Department of Civil Engineering

(Accredited By NBA)

Date: 09/09/2024

Installation of CIVISTA forum 2024-2025

Civil Department G.H. Raisoni College of Engineering and Management, Nagpur organized "Installation of CIVISTA Forum" event on 9th September 2024 from 1:00 PM - 3:00 PM. The installation was a successful event, and we reached our goal.

For CIVISTA forum inauguration we had our chief guest Dr. Sandeep Shirkhedkar, Director, Imagis engineering solutions Pvt Ltd. Chief guest enlighten on the students practical approach in civil engineering and how to tackle for competitive exams in today's scenario. Sir also said that students should know the basics in each and every subject so as to withstand in now a days private and government sector exam .We were excited about welcoming student volunteers, Committee members and Faculty. Overall, the feedback we received was overwhelmingly positive, with 100 percent of students commenting favourably on the experience.

After guest speech, topper award and a badge distribution were done through hands of Chief Guest, Director, Head of civil department and faculty members. Forum president Mr. Pranap Pardhi delivered a PPT on upcoming technical and non-technical events for the session 2024-25. The event was successfully organized by Forum Incharge Mr.Rahul Hinge along with forum members under the guidance of Mr. Mahesh Raut (HOD,CE), Dr.Vivek Kapur (Director, GHRCEM) Nagpur.

Department of Civil Engineering

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Event: CIVISTA Forum Installation 2K24





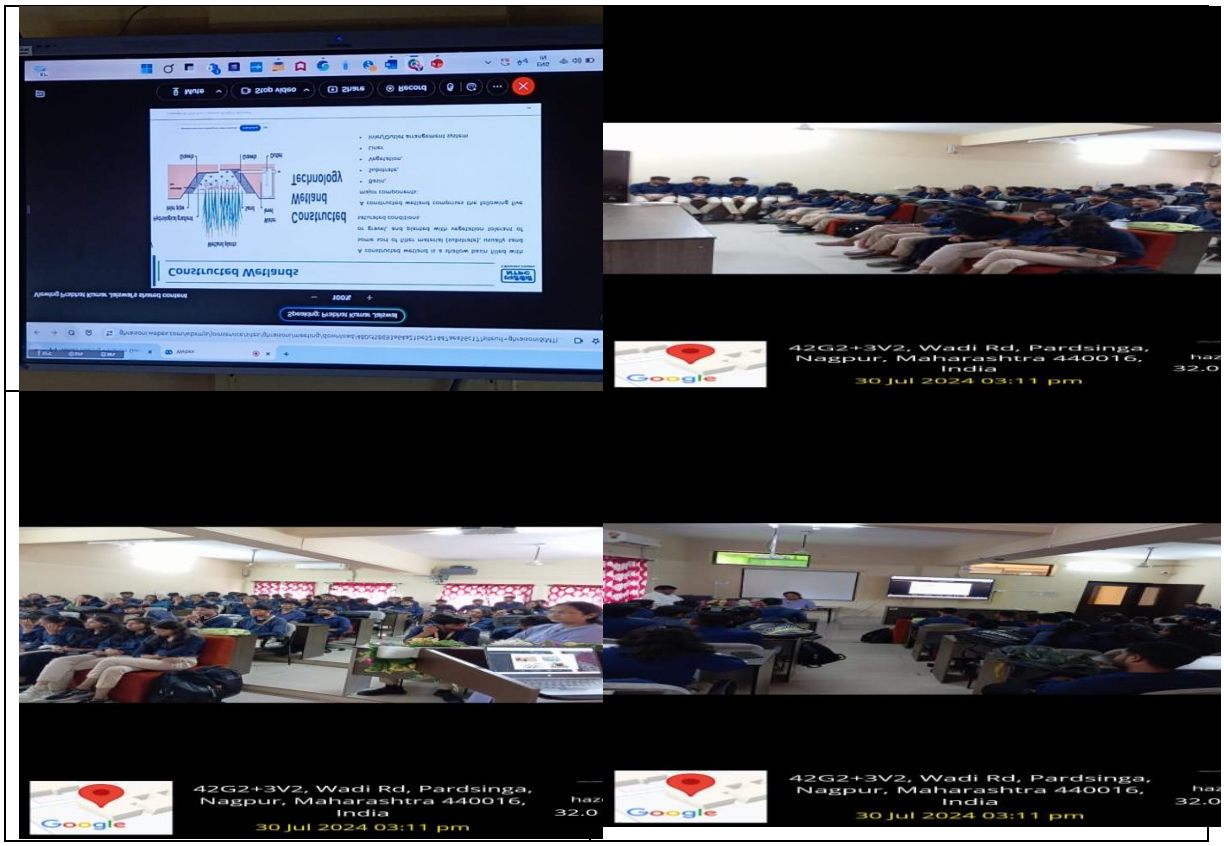
Glimpses of CIVISTA FORUM 2K22 INSTALLATION

