

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"

ASSESMENT 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

Thirupachur

in: 631 203

COORDINATOR (Mrs.S.Lekha)

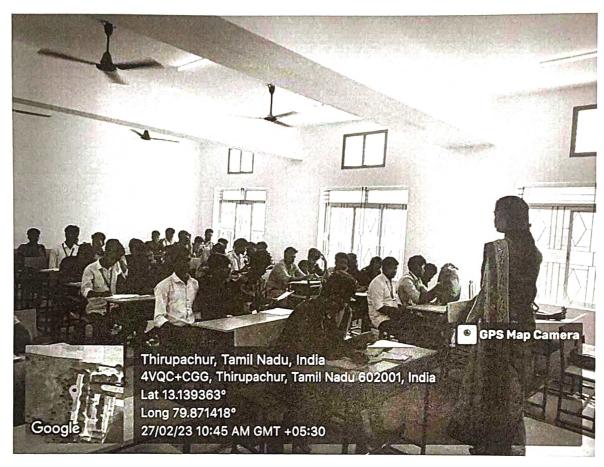
HOD/CIVIL (Mr.V. Varunkumar)



COLLEGE OF ENGINEERING AND TECHNOLOGY

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22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS



Value Added Course on Quality assurance and Quality Control in Constructions handled by Dr. Sivasubramanian and Mrs. S.Lekha





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REQUEST LETTER

From

Mr. V. Varunkumar HOD /CIVIL SVCET Thirupachur.

To

The Principal SVCET
Thirupachur

Respected sir,

Sub: Requesting permission to conduct a 6 Days Value Added Course -Reg

As the Head of Civil Engineering Department, I would like to request your support and permission to conduct Training Program on "Quality Assurance and Quality Control in Constructions" in our department. There is a need that has been identified of keeping the students up to date with the new technologies. Most students would not have knowledge on this area which is not our available in our curriculum. So, there is need for a there is need for this program to challenge the industry opportunities.

The dates for the Training program have been fixed. The Training will start on 27.02.2023 and end on 04.03.2023 (32 Hrs). Will be handled by the **Dr. Sivasubramanian**, **Associate Professor**, **Civil**, **SVCET and Mrs.S. Lekha**, **Assistant Professor**, **SVCET**. I kindly request your assistance in providing Tea and snack for the participants (students).

Please find the attached Invitation, circular to students, and a presentation highlighting the key areas that will be focused in the Training program.

Thanking You

HOD/CIVIL

(Mr. V.Varunkumar)

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PRINCIPAL (Dr.S.Palani)

PRINCIPAL



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20.02.2023

CIRCULAR

The department of Civil Engineering will be conducting value added course on "Quality Assurance and Quality Control in Constructions" from 27.02.2023 to 04.03.2023 (32 Hrs). It is proposed to keep the students up to date with the new technologies.

All the students are requested to participate actively, certificate will be provided for the enrolled Participants.

All the interested candidates should enroll their names to Mr.Udhaya Kumar, Assistant Professor, Department of Civil Engineering on or before 24.02.2023

HOD/ CIVIL

(Mr. V.Varunkumar)

N. M. KM

Thirupachur Con Pin: 631 203

PRINCIPAL (Dk.S.Palani)

PRINCIPAL

Sri Venkateswara College of Engineering and Technology,

Thirupachur Thiruvallur - 631 203



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DEPARTMENT OF CIVIL ENGINEERING QUALITY ASSURANCE AND QUALITY CONTROL IN COORDINATION

Date: 27.02.2023 - 04.03.2023

RESOURCE PERSON

- 1. Dr. Siva Subramanian/Assot Prof/SVCET
- 2. Mr.V. Varunkumar/AsstProf/SVCET

Mr. V. Varunkumar

PRINCIPAL
Sri Venkateswara College of
Engineering and Technology,
Thirupachur, Thiruyallur - 631 203

Dr.S. Palani
PRINCIPAL



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22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS

RESOURCE PERSON PROFILE

RESOURCE PERSON PROFILE-1

Name

: Dr. Siva Subramanian

Designation

: Associate Professor

Department

: Civil Engineering

Organization

: SVCET

Phone Number

: 8056053850

Email.ID

: sivasivam@gmail.com

Qualification

: ME, Ph. D

Experience

: 20 Years

RESOURCE PERSON PROFILE-2

Name

: Mrs.S. Lekha

Designation

: Assistant Professor

Department

: Civil Engineering

Organization

: SVCET

Phone Number

: 9500930982

Email.ID

: lekhas11@gmail.com

Qualification

: ME

Experience

: 4 Years

Thirupachur Pin: 631 203



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22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS COURSE CONTENT

OBJECTIVE

- To understand the elements of quality planning and the implication
- To become aware of objectives and advantage of quality assurance
- To be exposed to means of quality control

MODULE 1: Construction Organization and quality lining: Types of organizations inspection& control and enforcement quality management (systems and Method) responsibilities and authorities in quality assurance and quality control architects& engineers& contractors& and special consultants & quality circle.

