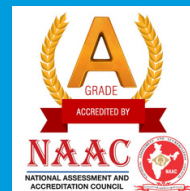



DEPARTMENT OF CIVIL ENGINEERING


NEWSLETTER



AN INTERACTIVE SESSION ON “CAREER OPPORTUNITIES IN CIVIL ENGINEERING (MPSC & OTHER GOVERNMENT SECTOR)”

Civil Engineers Working in the government sector not just comes with stability and good salary but also with the factor of job security. Indian Engineering Services/MPSC is one of the sought-after field as it provides almost equal benefits as offered to IAS officers and Civil Servants. The versatility of the civil engineering branch exists in the fact that it has ample opportunities for all. Equal numbers of opportunities are available for Civil engineers both in government as well as in the private sector. Various fields in government sector (MPSC) offer jobs for civil engineers: Municipal Corporations, WRD, Metro Rail, National Highway Authority of India, Indian Oil Corporation, Zila Parishads, Public Works Department, Central Public Works Department, Border Roads Organization, Military Engineering Services, Airport Authority of India, Indian Air Force, Railways, Irrigation & Flood control department, Public Health Engineering department, National Hydro-electric Power Corporation, National Thermal Power Corporation, Oil and Natural Gas Corporation Limited, Defence Research and Development Organisation, RITES, DRDO, Pollution Control Boards, Building and Construction department of organizations and the list is endless.

We at department of civil engineering & Civil Engineering Students Association (CESA) had organized an Interactive Session of IES. Abhishek Dhamankar Sir, who is Guide/Speaker/Mentor at Amaravati. With full enthusiasm Departmental Student's Association “CESA” organized an interactive session of IES. Abhishek Dhamankar Sir on “Career Opportunities in Civil Engineering” on 21st April 2022. This function was presided by Dr. S. S. Kadam (Head, Dept. of civil engineering). The purpose of this lecture was to give idea about Government exams to the students. They would get benefited to understand the benefits from expert's personal experiences.

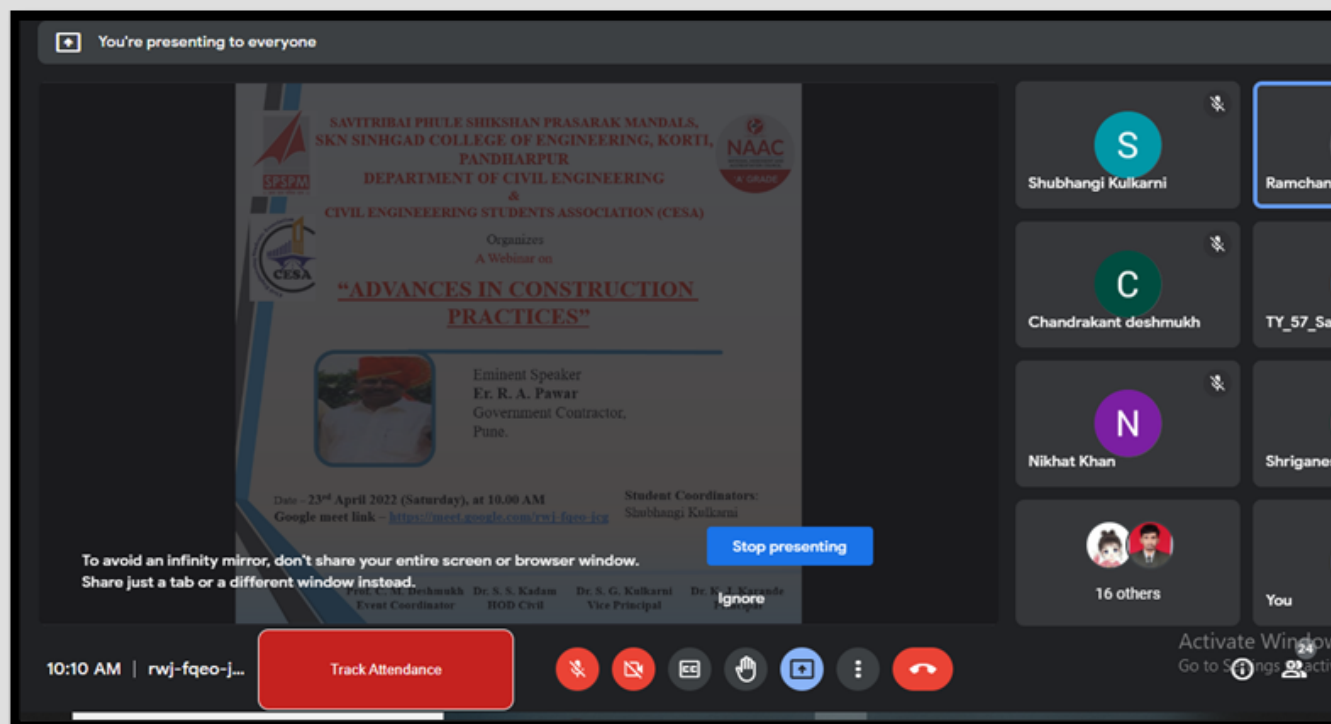
The function was started with felicitation of Speaker and Guest IES. Abhishek Dhamankar Sir by vice principal Dr. S. G. Kulkarni. Followed by this Dr. S. S. Kadam (Head, department of civil engineering) explained purpose of the webinar. Vice Principal Dr. S. G. Kulkarni sir welcomed the guest. Then, IES. Abhishek Dhamankar Sir shared his experience on Career Opportunities in Civil Engineering (MPSC & Other Government Sector). He also appreciated the organizing committee for their keen involvement in such a most excellent program. He also emphasized on benefits of student's participation in such events. The function was concluded with vote of thanks by Prof. Y. P. Pawar. Lot of efforts was taken by all CESA committee members and students for successful accomplishment of this program.