Department of Civil Engineering

(Accredited By NBA)

Date: 30/07/2024

"Guest lecture on 'Wastewater Management"



Guest lecture on 'Wastewater Management' was conducted on 30th July 2024 from 3 PM -4.30 PM at the G. H. Raisoni College of Engineering and Management, Nagpur. The lecture was organized for 5th and 7th semester students. Dr Prabhat Kumar Jaiswal (Dy. Manager and Head of Chemistry and Environmental Department NTPC Auraiya, Uttar Pradesh) who was the guest speaker, Explained Wastewater management practices adopted in corporate world and specially in NTPC . He also explained Zero waste policy of the corporate sector and quoted few examples of modern technology. More than 80 students understood the role and opportunities for Civil Engineers in

Public sectors and corporate world. The lecture also emphasized the famous 3R Policy and Environmental sustainability. The students got awareness about the Corporate

Social Responsibility (CSR). We sincerely appreciate the guidance, support and inspiration provided by Hon'ble Principal, Dr. Vivek Kapur Sir and HOD Civil Dr. Mahesh Raut Sir for guiding us to make this event a great success.

The Event was Co-ordinated by Ms. Abhilasha Deshmukh and Dr. Santosh Verma.

Department of Civil Engineering

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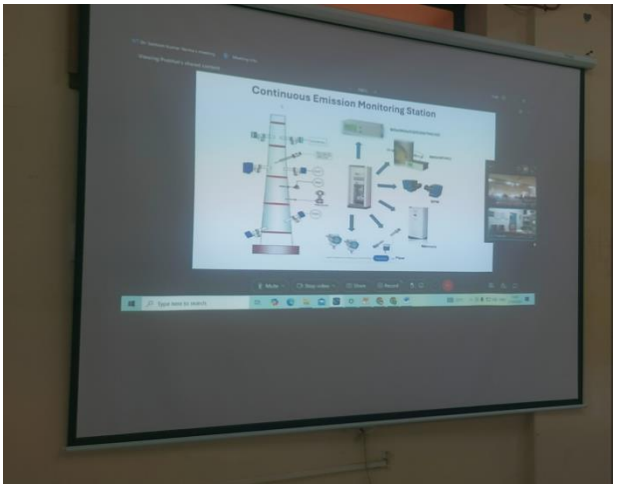
Date: 27/09/2024

Guest lecture on Environnemental Science

I am pleased to inform you that on September 27, 2024, the Department of Civil Engineering organized a Guest Lecture by Dr. Prabhat Kumar Jaiswal, HOD, department of Environment, NTPC Auraiya. This lecture was arranged for the B.Tech (DSY) odd semester students on Environmental Pollution. The lecture proved to be highly beneficial, providing the 60 participating students with valuable insights into excavation procedures, layout marking, and foundation detailing essential aspects of the Environmental Science subject.

This educational opportunity was organized by Dr. Santosh Kumar Verma. I would also like to express our heartfelt gratitude to our esteemed Director, Dr. Vivek Kapur, GHRCEM, Nagpur, and Dr. Mahesh Raut, Head of the Civil Engineering Department, for their unwavering guidance and support.





Department of Civil Engineering

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Date: 10/09/2024

Content Beyond Syllabus on Direct Shear Test

The "Content Beyond Syllabus" lecture was organized by Civil Engineering Department of G. H. Raisoni College of Engineering and Management, Nagpur for third year students (5th sem students) on 10th Sept 2024. Basically, the lecture conducted on topic **"*Direct Shear Test*"** for the subject **"Foundation Engineering"** delivered by **Dr. Ashwini R. Tenpe**. "Content beyond syllabus" is a technique of practices in which outside syllabus and which was not included in the syllabus are taken. Subject teacher imparted the knowledge related to that topic and explained the students about basic concept of Direct Shear testing with its application in field via presentation. The lecture was very informative and good experience for the students. Total **40** students attending this "Content Beyond Syllabus" lecture.