MODULE 2: quality policy Objectives and methods in construction industry consumers satisfaction &, economics Time of completion statistical tolerance \$ Taguchi-s concept of quality codes and standards .document contract and construction programming inspection procedures processes and products Total progra and cost implication.

MODULE 3: Quality control: Total quality control quality control by statistical methods (ambling by attributes and by variables election of new materials influence of drawings & detailing specification.

OUTCOMES

OA is focused on preventing defects, and QC is focused on identifying the faults.

COORDINATOR

(Mrs.S.Lekha)

HOD/CIVIL

(Mr.V. Varunkumar)

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PRINCIPAL Sri Venkateswara College of Engineering and Technology,

Thirupachur, Thiruvallur - 631 203



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22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS

COURSE SCHEDULE

	6 Days Train	ning Schedule - Quality assur	rance and quality control in constructions
Day &	Session &	Speaker Name	Session Topics
Date	Time		
Day 1	8.30 am to	Dr.Sivasubramanian,	Construction Organization and quality lining.
&	10.30am	Asso.Professor,SVCET	
27.02.2023	10.45 am to	Mrs.S.LekhaAssistant	Types of organizations inspection& control and
	12.45 pm	Professor, SVCET	enforcement quality management (systems and Method)
	1.30 pm to	Dr.Sivasubramanian,	Responsibilities and authorities in quality assurance and
	3.30pm	Asso.Professor,SVCET	
Day2	8.30 am to	Mrs.S.LekhaAssistant	Quality control architects& engineers& contractors& and
&	10.30am	Professor, SVCET	special consultants & quality circle
28.02.2023	10.45 am to	Dr.Sivasubramanian,	Quality policy Objectives and methods in construction
	12.45 pm	Asso.Professor,SVCET	industry
	1.30 pm to	Mrs.S.LekhaAssistant	Consumers satisfaction &, economics Time of completion
	3.30pm	Professor, SVCET	statistical tolerance
Day 3	8.30 am to	Dr. Sivasubramanian,	Taguchi-s concept of quality codes and standards
&	10.30am	Asso.Professor,SVCET	
01.03.2023	10.45 am to	Mrs.S.LekhaAssistant	Document contract and construction programming
	12.45 pm	Professor, SVCET	inspection.
	1.30 pm to	Dr.Sivasubramanian,	procedures processes and products Total programme
	3.30pm	Asso.Professor,SVCET	and cost implication
Day 4	8.30 am to	Dr.Sivasubramanian,	Quality control: Total quality control
&	10.30am	Asso.Professor,SVCET	
02.03.2023	10.45 am to	Mrs.S.LekhaAssistant	quality control by statistical methods
	12.45 pm	Professor, SVCET	
Day 5	10.45 am to	Dr.Sivasubramanian,	ambling by attributes and by variables election of new
&	12.45 pm	Asso.Professor,SVCET	materials influence of drawings &
03.03.2023	1.30 pm to	Mrs.S.LekhaAssistant	detailing specification.
	3.30pm	Professor, SVCET	
Day 6	8.30 am to	Dr.Sivasubramanian,	Discussion with over all the course
&	10.30am	Asso.Professor,SVCET	
04.03.2023	10.45 am to	Mrs.S.LekhaAssistant	Test and feedback
	12.45 pm	Professor, SVCET	

COORDINATOR

Thirupachur Pin : 631 203

(Mrs.S.Lekha)

HOD/CIVIL

(Mr.V. Varunkumar)

N. N. kn



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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

