

TREE PLANTATION DRIVE 2021

Department of Civil Engineering under the banner of Civil Engineering Student's Association (CESA) organized, "**Tree Plantation Drive**" on 4th September 2021. CESA is the body of Civil Engineering students governing the activities of the department. **The event** was organized on the account of **Teachers Day**.

This initiative was taken to create awareness among individuals and in society, about bamboo plantation, which is the crucial element in **balance of Oxygen and Carbon-dioxide in the atmosphere**. Around 50 Bamboo and other samplings were planted at RCOEM Sports Campus, Dorli. The event was attended by the CESA team and the staff members of Civil Engineering Department. The plantation drive was conducted by maintaining social distancing norms and regulations.



RCOEM

2021 | TEACHER'S DAY | CESA



BAMBOO PLANTATION DRIVE 2021

Department of Civil Engineering under the banner of Civil Engineering Student's Association (CESA) celebrates **Engineers Day**, organized "**Bamboo Plantation Drive**" on **15th September 2021**. This initiative was taken to create awareness among individuals and in society, about bamboo plantation, The National Bamboo Mission was launched as a centrally sponsored scheme to strengthen the domestic cultivation of more than 136 varieties of bamboo species spread across the country which is the crucial element in **balance of Oxygen and Carbon-dioxide in the atmosphere**. Around 400 Bamboo samplings were planted at RCOEM Sports Campus, Dorli. The event was attended by Principal Dr. R.S Pande, staff members of Civil Engineering Department and CESA team. The plantation drive was conducted by maintaining social distancing norms and regulations of COVID.



National level Power Point Presentation Competition”

Department of Civil Engineering and Civil Engineering Students’ Association (CESA) organized, **“National level Power Point Presentation Competition”** on **“Construction and Demolishing Waste Management”**. Organized for the under graduate students of Civil Engineering of various colleges across India, the competition was arranged on 9th October 2021.

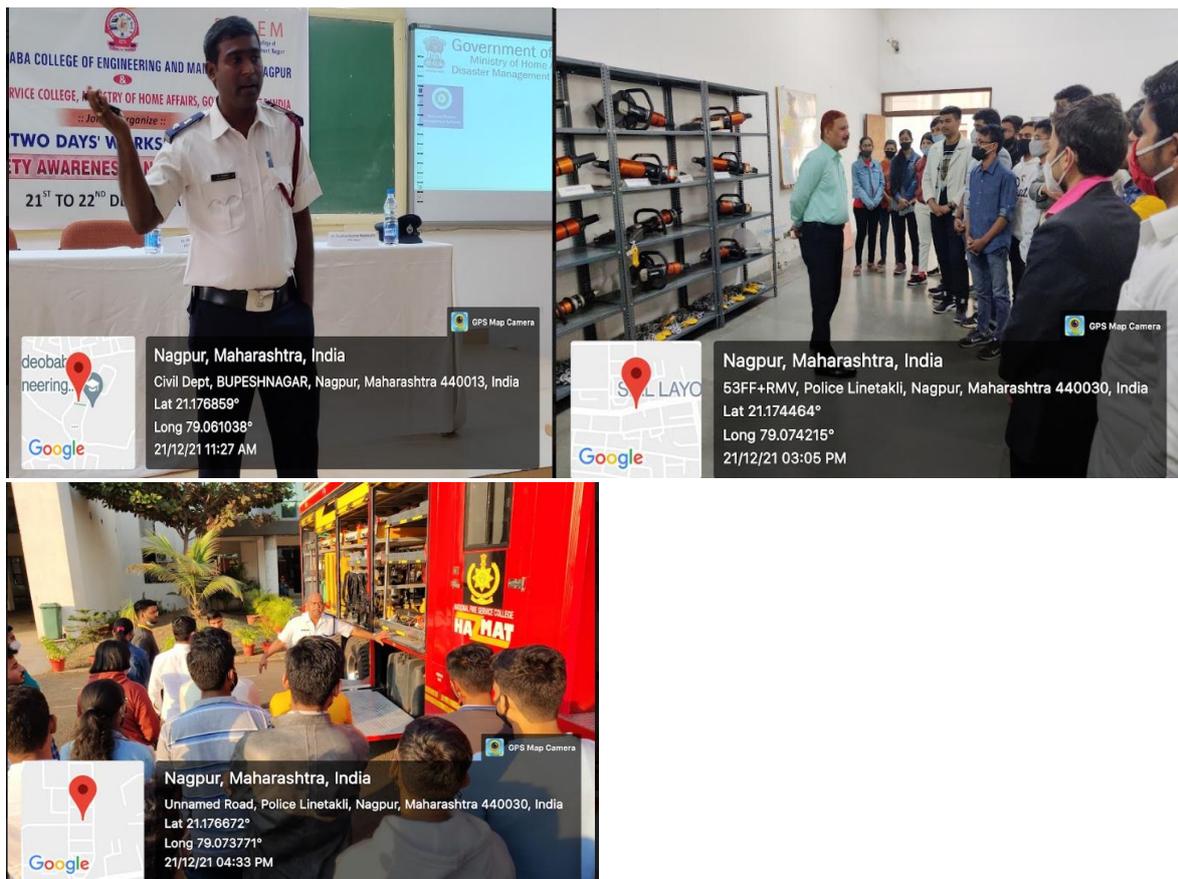
The PPT competition was a huge success; the event was virtually attended by around 30 participants from different colleges across the country. There were 67 registrations (The list of the registered candidates is attached below) for round one and out of them 7 presentations were shortlisted for second round. The session was chaired by **Dr. P. Pravin Kumar Venkat. Rao, Earthquake Research Centre, IIT Hyderabad**, also there were two internal judges appointed for the event.