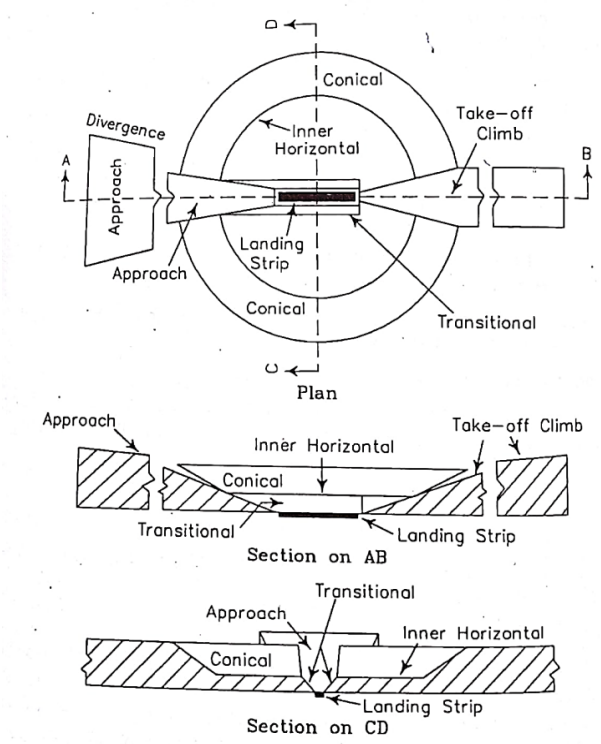


Department of Civil Engineering

(Accredited By NBA)

Date: 17/09/2024

Content Beyond Syllabus on **Airport Imaginary Surfaces**







The Department of Civil Engineering organized Content beyond syllabus on "**Airport Imaginary Surfaces**" for 7thSemester B.Tech students on 17 September 2024 in Classroom 208.

The **take-off climb** area shall be established beyond the end of runway or clearway for each runway direction intended to be used for the take-off aero planes.

The approach surface shall be established from the smaller ends of runway strip for each runway direction proposed to be used for the landing of aero planes. It comprises of the following.

a. An inner edge of particular length, horizontal and perpendicular to the extended center line of the runway and positioned at a specified distance before the threshold. An elevation of the inner edge shall be equal to the midpoint of the threshold

b. Two sides originating at the ends of the inner edge and diverging uniformly at a specified rate from the extended Centre line of the runway. The surface extends upwards and outwards at a specified slope which shall be measured in the vertical plane containing the Centre line of the runway

c. An outer edge which is parallel to the inner edge. The perspective views of approach surfaces for instrument and non- instrument runways are shown in Figure

d. It extends upwards and outwards from the margin of the inner horizontal surface. The limits of the conical surface shall include the following :

(a) A lower edge immediate with the margin of the inner horizontal surface.

(b) An upper edge located at a specified height above the inner horizontal surface. The slope of the conical 'surface shall be measured in a vertical plane perpendicular to the margin of the inner horizontal surface

The overall session was very knowledgeable and motivational for the students of Civil Engineering Department. Students also interacted well. Approximately 40 plus students attended the lecture with proper disciplined. The lecture was very informative and good experience for the students.The lecture was successfully delivered by Mr. Aaquib Ansari in the Department of Civil Engineering under the guidance of Dr. Mahesh V. Raut (HOD of Civil Department) GHRCEM, Nagpur.

Department of Civil Engineering

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Date: 04/10/2024

Content Beyond Syllabus on **California Bearing Ratio Test**

The "Content Beyond Syllabus" lecture was organized by Civil Engineering Department of G. H. Raisoni College of Engineering and Management, Nagpur for Second year students (3rd sem students) on 4th Oct 2024. Basically, the lecture conducted on topic ***"California Bearing Ratio Test"*** for the subject **"Soil Mechanics"** delivered by **Dr. Ashwini R. Tenpe**. "Content beyond syllabus" is a technique of practices in which outside syllabus and which was not included in the syllabus are taken. Subject teacher imparted the knowledge related to that topic and explained the students about basic concept of CBR testing with its application in field via presentation. The lecture was very informative and good experience for the students. Total **63** students attending this "Content Beyond Syllabus" lecture.