LIST OF STUDENTS ENROLLED

YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
П	112421103001	JAYA PRAKASH B S	Jaya Pakas
П	112421103301	BHARATH KUMAR P	Bharatheurah
II	112421103302	BHARATH KUMAR.K	Bhaeath Kunae.
II ·	112421103303	DEVA.P	Deva
II	112421103304	KUMAR.M	Kunar
II	112421103305	MAGESH.V	Maguel V.
ΙΪ	112421103306	MANIVANNAN.G	Manivage
II	112421103307	nagaraj.K	Nagaray
II	112421103308	NAVEEN KUMAR.V	Maveen.
II	112421103309	NETHAJI.J	Nothapi J.
II	112421103310	NIRMAL.S	norma-
II	112421103312	RAM KUMAR.K	Rumkuman
II	112421103313	RANJITH BHARATHI.J	Say the Biarul
	II	YEAR NUMBER II 112421103001 II 112421103301 II 112421103302 II 112421103303 II 112421103304 II 112421103305 II 112421103306 II 112421103308 II 112421103309 II 112421103310 II 112421103312	NUMBER





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S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
14	- 11	112421103314	SANTHOSH KUMAR.S	Buther
15	II	112421103315	SATHISH KUMAR.V	Saturt
16	11	112421103316	SHYAM SUNDAR.G	Survey
17	11	112421103317	SOUNDARAPANDIAN.M	Soundaropendia
18	II	112421103318	SUBASH.S	Subkish.s
19	II	112421103319	SUJIN RAJ.A	Siith Roi. A
20	II	112421103320	THOULKAPPIYAND	ThoulkappepnD
21	II	112421103321	UDHA'YA:B	whaya
22	II	112421103322	VINOTH KUMAR.D	Vinothkunar. I
23	III	112420103301	ABISHEK M	& beeld H
24	III	112420103302	ARUN KUMAR C	Anunkumar
25	III	112420103303	DASARI VENKATESH BABU	Dasael.
26	III	112420103304	DEEBANAND N	Deebaran
27	III	112420103305	DINESH KUMAR V	Diresorhumo
28	III	112420103307	JAYANTHI K	Jagarthi K
29	III .	112420103308	KANAGARAJ S	Kanagaraj s
30	III	112420103309	KARTHICK M	hartwell
31	III	112420103310	KEERTHIVASAN E	keerthirasan
32	III	112420103311	KRISHNA KUMAR S	Koushnakuru
33	III	112420103312	LOKESH R	Lokem
34	III	112420103314	MARAN B	Moran
35	III	112420103315	MURUGAN K M	Mwang any
36	III	112420103316	NAGABOOSHANAM S	Mar chael





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S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
37	111	112420103318	PARAMESWARI A	(farameshuga
38	111	112420103319	PRAKASH G	Partiash
39	III	112420103320	RAJALAKSHMI A	Rajalakishmi
40	III	112420103323	SAM ALEXANDER D.R.	Sam alexander
41	III	112420103325	SARAVANANS	Saravaron
42	III	112420103326	SHYAM PRASATH S	Shyan Brasadh
43	III	112420103327	SUNDAR B	Sunday
. 44	III	112420103328	TAMILSELVAN B	Tanita St.
45	III	112420103329	THAMBIRAJA T	Thanberaja.
46	III	112420103330	UDHAYAN B	udhayans
47	III	112420103331	VASANTHA KUMAR S	Gar athkumar
48	III	112420103332	VENKATESH A	Ven Katesk
49	III	112420103333	VENKATESH M G	verkal esty
50	111	112420103334	VIDHYADHARAN D	Widhyadhara
51	- 111	112420103335	VIGNESH KUMAR M	Vignestifumar
52	111	112420103336	VIJAYA KUMAR M	Vijay trual.
53	III	112420103337	YOGESHWAR R	yogashwar
54	IV	112419103001	AJAY J	diry
55	IV	112419103002	ANGEL S	Angele
56	IV	112419103003	AWICHAL KUMAR SINGH	Awichal Luma
57	IV	112419103004	DINESHKUMAR M	Dineshkuman
58	IV	112419103005	NAVEEN S	Swichal Kuman Dineshkuman Naucen Brosath
59	IV	112419103006	PRASATH G C	Brotath





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S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
60	IV	112419103007	RAGHULR	House
61	IV	112419103008	TAMILARASIS	Tanifarai. S
62	IV	1124,19103301	GOVARTHANAN K P	govathavan,
63	IV	112419103302	PRABIN KATHAYAT	Brahinfathayn
64	IV	112419103303	PUGHAZHENDI S	Pughazhardi. Rajeeh
65	IV	112419103304	RAJESH S	Rajech

COORDINATOR
(Mrs.S.Lekha)

Thirupachur Pin: 631 203

N. N. KN

HOD/CIVIL (Mr.V. Varunkumar)

