



# Panipat Institute of Engineering and Technology

Approved by A.I.C.T.E. & Affiliated to Kurukshetra University, Kurukshetra  
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## Department of Civil Engineering


Ref. No.: PIET/CE/ICT/2024/01

Date: 18<sup>th</sup> March 2024

### NOTICE

#### Session on “Quality assurance (QA) and quality control (QC)”

This is for the information of all concerned that the Department of Civil Engineering is organizing a session on **“Quality assurance (QA) and quality control (QC)”** on **25<sup>th</sup> March 2024**. The session will start at 1: 00 PM in Conference Hall, First Floor, Admin Block. The event will be coordinated by Mr. Devender (Assistant Professor, Civil Engineering Department). Interested students can contact the event coordinator with further queries. He will carry out all necessary arrangements for the event.

  
HEAD  
CIVIL ENGINEERING DEPARTMENT  
PANIPAT INSTITUTE OF ENGINEERING TECHNOLOGY  
SAMALKHA (PANIPAT)  
Head of Department

CC

Notice Board



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## Report on “Quality assurance (QA) and quality control (QC)”

Event Details	
<b>Title of the Event</b>	Quality assurance (QA) and quality control (QC)
<b>Date of the Event</b>	25 <sup>th</sup> March, 2024
<b>Timings</b>	11:00 AM onwards
<b>Venue</b>	Conference Hall, First Floor, Admin Block
<b>No. of Participants Enrolled</b>	13
<b>No. of Participants Attended</b>	13
<b>Mode</b>	Offline
<b>Resource Persons</b>	Mr. Parveen Sihag Assistant Professor Civil Engineering Department Chandigarh University Ph. No.: 8397986811
<b>Coordinator</b>	Mr. Devender

The Department of Civil Engineering at Panipat Institute of Engineering and Technology (PIET) hosted a session focusing on Quality Assurance (QA) and Quality Control (QC) in civil engineering. The event, which aimed to enhance participants' understanding of critical quality management practices in construction, was coordinated by Devender. The session featured Dr. Parveen Sihag, an expert in the field, as the resource person. The head of the department, Mr. Gaurav Kumar, welcomed and facilitated Dr. Sihag, setting the stage for an insightful and productive session. The session began with an introduction to the fundamental concepts of Quality Assurance and Quality Control, highlighting their importance in ensuring the durability, safety, and reliability of construction projects. Dr. Parveen Sihag provided a comprehensive overview of QA and QC processes, distinguishing between the two and emphasizing their roles in different phases of a project. Quality Assurance, as explained by Dr. Sihag, is a proactive process that involves the systematic monitoring and evaluation of various aspects of a project to ensure that quality standards are met from the beginning. He discussed the development and implementation of quality management systems, adherence to regulatory standards, and the importance of documentation and audits in maintaining consistent quality throughout the project lifecycle. On the other hand, Quality Control was presented as a reactive process, focusing on the identification and correction of defects or deviations in the final product. Dr. Sihag elaborated on the various QC techniques, such as inspections, testing, and sampling, that are employed to verify the quality of materials and workmanship. He stressed the need for rigorous testing protocols to ensure that construction materials and methods meet the specified requirements.

The session also addressed the role of technology in enhancing quality management in construction. Dr. Sihag introduced various software tools and digital platforms that aid in quality monitoring, reporting, and documentation. He emphasized the growing importance of integrating technology with traditional QA and QC practices to achieve greater efficiency and accuracy. Throughout the session, participants had the opportunity to interact with Dr. Sihag, asking questions and seeking advice on specific quality-related issues they have faced in their projects. The interactive nature of the session facilitated a deeper understanding of the subject matter and allowed participants to relate the concepts discussed to their practical experiences.



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In concluding remarks, Mr. Gaurav Kumar thanked Dr. Parveen Sihag for his valuable insights and expertise. He praised the participants for their active involvement and encouraged them to apply the knowledge gained in their professional work. The session on Quality Assurance and Quality Control was a resounding success, equipping participants with essential skills and knowledge to enhance the quality of their projects. The Department of Civil Engineering at PIET remains committed to providing such enriching learning opportunities to its students and professionals.

### **Picture of session**



Picture: Dr. Parveen Sihag delivering the lecture on QA and QC



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## Quality assurance (QA) and quality control (QC)

### List of Attendees

Sr. No.	Roll No.	Name	Department	Year	Sign
1	2820701	RAKSHIT SHARMA	Civil	Fourth	Rakshit
2	2820702	PARSHANT ROHILLA	Civil	Fourth	Parshant
3	2820703	PARIT JAIN	Civil	Fourth	Parit
4	2820714	GAURAV KUMAR	Civil	Fourth	Gaurav
5	2820715	VISHWAS	Civil	Fourth	Vishwas
6	2820718	SONU KUMAR	Civil	Fourth	Sonu
7	2820719	CHIRAG JHUNJHRIA	Civil	Fourth	Chirag
8	2820720	KUNAL	Civil	Fourth	Kunal
9	2820725	DIKSHA SHARMA	Civil	Fourth	Diksha
10	2821992	AMRITPAL SINGH	Civil	Fourth	Amrit
11	2821993	AADESH	Civil	Fourth	Aadesh
12	2822961	ARIN	Civil	Third	Arin
13	2822963	DHRUV SEHGAL	Civil	Third	Dhruv

Mrs. Devender  
co-ordinator