Department of Civil Engineering

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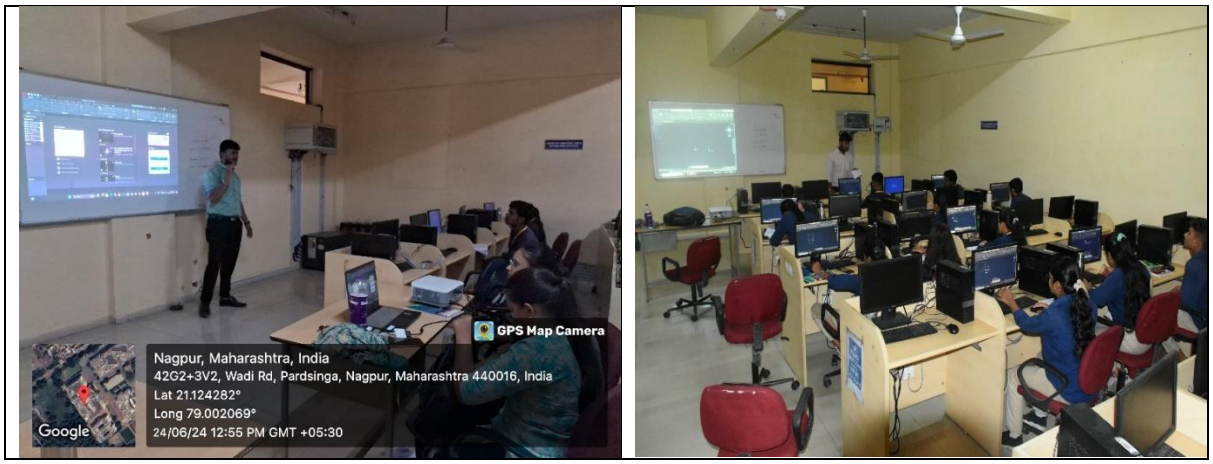
Date: 24/06/2024

Skill training on AutoCAD Software

The Department of Civil Engineering, GHRIET, Nagpur organized a Four-Day Skill Training Programme (Hands-on training) on "AutoCAD Software" for second year students of section L dated on 24/06/2024 and 25/06/2024 (Time: 12:30 pm to 2:30 pm) by the trainer Mr. Vikky Chavhan from Pyramid Designer, Nagpur.

Total 37 no. of students of 3rd semester attended skill training programme. Overall, the session was excellent. The students are able to develop an architectural plan and also learn other features of AutoCAD software which is beneficial for the students of Civil Engineering.

We are very much thankful to Dr. Mahesh Raut sir, Head of Civil Department, and special thanks to Dr. Vivek Kapur sir, Director GHRIET, Nagpur for their guidance and support.

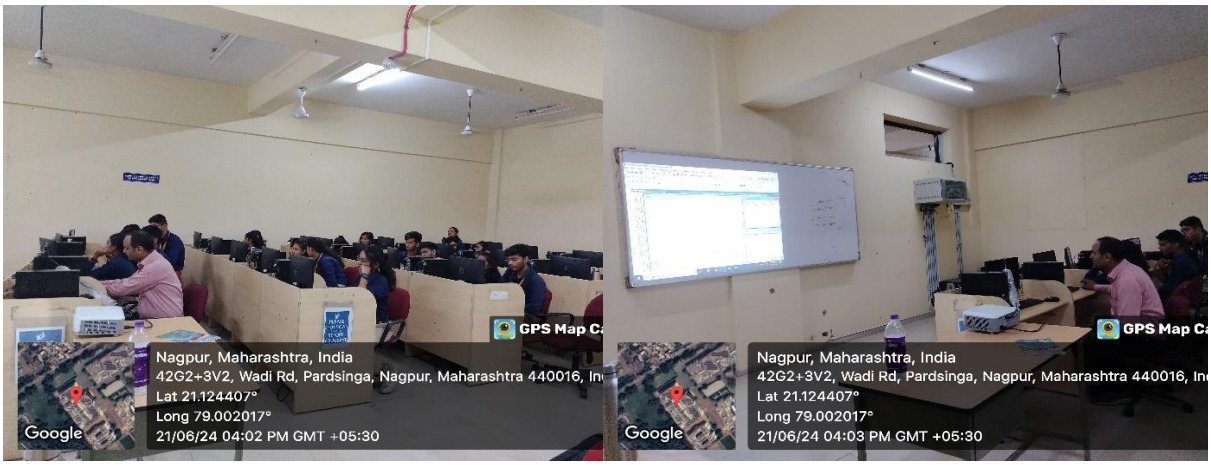


Department of Civil Engineering

(Accredited By NBA)

Date: 19/07/2024

Skill Training – Staad Pro



A skill training programme on 'STAAD-Pro' was conducted from 19th July to 22nd 2024 from 2.30 PM – 6.30 PM at the G. H. Raisoni College of Engineering and Management, Nagpur, With help of 'CAAD CENTER' Institute. Mr. Deogirikar was the instructor. The event was coordinated by Ms. Abhilasha Deshmukh and Dr Ashwini Tenpe.

The event was a success. We reached our goal to train students to use **STAAD-Pro**. It is an achievement for the Civil Department. Overall, the feedback we received was overwhelmingly positive, with 100 percent of participants commenting favorably on the experience.