No. of Students Attended: 150

SKN SINHGAD COLLEGE OF ENGINEERING NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING

A WEBINAR ON "ADVANCES IN CONSTRUCTION PRACTICES"



Every construction project is different, every site is a singular prototype, construction works are located in different places, and involve the constant movement of personnel and machinery. In addition, the weather and other factors can prevent the application of previous experience effectively. The term 'Advances in Construction Practices' covers a wide range of modern techniques and practices that encompass the latest developments in materials technology, design procedures, quantity surveying, facilities management, services, structural analysis and design.

We at department of civil engineering & Civil Engineering Students association (CESA) had organized an online webinar of Er. R. A. Pawar, who is Government Contractor at Pune, on "Advances in Construction Practices" on 23rd April 2022.

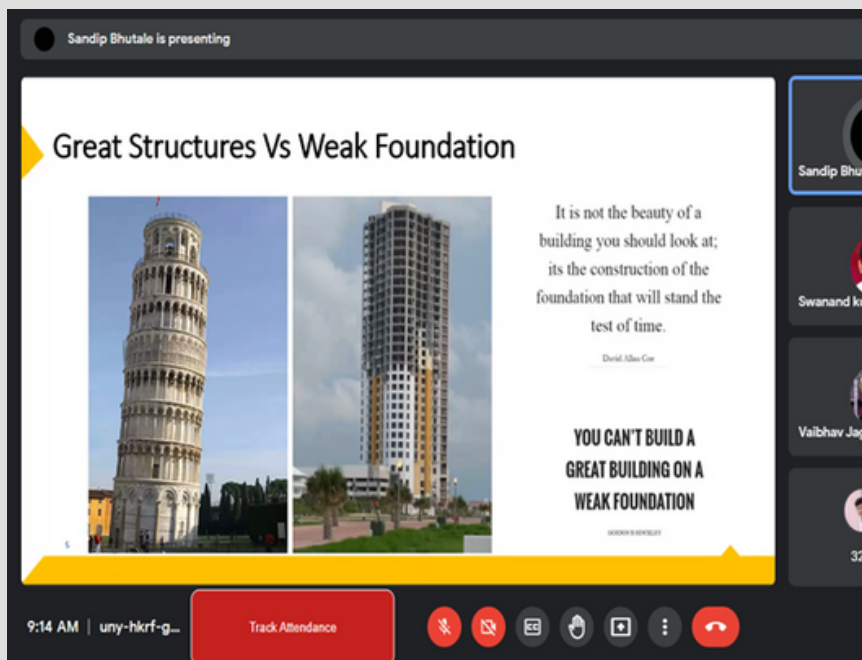
This function was presided by Dr. S. S. Kadam (Head, Dept. of civil engineering). The purpose of this lecture was to give idea about Construction Technology to the students. They would get benefited to understand the benefits from expert's personal experiences.

The function was started with felicitation of Speaker and Guest Er. R. A. Pawar by Dr. S. S. Kadam (Head, Dept. of civil engineering). After this Dr. S. S. Kadam sir introduced guest speaker. Followed by this Er. R. A. Pawar sir shared his views on "Advances in Construction Practices". He also appreciated the organizing committee for their keen involvement in such a most excellent program under CESA. He also emphasized on benefits of student's participation in such events. The function was concluded with vote of thanks by Prof. S. G. Rathod. Lot of efforts was taken by all CESA committee members and students for successful accomplishment of this program.

