the softwares of Staadpro and Ms-Project, Primavera to the civil engineering students.

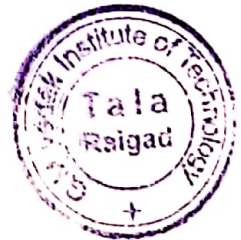


2. Each and Every student had done the Hands-on Practice to the numerical in the academic textbook. Results are been displayed on the projector screen. This helps the students to get an aware on the softwares like Staad-pro, Primavera, and MS-Project.



## CONCLUSION

Students have learned what is the importance of Bridge Construction & Softwares in Civil Engineering. The Hands-on practice to the students will help to analyze the textbook numerical in software and it will be easier to solve the Academic Problems.; with this kind of Educational- best Lecture we gain much more knowledge on Bridge Engineering, applications aside from theoretical aspect learned from classroom.



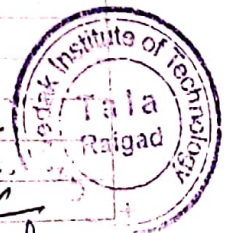


## Attendance Sheet

**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

Sr. No.	Name of the student / Faculty	Signature
1	Mayur Anant Mhale	Mhale
2	Akash Gauram More	More
3	Vinendra Reddy	Reddy
4	Kirti Pawar	Pawar
5	Pramali Chalkhe	Chalkhe
6	Asad Barde	Barde
7	Nehal Gaikar	Gaikar
8	Basit Jagtap	Jagtap
9	Shubham Mohite	Mohite
10	Pransu Mohite	Mohite
11	Rashmi Kuvkar	Kuvkar
12	Saurabh Vilas Kamane	Kamane
13	Akshay Thakur	Akshay Thakur
14	Shreyash Thakur	Shreyash Thakur
15	Kirti Pawar	Kirti Pawar
16	Aishwarya Parange	Aishwarya Parange
17	Str. Sakshi Parange	Sakshi Parange
18	Shweta Mohite	Mohite
19	Rasika Patil	Patil
20	Rohan Mandavkar	Mandavkar
21	Jitendra Mendavkar	J. Mendavkar
22	Pranay Mendavkar	Pranay Mendavkar
23	Dhanashree Deshmukh	Dhanashree Deshmukh
24	Prachi	Prachi
25	Shubham Pawar	Shubham Pawar
26	Shravan More	Shravan More
27	Roshan Chalkhe	Roshan Chalkhe
28	Roshan Borkar	Borkar
29	Aakanksha Patil	A. Patil
30	Prerana Kargulkar	Prerana Kargulkar
31	Heena Bhagat	Heena Bhagat
32	Poonam Chavan	Poonam Chavan
33	Aakanksha Bhoir	A. Bhoir



*[Signature]*  
 Sign of Coordinator

*[Signature]*  
 Sign of HOD

34	Shidhant Dasari	Dasari
35	Arbaz Ga Gaibi	Arbaz
36	Mulla Faizal	M. Faizal
37	Aniket Padam	Andy
38	Atish mokal.	Atish
39	Omish Singh	Singh
40	Shubham Sarfale.	Sarfale

*[Handwritten Signature]*

Sign of Coordinator

*[Handwritten Signature]*

Sign of HOD