Two best PPT presentation prizes (Cash Prize) were announced in the session.



“Fire Safety Awareness and Evacuation Plan”

Department of Civil Engineering organized, two days workshop on “Fire Safety Awareness and Evacuation Plan” on 21th & 22th December 2021 in collaboration with National Fire service college, Nagpur. The objective of the workshop is to create awareness about fire safety issues which can help to create a safer and more secured living environment. Workshop is free of cost for participants with limited seats (30 Students). Event will be jointly organised at RCOEM & NFSC campus. On 21th December 2021, the first day of workshop coordinator, Dr. A. A. Mehta brief about the objective of workshop. In inaugural speech, head of Department Dr. M.S. Kadu pointed out need of such workshop. Also they motivate the students to enhance their knowledge & skill to design fire resistant buildings. After inaugural Dr. Gouthamkumar Assistant Professor, NFSC, MHA, GoI conducted first lecture on Basics of Fire Science. He interact with students about basic of fire chemistry. In second lectures Shri. N. Aravindan Assistant Professor, NFSC, MHA, GoI discuss about types of mechanical heat and metal fire and its control. In afternoon session Fire Ground Operations & Fire Vehicles Demonstrations (Live Demos ruction) was done. Students operated various extinguishers and understand working principals and mode of operation of equipments.



“Two Day Workshop on Advanced Construction Techniques and Artificial Intelligence in Civil Engineering”

Department of Civil Engineering organized NEEV 2022 (National Convention of Civil Engineering Students) under the banner of Civil Engineering Student Association (CESA) from 24th to 26th March 2022. On 24th March, various technical competitions like BUILDCON, ELEVATE, CADWARS, CIVIL CLICKS, SIMCITY and TENDERR FILLING were conducted. More than 200 students from in and around Nagpur were participated in these competitions.



Where a two day workshop was organized on, **“Advanced Construction Techniques and Artificial Intelligence in Civil Engineering on 25th and 26th March 2022.** On the first day, the workshop was inaugurated by Er. Naresh Gurbani(Executive Director at Maharashtra, Metro Rail Corporation Limited.) as the Chief Guest. The programme was graced by Head of the Department Dr. M. S. Kadu, CESA Advisor Prof M. S. Tiwari, CESA faculty Incharge Prof Vaishali Rajurkar and other faculty members of Civil Engineering department. The first lecture after the inauguration is delivered by Er. Arun Kumar, General Manager, Nagpur Metro, AFCONS Infrastructure Limited on the Case study of Ramjhula, a Rail Over Bridge at main Railway station. Mr. Subhash Mandhan was the second speaker, he talked on Opportunities in civil Engineering he covered many features of the construction Industry and

new trends associated with it. The second session start with the lecture by Dr Dilip Mase,he focused on the Rehabilitation of structures. The session concluded with a hands-on training on Non-Destructive Testing conducted by team of P. T. Mase Associates.



In last session Dr. Sarang Paranjpe, Director of imaGIS Engines Solutions Private limited was talked on Drone Survey where the it is concluded with a Hands-on session on drone surveying, participants were taken active part in the event. Around 150 students from various colleges of Nagpur attended the Workshop.