PRINCIPAL
Sri Venkateswara College of

Engineering and Technology, Thirupachur, Thiruvallur - 631 203



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22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS

Course Code Name of the Course	22CEVAC01 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

ATTENDANCE

				27.	02.23	28.0	2.23	01.0	3.23	02.0	3.23	03.0	3.23	04.0	3.23	TOTAL
S.NO			NAME OF STUDENTS	6 HOURS		6 HOURS		6 HOURS		4 HOURS		6 HOURS		4 HOURS		HOURS (32)
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN.	FN	AN	
1	II	112421103001	JAYA PRAKASH B S	love	jayo	fays	jage	fore	JOHN S	Je Je	Jayo	jour	jaga	for	jægja	32
2	II	112421103301	BHARATH KUMAR-P	Bhosath	Brough	Bhasath	Bhasath	Brook	Brown &	Brosch	Blood	Brasch	Black	Daroth	Bareage	32
3	11	112421103302	BHARATH KUMAR.K	Phal	Bhag	Black	Elos	Bhat	Blod	BA	B S	Phal	Bhal	Bho	BOL	32
4	11	112421103303	DEVA.P	Deva	Days	1249	Deug	000	Doug	Doug	Dens	Dare	Deve	Deva	Dang	82
5	11	112421103304	KUMAR.M	Vunon	Knyor	Luman	Muran	Kerken	Eman	mar	Kulmury	Krituan	Kinkon	haron	Krowy	32
6	II	112421103305	MAGESH.V	Magel	pool	N288	Modera	hoges	Modes	10200	hoole	408	Hodes	1000	The state of the s	32
7	,II.	112421103306	MANIVANNAN .G			(a)		, Sign	Mes	, den	S.		400	14		32
8	11	112421103307	NAGARAJ.K	begazeg	Nagaraj	Laguer	Lagara	Logood	Logod	Lagray	Logora	Logran	La gray	Sognad	Jagren)	32
9	11	112421103308	NAVEEN KUMAR.V	NIX	(NI)		M	W	W			M	(II)	N	KW.	32
10	11	112421103309	NETHAJI.J	rally.	No straight	Medical	3	Sell .	1863	(B)	C Str	30	1	1.31	108/g	32





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				27.02.2	23	28.02.2	23	01.03.2	.3	02.03.2	.3	03.03.2	23	04.03.2	23	
s.no	YE AR	REGISTER NUMBER	NAME OF STUDENTS	6 HOU	JRS	6 1101	6 HOURS		RS	4 HOU	RS	6 HOURS		4 HOURS		TOTAL HOURS (32)
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
11	11	112421103310	NIRMAL.S	Dogs	hold	Myd	fond	Wind	NI	NA	Nin	Wind	Non	Menl	NRY	32
12	11	112421103312	RAM KUMAR.K	Rosse	Rays	Ram	Pour	Ram	Par	Pam	Rom	Roy	Rom	Rose	Pays	32
13	п	112421103313	RANJITH BHARATHI.J							REP.	(E)					32
14	11	112421103314	SANTHOSH KUMAR.S	San	Per	Shun	Slu	Shu.	Shan	Sku	Sken	Sku	Sken	Blu.	Skeig	32
15	T1	112421103315	SATHISH KUMAR.V	Cathiel	Likel	Salin	Somin	Sallin	falling	Sallier	brush	Salfurt	Salling	Jahred	Satist	32
16	II	112421103316	SHYAM SUNDAR.G	Ships	Shyan	Shyam	Shapen	Shyam	Shyan	Shyan	Sheyam	Shyan	Shyain	Shyan	Shegan	32
17	11	112421103317	SOUNDARAPA NDIAN.M	Som	Son	Son	Son	low	Son	San	Son	Son	Son	Som	Son	32
18	11	112421103318	SUBASH.S	Sub	Sul	South	Sulp	Sub	Sul	Sul	Suls	Seds	Sed	Carly	Soch	32
19	11	112421103319	SUJIN RAJ.A	sufir	Sugar	su'sie	Sugir	suijr	Sufin	gusin	sigi-	Sylv	Sujir	Sugi	Sujin	32
20	II.	112421103320	THOULKAPPIY AND	Money	Theal	Rod	Thou	Por	Rud	Tool	tul	the	The	That	that	32
21	11	112421103321	UDHAYA.B	Lave	Coay	Way	younge	Udaye	Utago	Watas	ptay	Maye	CHayer	Uday	Staye	32
22	П	112421103322	VINOTH KUMAR.D	dia	tù @	400	time	time	Yim	time	tion	time	Ting	Time	dias	30
23	Ш	112420103301	ABISHEK M	Mir	Desig	Alei	Aloy	dry	Along	Noil	4/2	Aby	Alin	Aloży	sky	32
24	111	112420103302	ARUN KUMAR C	Am	don	Am	de	Shin	den	Au	Am	Aaa	Aus	Den	Aera	32
25	III	112420103303	DASARI VENKATESH BABU	Du	R	Dr	D:	Di	Di	Di	D.	D:	Pi	12	DE	32
26	111	112420103304		Person	Dealor	Deelo	Deel	Deabor	Decolor	Dealow	Deel	Deel	Dealis	Dealor	Deepar.	32
27	111	112420103305	DINESH KUMAR V	Dingh	Burk	Dinoth	Dingell	Torresh	Dingh	Dinon	Jungh .	Porph	Dinph	Pinesh	Dentsh	32
28	111	112420103307	JAYANTHI K	Jaijan	James	Joil	Jash	Litte	Til	Jary	Jair	Jarge	Jary	Tabil	Taryl	32
29	111	112420103308	KANAGARAJ S	Bol	to	Ø	(Cal	Pa	ga)	Ha	Ha	10	(A)	the	yo	82



