



# SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT  
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai  
(A Telugu Minority Institution)

## 22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS EVENT REPORT

Name of the Course: Quality Assurance and Quality Control in Constructions

Name of the Instructor: Dr. Sivasubramanian, Asst.Prof, SVCET

Mrs.S. Lekha, AP, SVCET

Year and Branch: II, III & IV – CIVIL ENGINEERING

Duration of Course: 32 Hrs (27.02.2023 to 04.03.2023)

### SUMMARY OF THE EVENT:

The Course was inaugurated on 27.02.2023 at 8.30 am by our respectable Principal and HOD. As per the Course plan session was started and went smooth for the Remaining days. On the last day 04.03.2023 by 12.45 pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained a knowledge on “Quality Assurance and Quality Control in Constructions”

### ASSESSMENT MODE:

No of Students Enrolled: 65

Scheme of Exam: Offline

No of Students appeared: 65

No of Students Passed: 65

Date of Exam: 04.03.2023

### OUTCOME:

- The students were able to the elements of quality planning and the implication
- They were aware of objectives and advantage of quality assurance
- They have exposed to means of quality control

COORDINATOR  
(Mrs.S.Lekha)

HOD/CIVIL  
(Mr.V. Varunkumar)



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### 22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS TEST QUESTION

1. At a work site, statistical quality control of concrete means
  - (a) Measurement of risks to eliminate failures
  - (b) Applying the theory' of probability to sample testing or inspection**
  - (c) Reduction in wastage of inspection costs
  - (d) Reduction in costs for the removal of defects
2. Definition of Quality is \_\_\_\_\_.
  - (a) It is conformation to specification.
  - (b) It is about meeting the needs of the customer.
  - (c) It is reduction in variability.
  - (d) All of the above**
3. Which of these is not a definition of Quality?
  - (a) It is fitness for purpose
  - (b) It is guarantee for work done**
  - (c) It is customer satisfaction
  - (d) It is value for money
4. Which are the indicators of good quality in a structure?
  - (a) Design of building is structurally sound.
  - (b) Proper materials are selected for proper purpose
  - (c) Workmanship is excellent
  - (d) All of the above**
5. Which of this is not a good quality indicator in a structure?
  - (a) Adequate testing is done and results are satisfactory
  - (b) Construction is supervised by technically qualified person
  - (c) Expensive method of construction is adopted**
  - (d) Construction team is quality conscious
6. In construction industry QCIP stands for \_\_\_\_\_.
  - (a) Quantity Costing and Integration Program
  - (b) Quality Control and Improvement Program
  - (c) Quality Control Inspection Program**
  - (d) Quality Control Internal Program
7. Quality is not maintained by contractor because of \_\_\_\_\_.
  - (a) To earn more profit using inferior material
  - (b) To complete the work early
  - (c) To cover up mistakes without rectifying them
  - (d) All of the above**



  
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8. Person authorized to conduct QCIP should be \_\_\_\_\_.
  - (a) Qualified
  - (b) Independent
  - (c) Responsible
  - (d) All of the above**
9. The minimum content of QCIP should be \_\_\_\_\_.
  - (a) Project introduction and proposed construction
  - (b) Organization chart of inspection force
  - (c) Number and specialties of inspectors proposed
  - (d) All of the above**
10. Which of these is not required as content of QCIP?
  - (a) Frequency of testing
  - (b) Schedule of fund flow**
  - (c) Schedule of all major activities of construction
  - (d) Planned use of consultants
11. What are the steps of quality control?
  - (a) Evaluate actual operating performances
  - (b) Compare actual performance to goals
  - (c) Act on the difference
  - (d) All of the above**
12. Which of these is not a factor affecting Quality Control?
  - (a) Employees of an organization
  - (b) Site location**
  - (c) Skills of workers
  - (d) Supervision standards
13. What are the advantages of quality control?
  - (a) Reduction in construction cost
  - (b) Less inspection required
  - (c) Both A & B**
  - (d) Only A
14. Full form of SQC is \_\_\_\_\_.
  - (a) Statistical Quality Control**
  - (b) Substandard Quality Control
  - (c) Site Quality Control
  - (d) Substantial Quality Control
15. Statistical Quality Control applied for \_\_\_\_\_.
  - (a) To maintain quality
  - (b) To improve quality
  - (c) To solve quality problems
  - (d) All of the above**



  
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16. SQC does not consist of \_\_\_\_ activity.
  - (a) Systematic collection and graphical representation of resource data
  - (b) Agreement of quality control**
  - (c) Analyzing the data
  - (d) Rectification by practical means if found deviation
17. Which of these is not an objective of SQC?
  - (a) To know the trend of variables in the quality
  - (b) To decide the suitable quality level
  - (c) To assess the risk of project failure**
  - (d) To reduce scrap and spoiled work
18. QA Stands for \_\_\_\_.
  - (a) Quality Assessment
  - (b) Quality Assurance**
  - (c) Quality Approval
  - (d) Quality Appraisal
19. Quality Assurance is a sum of \_\_\_\_.
  - (a) Quality Design
  - (b) Quality conformance and performance
  - (c) Quality Service
  - (d) All of the above**
20. Quality control means \_\_\_\_.
  - (a) Implementing rules and regulation of safety
  - (b) Implementing policy for accountability
  - (c) Performing activities to ensure quality**
  - (d) Generating revenue through inspection

COORDINATOR  
(Mrs.S.Lekha)



HOD/CIVIL  
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### 22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS TEST QUESTION

Student Reg. No. & Name: 112421103001 & Jaya Prakash . B.S  
Sem & Year: 4<sup>th</sup> & 2<sup>nd</sup> year.

