

	<p>Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering &amp; Technology, Baramati 2024-25</p>	
	<p><b>Department of Civil Engineering</b></p>	
	<p><b>Report on Guest Lecture conducted</b></p>	

<b>Details of Guest:</b>	Prof. Dr. Vipin Gawande sir (Assistant Professor, Mechanical Engineering department of VPKBIET Baramati)
<b>Topic for Lecture</b>	"Applications of AR and VR in Airport & Bridge Engineering"
<b>Type (online /offline), Location</b>	Offline in physical presence in classroom number 106
<b>Participants details</b>	Civil Engineering students from BE Civil Class
<b>Students Class, Semester for related subject</b>	BE Civil, 2019 Pattern (Sem:VII)
<b>No. of Participants:</b>	33
<b>Date of Lecture:</b>	23 September 2024, <b>Monday</b>
<b>Time &amp; duration</b>	betn 12:30 pm to 1:30 pm (1 hour)
<b>Course (Subject)</b>	Airport and Bridge Engineering: Elective -IV, Sem-1, BE (2019 Course) A.Y.: 2024-25, Course code assigned by university: 401 004 d, Course code assigned by dept: C 404 d
<b>Guest lecture organized under</b>	Center of excellence 'Town and Country Planning'
<b>Guest lecture organized by</b>	Prof. D. G. Patil, Department of Civil Engineering
<b>Link of recorded session / photos</b>	<a href="https://drive.google.com/drive/folders/1VR_caV6hAvK2pdhRFxTag5igGYNsJBTC?usp=drive_link">https://drive.google.com/drive/folders/1VR_caV6hAvK2pdhRFxTag5igGYNsJBTC?usp=drive_link</a>
<b>Link for report</b>	<a href="https://www.vpkbiet.org/dept_Civil.php">https://www.vpkbiet.org/dept_Civil.php</a> guest lectures
<b>Objective of session</b>	To aware students aware about applications of AR, VR in planning, design of Airports & Bridges



Vidya Pratishthan's  
**Kamalnayan Bajaj Institute of Engineering and Technology, Baramati**




**Department of Civil Engineering**  
under center of Excellence 'Architecture and Town Planning'

Is organizing an expert lecture as a part of 'experts talk series'  
on

**"Applications of AR and VR in Airport & Bridge Engineering"**

For BE Civil Engg students

**Date: 23 Sept. 2024, Monday**

**Time: 12:30 pm to 01:30 pm**





**GUEST**  
Prof. Dr. Vipin Gawande  
B.E (Mech. Engg.), M.Tech(Heat Power Engg), Ph.D (V.N.I.T, Nagpur)

## Short report on guest lecture conducted on 23 Sept 2024 by Prof. Dr. Vipin Gawande

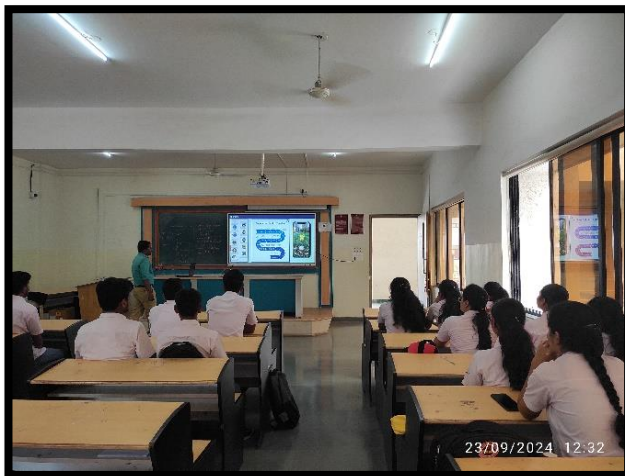
Department of Civil Engineering of VPKBIET Baramati had arranged guest lecture of Prof. Dr. Vipin Gawande sir (Assistant Professor, Mechanical Engineering department of VPKBIET Baramati) on "**Applications of AR and VR in Airport & Bridge Engineering**" for BE Civil Engineering students on Monday, 23 Sept 2024.

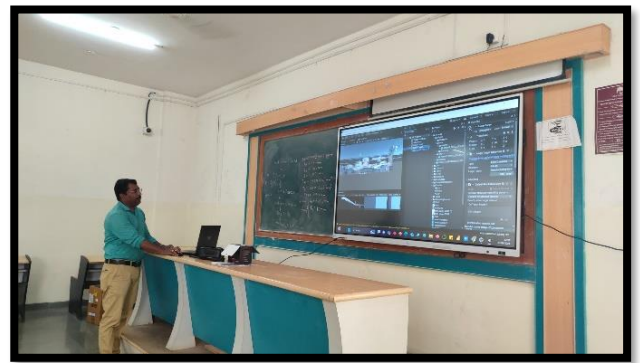
This expert lecture was conducted under centre of Excellence 'Architecture and Town Planning' as a part of 'Experts Talk series'. He explained Augmented Reality (AR) and Virtual Reality (VR) concepts by demonstrating it with some applications and guided for use of such technology in Airports, Bridges planning and design for visualizing Airports, Bridges in a virtual environment using some softwares.