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				27.02.2	3	28.02.2	3	01.03.2	1.3	02.03.2	2.3	03.03.2	23	04.03.2	3	TOTAL
s.no	YE	REGISTER	NAME OF STUDENTS	61101	IRS	61101	RS	61100	IRS	4 1100	IRS	6 HOU	RS	4 1100	RS	HOURS (32)
	AR	NUMBER	0,000,000	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
30	111	112420103309	KARTHICK M	Kay	har	1/as	Kan	Kan	Kom	harm	Kows	Kazm	Kan	Varia	kash	32
31	ш	112420103310	KEERTHIVASA N E	RO	Musy	Cod 1	0	Kee	(Page)	How	Ow (D	Des .	0	(lu)	32
32	111	112420103311	KRISHNA KUMAR S	Kris	kris	Kris	kows	krie	Kris	Kis	Kris	Kris	Kris	Kris	1/2 Loris	32
33	111	112420103312	LOKESH R	LONG	Loff	roff	Lofg	roff	Loke	Loke	Loss	hotel	hold	ropp	-Lots	. 32
34	111	112420103314	MARAN B	Mare	Marson	Maran	Maran	Marae	Mara	Mari	Haran	Marai	Marsin	Horan	Maron	. 32
35	111	112420103315	MURUGAN K M	this	w	Mm	Zw.	Non	floor	Hon	Lhis	How)	Mars	Hour	May.	32
36	111	112420103316	NAGABOOSHA NAM S	200	- COR	w@	ve	week	ve	væge	nag	Was	NER	- vag	væg	32
37	111	112420103318	PARAMESWAR I A	Par	Por	Por	fac	Pay	Par	By	Per	per	Mag	Poor	Post	32
38	111	112420103319	PRAKASH G	Brake	Proto	Profes	Bagh	Peregra	prosp	prosp	broth	Parato	Proto	Chara	Boke	32
39	111	112420103320	RAJALAKSHMI A	Ross	Roll	Ref	Royal	Refer	Rospo	Roya	Popa	Respo	Ros	Reja	Rodo	32
40	Ш	112420103323	SAM ALEXANDER D R	Sam	Som	Som	lan	Sage	bar	far	fars	log	Son	Some	dan	32
41	111	112420103325	SARAVANANS	-Ba	Ban	(Sa)	() () () () () ()	(So)	GO.	<u>a</u>	æ.	150	(B)	3	B	32
42	111	112420103326	SHYAM PRASATH S	Augan	Shipin	Duzum	Sagan	Shyan	Lugan	Quepr	Shigar	Shepr	Leger	Shym	Show	32
-43	111	112420103327	SUNDAR B	sunder	purgar	Surda	abunda	Sundar	Lunde	Dunger	Pringa	bunda	Surgo	Bunka	Jundas	32
44	111	112420103328		Tarril	jamil	Turil	Tamil	Tomil	tamil	Tamil.	tamil	Tanil	Tamil	40mil	tomi	32
45	111	112420103329	THAMBIRAJA T	Q	800 P	NO.	MA SOM	NE	RICE	No.	A STATE OF THE STA	way o	The state of	The .	2/8/2)	32
46	Ш	112420103330	UDHAYAN B	Mhap	Along	Odlage	Odlay	بصلهن	May	Jaloy	we have	لاصلال	وليصلمن	Moder	John	32
47	III	112420103331	VASANTHA KUMAR S	vasa	va§	vage	not le	JA	Mars	بفحض	vose		1280	ععطا	~29	32
48	111	112420103332	VENKATESH A	Jak .	Deal	Kenk	Dont	Jan	Vod	Nw	Hos	100	ya	1000	100	32