STAAD-Pro is software which is widely popular with civil engineers. It is a highly scalable software with easy-to-use installations, which also provides a platform to research before the design is executed. It is essential software that is most useful for civil engineers and architects as well as in government organizations as it proves to be extremely beneficial in the structural designing industry.

Department of Civil Engineering

(Accredited By NBA)

Date: 16/08/2024

Industrial Visit-NEERI

I am pleased to inform you that on August 16, 2024, the Department of Civil Engineering organized a site visit to **National Environmental Engineering Research Institute (NEERI) Nagpur**, managed by **Shri Prakash Kumbhare** (Scientific visit-in-Charge), Sr. Principal Scientist. This visit was arranged for the B.Tech V semester students.

I extend our sincere appreciation to **Dr. Atul Vaidya**, **Director, NEERI** for providing the facility and organised lecture on "Understanding of Climate Change and Corrective Action" by **Prof. Chetan Singh Solanki, Professor, IIT Bombay & Founder, Energy Swaraj Foundation** at NEERI Auditorium and also thankful to **Dr. Nitin Labhsetwar**, Chief Scientist, **Dr. Lal Singh**, Principal Scientist, **Dr. Ritesh Vijay**, Sr. Principal Scientist, **Dr. M.P. Patil**, Chief Scientist, for his impeccable coordination and hospitality. The visit proved to be highly beneficial, providing the 30 participating students with valuable insights into excavation procedures, layout marking, and foundation detailing—essential aspects of the Energy and Environmental Engineering subject.





Department of Civil Engineering

(Accredited By NBA)

Date: 13/08/2024

Site Visit at Gloria Apartment, Nagpur

The site visit is organized in Department of Civil Engineering at **"Gloria Apartment, Anurag Developer, Keshav Nagar, Jaitala road, Nagpur"** for B-tech 3rd semester students on 13th August 2024. We appreciate the flawless coordination and hospitality provided by **Mr. Vikky Chavhan** (CEO, Pyramid Designer, Nagpur).

Overall, the visit was excellent. Total 30 no. of students has present for the site visit. The students were able to understand the different elements of building, plan and elevations of a building and detailing of each component of buidling etc. which are beneficial for the students of Civil Engineering for the Subject **Soil Mechanics**. **Dr. Ashwini Tenpe** has organized this visit. This is an activity conducted under a **MoU signed between Pyramid Designer, Nagpur and the Institute.**





Department of Civil Engineering

(Accredited By NBA)

Date: 21/09/2024

Site Visit at 'Kaprecon Sleeper Industry - Butibori



Department of civil Engineering organised Site visit at "Kaprecon Sleeper Industry (Butibori) Nagpur" which was conducted by Mr. Aaquib Ansari and Dr. Monika Jain for Advanced Transportation Engineering (UCEL 412) subject for 4th-year (7^{th} Sem) on 21th September 2024. The site is managed by Mr. Pravin Shinde (Site Incharge), Senior Engineer. A total of 30 students have visited the sleeper Industry.

The visit is proved to be highly beneficial, providing the 30 participating students with valuable insights into essential aspects of the Railway Sleeper casting and testing for Advance Transportation Engineering subject. Students learned about inspection of their manufacturing facilities, focusing on the production of railway sleepers. The visit would include observing quality control processes, safety measures, and the materials used in sleeper production.

We extend our sincere appreciation to Er. Shinde and Mr. Chaple for their impeccable coordination and hospitality. I am thankful to our respected director, Dr. Vivek Kapur for their continuous unwavering guidance. I am also thankful to the Head of the department Dr. Mahesh Raut for always encouraging us to engage students in such activities.

Department of Civil Engineering

(Accredited By NBA)

Date: 24/07/2024

Site Visit on Steel truss

Civil Engineering Department of G. H. Raisoni Collage of Engineering & Management, Nagpur, organized Site Visit for 5th & 7th semester section A students on 24-Jun-2024





The practical session on steel truss for the 3rd and 5th sem student at RTPS, Laxminagar, is a commendable initiative to bridge the gap betwwen theoretical knowledge and Real-world application.

Under the guidance of Dr, Vijay K Kotapati, Mrs. Abhilasha Deshmukh madam, and with the support of the beloved Civil Engineering Department Head, student are gaining invaluable hand-on experience.

The Department gratitude towards the Honorable Director sir, for providing access to the construction site exemplifies the commitment to enhance the academic journey of Civil Engineering Student. Especially during the demanding period of NACC accreditation, the Department of Civil Engineering gives a bow to the Dr. Vivek Kapur sir for his time and consideration

Department of Civil Engineering

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