Date: 04/02/2023

- At a work site, statistical quality control of concrete means
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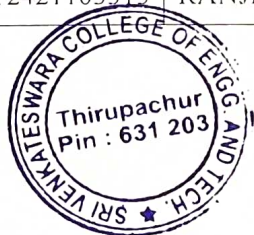
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## 22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS

Course Code	22CEVAC01
Name of the Course	QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS
Duration of the Course	32 HOURS
Academic Year	2022-23
Period of the Course	27.02.2023 TO 04.03.2023

### STUDENTS EVALUATION SHEET

S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
1	II	112421103001	JAYA PRAKASH B S	32	95
2	II	112421103301	BHARATH KUMAR P	32	90
3	II	112421103302	BHARATH KUMAR.K	32	85
4	II	112421103303	DEVA.P	32	85
5	II	112421103304	KUMAR.M	32	90
6	II	112421103305	MAGESH.V	32	85
7	II	112421103306	MANIVANNAN.G	32	85
8	II	112421103307	NAGARAJ.K	32	80
9	II	112421103308	NAVEEN KUMAR.V	32	85
10	II	112421103309	NETHAJI.J	32	85
11	II	112421103310	NIRMAL.S	32	90
12	II	112421103312	RAM KUMAR.K	32	95
13	II	112421103313	RANJITH BHARATHI.J	32	80



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S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
14	II	112421103314	SANTHOSH KUMAR.S	32	90
15	II	112421103315	SATHISH KUMAR.V	32	90
16	II	112421103316	SHYAM SUNDAR.G	32	80
17	II	112421103317	SOUNDARAPANDIAN.M	32	85
18	II	112421103318	SUBASH.S	32	85
19	II	112421103319	SUJIN RAJ.A	32	80
20	II	112421103320	THOULKAPPIYAN..D	32	85
21	II	112421103321	UDHAYA.B	32	90
22	II	112421103322	VINOTH KUMAR.D	32	95
23	III	112420103301	ABISHEK M	32	80
24	III	112420103302	ARUN KUMAR C	32	85
25	III	112420103303	DASARI VENKATESH BABU	32	80
26	III	112420103304	DEEBANAND N	32	85
27	III	112420103305	DINESH KUMAR V	32	80
28	III	112420103307	JAYANTHI K	32	85
29	III	112420103308	KANAGARAJ S	32	80
30	III	112420103309	KARTHICK M	32	85
31	III	112420103310	KEERTHIVASAN E	32	80
32	III	112420103311	KRISHNA KUMAR S	32	85
33	III	112420103312	LOKESH R	32	85
34	III	112420103314	MARAN B	32	85
35	III	112420103315	MURUGAN K M	32	80
36	III	112420103316	NAGABOOSHANAM S	32	80

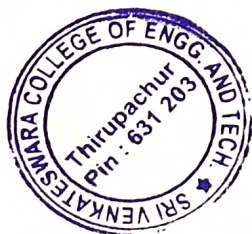


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S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
37	III	112420103318	PARAMESWARI A	32	80
38	III	112420103319	PRAKASH G	32	85
39	III	112420103320	RAJALAKSHMI A	32	85
40	III	112420103323	SAM ALEXANDER D R	32	90
41	III	112420103325	SARAVANAN S	32	85
42	III	112420103326	SHYAM PRASATH S	32	80
43	III	112420103327	SUNDAR B	32	85
44	III	112420103328	TAMILSELVAN B	32	90
45	III	112420103329	THAMBIRAJA T	32	95
46	III	112420103330	UDHAYAN B	32	80
47	III	112420103331	VASANTHA KUMAR S	32	85
48	III	112420103332	VENKATESH A	32	80
49	III	112420103333	VENKATESH M G	32	85
50	III	112420103334	VIDHYADHARAN D	32	90
51	III	112420103335	VIGNESH KUMAR M	32	95
52	III	112420103336	VIJAYA KUMAR M	32	80
53	III	112420103337	YOGESHWAR R	32	85
54	IV	112419103001	AJAY J	32	80
55	IV	112419103002	ANGEL S	32	85
56	IV	112419103003	AWICHAL KUMAR SINGH	32	85
57	IV	112419103004	DINESHKUMAR M	32	80
58	IV	112419103005	NAVEEN S	32	85
59	IV	112419103006	PRASATH G C	32	90



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S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
60	IV	112419103007	RAGHUL R	32	80
61	IV	112419103008	TAMILARASI S	32	85
62	IV	112419103301	GOVARTHANAN K P	32	85
63	IV	112419103302	PRABIN KATHAYAT	32	85
64	IV	112419103303	PUGHAZHENDI S	32	85
65	IV	112419103304	RAJESH S	32	90

COORDINATOR  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms **SUNDAR..B..(112420103327)**.....

Department of Civil Engineering has successfully completed Added Course

titled 'QUALITY ASSURANCE & QUALITY CONTROL IN CONSTRUCTION' held

from 27.02.2023 to 04.03.2023

  
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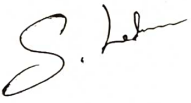
**DEPARTMENT OF CIVIL ENGINEERING**  
**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms **VENKATESH.A (112420102322)**

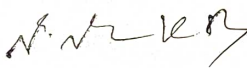
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This is to certify that Mr/Ms **PRASATH G.C. (11.24.1910.2006)**.....

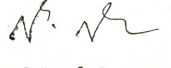
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This is to certify that Mr/Ms **ANGEL S (112419103002)**.....

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This is to certify that Mr/Ms **RAJESH.S.(112419103304)**.....

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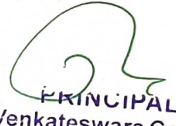
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