

Shri Ramdeobaba College of Engineering and Management, Nagpur

Report on One Week training program on “Workman Practice Oriented Professional Training”

Civil Engineering Department of Shri Ramdeobaba College of Engineering and Management, Nagpur (RCOEM) has organized One Week training program on “Workman Practice Oriented Professional Training” for faculties, students and working professionals during 18-23 July 2022. Dr. Virindra K Raina was the resource person for this training program. Around 100 participants consisting of UG/PG/PhD students, faculties from various colleges, practicing engineers and government officials from PWD have participated in this one week training program.

Following topics were covered during this six days event

1. Development of the bridge-form globally during the past 3500 years
2. Why do bridges in our part of the world distress and demise much earlier than in many of the 1st world countries
3. Economics and quality trends in alternative bridge structures schemes
4. Economics and quality trends in alternative flyover structures schemes

This training program was conducted in MBA Auditorium of RCOEM, Campus. During the inauguration function, Dr. Rajesh Pande, Principal, RCOEM and Dr. M. S. Kadu, HoD Civil were present. Dr. V. K. Rain was felicitated by Principal Dr. Rajesh Pande during the inauguration.





On the very first day topic of “Development of the bridge-form globally during the past 3500 years” was covered in details by Dr. V. K. Raina. During his presentation, he has wonderfully explained development of bridges right from simple wooden log to modern bridges.

On the second and third day, Dr. Raina explained “Why do bridges in our part of the world distress and demise much earlier than in many of the 1st world countries”. Dr. Raina explained, in details, all possible mistakes, right from engineering fundamentals to design and execution, leading to distress and demise of bridges earlier to its design and service life in India. He also explained those 19 points that are mainly misinterpreted and unknown to many of the practicing engineers and academicians.

In the next two day, Dr. Raina covered a topic of “Economics and quality trends in alternative bridge structures schemes”. He explained various types of bridges, its components and costing of such bridges. He explained work of his life time through charts that can act as ready reckoner for young bridge engineers.

On the last day, Dr. Raina delivered lecture on “Economics and quality trends in alternative flyover structures schemes”. He explained various types of configuration that could be used for similar type of flyover and economy could be achieved.

Valedictory session was conducted after the end of last session wherein Principal Dr. Rajesh Pande was present. He also presented a memento to Dr. Rain. Many of the participant expressed their view about this training program during the valedictory session.



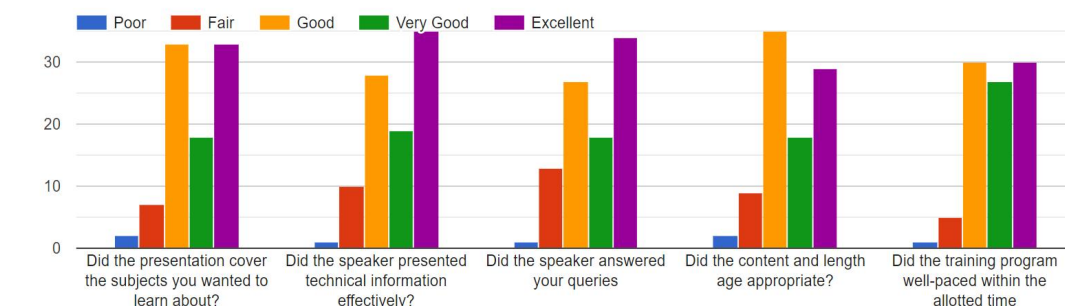
A Google Form was circulated among the participants for collect the feedback form the participants. Some of the feedback received as follows

- The session was very profitable and inspirational as the speaker was really knowledgeable and excited to deliver the knowledge to us. I would like to attend such sessions in the future as well.
- Knowledge of Sir was Great on his behalf! He was excellent throughout sessions! Got minute details of Technical knowledge in Civil field!
- It was an amazing experience throughout. Thanks to sir for sharing such an important knowledge among us
- Need more speakers like V K RAINA
- The course taught us about what should be done on site. How to evaluate which method is best suitable to do the job. Also taught us what mistakes we are doing on sites.
- Sir focused on the basics mistake in construction. Basically he focused on the mistake while constructing the bridges. These mistakes are so basic that every contractor misses or ignores the step.
- For me, the training generated a lot of ideas about how to continue to expand my skills and my professional qualifications.
- The way the content was delivery and the quality of contents also the way importance of engineering was delivered
- Lear about actual practice in working field and gain field knowledge+therotical knowledge to succeed in life moto of program.

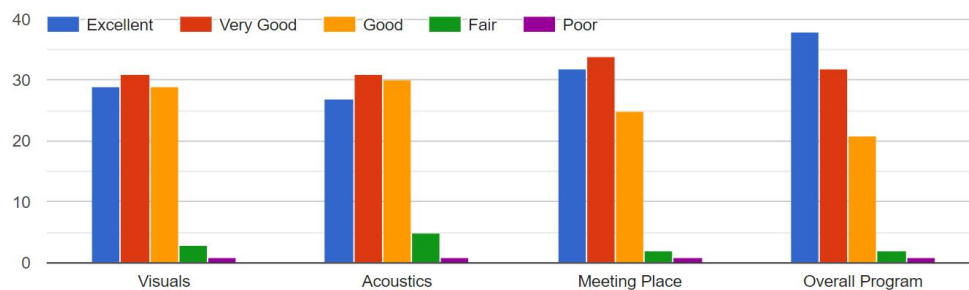
- I appreciate the way of explaining any concept from the scratch to whole, and making it imagine to the audience. No doubt, I learned lots of new facts about construction and that has added value to my knowledge.
- The way sir took time to explain each and every word minutely was really amazing and the way he cleared out our wrongs concept very effectively. Looking forward towards attending many more lectures from sir!

The feedback about event and venue is as below

About the event



About the venue



At the outset, we thank AICTE for providing an opportunity to arrange this training program and providing an eminent speaker like Dr. Virindra Raina for six days. We request your kind support in organizing similar event in near future.