Outcome: He covered some important concepts from the subject **Elective IV: Airport and Bridge Engineering of BE** and explained some applications, terms which are beyond the syllabus. This session was very much interesting and students came to know the latest technologies used by software companies for social media applications and different tools used for it.

Relevance to program outcomes: PO1, 2, 3, 4, 5,6, 8, 9 ,12

### Some photos taken during the session:





Figures: Dr. Vipin Gawande sir while explaining and demonstrating Augmented reality & Virtual Reality applications to Airport and Bridge planning



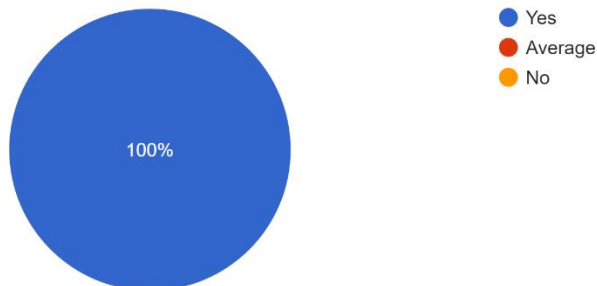
## Attendance:

Guest lecture		
Applications of AR and VR in Airport and Bridge Engineering		
Date - 23 sept, 2024, Monday		
Time - 12:30 pm to 1:30 pm		
Roll. No.	sign	Name.
244543	<del>Sumitra.P.F.</del>	Sumitra Ramdas Kadam
244544	<del>Jadhav</del>	Vidya Rajaram Jadhav
244545	<del>Shivan</del>	Shital Raghunath Chavan
244523	<del>Shiv</del>	Sonika Shrikant Kadam
244565	<del>Holkar</del>	Holkar Vaishnavi .S
244559	<del>Pansare</del>	Pansare Rajnandini Narayan.
244522	<del>Chavan</del>	Chavan Akanksha Mahadev
244521	<del>Tiwari</del>	Kasbe Priyanka Romrao
244552	<del>Kodak</del>	Kodak Asmita Umesh
244515	<del>Jagade</del>	Jagade Rushikesh Genesh
244548	<del>Shelar</del>	Shelar Nikhil Hemant
244551	<del>Panbale</del>	Panbale Pranit Ankur.
244529	<del>Gholave</del>	Gholave Nitig Nyanakant
244584	<del>Dorge</del>	Dorge Ajit Dattatray.
244504	<del>Rathod</del>	Rathod Swaraj Prakash
244502	<del>Pawar</del>	Pawar Hitesh Jalindae.
244531	<del>Wathore</del>	Wathore Pranav Sakharam.
244525	<del>Shinde</del>	Shinde Hariom Prabhakar
244554	<del>Jhesh</del>	Goyalwad Mahesh.V.
244511	<del>Gondhar</del>	Gondhar Anmol K.
244512	<del>Musale</del>	Musale Yogesh S.
244510	<del>Nishtar</del>	Nolkar Nirojan S.
244505	<del>Jundale</del>	Jundale Malikorjun R.
244563	<del>Tale</del>	Tale Abhishek .S
244541	<del>Andhole</del>	Andhole Aditya. N
244517	<del>Priyav.P.</del>	Priyav.P. Bhandare
244518	<del>Vaibhav</del>	Vaibhav Manoj Korche.
244549	<del>Dharyjude</del>	Dharyjude Aviraj Sahadav.
244580	<del>Bhasale</del>	Bhasale Rohit Bhaske.
244533	<del>Pawar</del>	Pawar Rohit sunil
244527	<del>Rede</del>	Rede patil Viraj Bhimrao
244520	<del>Gajinde</del>	Gajinde Krishna C.
244555	<del>Kumbhar</del>	Kumbhar Atharav M.

## Feedback analysis:

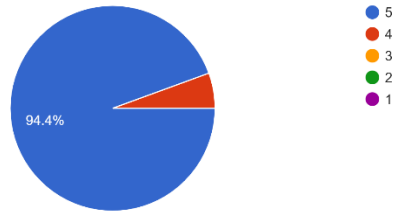
Whether today's session was informative ?

18 responses



How would you rate today's session on the scale of 5 to 1 ( 5=Best and 1=Poor)?

18 responses



What did you learn from this expert talk?

18 responses

We learnt that, world is becoming more immersive and new technologies are fascinating to use and experience.

Much about the AR & VR technology and it's applications in civil engineering

I learnt how AR overlays digital data on real-world environments, while VR enables immersive simulations for design and safety. Both reduce errors and boost efficiency in construction industry.

know the latest technologies used by software companies for social media applications and different tools used for it.

AR and VR software

How are and vr works.  
Information Softwares related to argue and vr

Various terms related of AR ,VR

Any other suggestion

18 responses

No

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No.

No suggestions, nice arrangement of session.

Nothing