No. of Students Attended: 30

A Webinar on

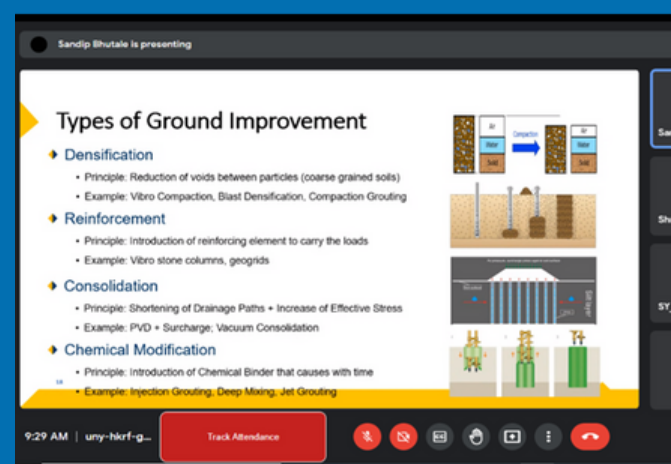
“GROUND IMPROVEMENT TECHNIQUES.”



Ground improvement is the procedure typically defined as using mechanical means to improve poor ground conditions. Ground improvement methods improve the engineering properties of the soil mass which is treated to meet project performance requirements. In the early times before the advancement in the geotechnical engineering, the only chance for the foundation engineers was to design the foundation matching to the sub soil conditions at the provided site. But now a day due to the improvements in geotechnical techniques and with the help of latest technology it is possible for us to modify the weak foundation soil to the strength and compressibility characteristics to suit the foundation of our choice. Thus, these geotechnical processes of improving the quality of the foundation soil to our desired quality are called as ground improving techniques. We at department of civil engineering & Civil Engineering Students Association (CESA) had organized an Online Webinar of Er. Sandip Shivaji Bhutale, who is Geotechnical Engineer at Keller India, Mumbai.

With full enthusiasm Departmental Student's Association "CESA" organized an Online Webinar of Er. Sandip Shivaji Bhutale on "Ground Improvement Techniques." on 3rd April 2022. This function was presided by Dr. S. S. Kadam (Head, Dept. of civil engineering). The purpose of this lecture was to give idea about Ground Improvement Techniques to the students. They would get benefited to understand the benefits from expert's personal experiences.

The function was started with felicitation of Speaker and Guest Er. Sandip Shivaji Bhutale by Prof. S. G. Rathod. Followed by this Dr. S. S. Kadam (Head, department of civil engineering) explained purpose of the webinar. Vice Principal Dr. S. G. Kulkarni sir welcomed the guest. Then, Er. Sandip Shivaji Bhutale shared his experience on Ground Improvement Techniques. He also appreciated the organizing committee for their keen involvement in such a most excellent program. He also emphasized on benefits of student's participation in such events. The function was concluded with vote of thanks by Prof. S. G. Rathod. Lot of efforts was taken by all CESA committee members and students for successful accomplishment of this program.



A Webinar on
“Ground Improvement
Techniques.”

“PRACTICAL APPROACH TO THEODOLITE TRAVERSING.”



So far, we have been measuring horizontal angles by using a Compass with respect to meridian, which is less accurate and also it is not possible to measure vertical angles with a Compass. So, when the objects are at a considerable distance or situated at a considerable elevation or depression, it becomes necessary to measure horizontal and vertical angles more precisely. So, these measurements are taken by an instrument known as a **Theodolite**.

With full enthusiasm Departmental Student's Association "CESA" organized an Online Webinar on "Practical Approach to Theodolite Traversing." on 15th March 2022. For this we had an expert speaker Dr. Khalid Mohammad-Husen Bagwan, who is Head, Civil Engineering, Government Polytechnic Karad.

Dr. Khalid shared his views on Practical Approach to Theodolite Traversing. He also appreciated the organizing committee for their keen involvement in such a most excellent program under CESA. He also emphasized on benefits of student's participation in such events. The function was concluded with vote of thanks by Shubhangi Jadhav (Student). Lot of efforts was taken by all CESA committee members and students for successful accomplishment of this program.

No. of Students Attended: 50

“INTERACTION SESSION WITH ALUMNI. MR. AKASH VASEKAR”

Now a days number of opportunities are available for Civil Engineers in IT companies, only students have to be guided properly for the preparation of aptitudes test, interview which required for get selected in IT companies. So, to motivate our students for such preparations, we at department of civil engineering had organized a live interaction session with alumni on 28th January 2022.

In live interaction of alumni Er. Akash Vasekar had done a fair and informative discussion with students and motivated them with his expertise. Students were enthusiastic to see and know many more things about the eminent alumni and questioned him about his secrets of bright future. Speaker explained the key reason for his success is the platform that institute provided to him, and the amount of support provided by the management during his study period. Furthermore, Speaker after sharing his experiences assured all kinds of help, support, and cooperation for the betterment of the students and institute as whole.

The function was started with virtual felicitation of Speaker Er. Akash Vasekar by Dr. S. S. Kadam. Followed by this Er. Akash Vasekar shared his views and experiences on preparation strategy to acquire jobs in IT sector. He also emphasized on benefits of student's participation in such events. The function was concluded with vote of thanks by Asst. Prof. Rohit Gaikwad. Lot of efforts was taken by all CESA committee members and students for successful accomplishment of this program.