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				27.02.2	3	28.02.2	3	01.03.2	.3	02.03.2	3	03.03.2	23	04.03.2	23	
S.NO	YE AR	REGISTER NUMBER	NAME OF STUDENTS	6 HOU	RS	6 HOU	RS	6 HOL	IRS	4 HOU	RS	6 HOL	IRS	4 HOU	IRS	TOTAL HOURS (32)
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
49	111	112420103333	VENKATESH M G	Cara	Jener	Bother	Jertel	Jerker.	Jenter	Silver	Sertar.	سلمط	Janua	Jenter	for	32
50	111	112420103334	VIDHYADHAR AN D	Sidher	udhy	rightyp	41 days	vidhya	videy	widhya	vidhy	vidhy	vidhy	ridhig	Mondo	32
51	111	112420103335	VIGNESH KUMAR M	henpir		rignostr	in grown	vigner		19 guah	vignah	vignel	oighe	higher	vigged.	32
52	111	112420103336	VIJAYA KUMAR M	oi pyn	vijayn	rijogn	ojjayn	1100	vijaya	\\$	1 -	vijaga	vijagu	vijayu	vigaya	32
53	111 .	112420103337	YOGESHWAR R	goor	goyi	yeger	gan	gaze	Story	goga	gover	Gose	308	(908)	308	32
54	IV	112419103001	AJAY J	Agin	Aprily	diag	dip	fp.	Hay	Hory	Hoy	May	Hag	Hay	Fry	32
55	IV	112419103002	ANGEL S	Agl	Argel	frgg	Angel	Argul	Angel	Argl	Arg	freel	Argel	Might	Argel	32_
56	IV	112419103003	AWICHAL KUMAR SINGH							Q				₩.		32
57	IV	112419103004	DINESHKUMA R M	Pere	Dar	2	De	Di-	Dir	Dir	Dir	Die	Di	Dir	Der.	32
58	IV	112419103005	NAVEEN S	M	M	W.	KAD.	W.		(M)	(C)	W.	(m)	(M)	(W)	32
59	IV	112419103006	PRASATH G C	Charact	Shoot	Propos	gran	Prod	mod	Proof	Peace	Proof	Dag	Proof	Moods	.32
60	IV	112419103007	RAGHUL R	popul	boding	Roghill	podruk	pagent	eaghir	agent	Roghul	Saling	baling	popul	tooking	32
61	IV	112419103008	TAMILARASIS	Forth.	Taril	(avil	for 31	farish	larel	Panil	James)	Taril	farit	Taril	land	32
62	IV	112419103301	GOVARTHANA N K P	Cova	Cas	Coros	<u>G</u> w	good	Lev	ومن	Con	gon	gro	Con	Gan	32
63	IV	112419103302	PRABIN KATHAYAT	probin	Probin	Prakin	probin	praku	probin	probin	probin	poalin	wakin	probin	Prokin	32
64	IV	112419103303	PUGHAZHEND I S	Par	Roy	Rig	Purt	por	por	Pus	Pust	Righ	Rugy	pog	pra,	32
65	IV	112419103304	RAJESH S	Papel	Right	Popul	Popul	Bell	Bed	Part	Port	Poor	Right	Ryen	Joyer	32

SOOPDINA TOP

COORDINATOR

(Mrs.S.Lekha)

Thirupachur 631 203 M

HOD/CIVIL (Mr. V. Varunkumae)



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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
1	1. 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
13	2. 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
1.	3. What are the advantages of quality control?
	(a) Reduction in construction cost
	(b) Less inspection required
	(c) Both A & B
	(d) Only A
1	4. Full form of SQC is
	(a) Statistical Quality Control
	(b) Substandard Quality Control

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(c) Site Quality Control

(a) To maintain quality(b) To improve quality

(d) All of the above

(d) Substantial Quality Control

(c) To solve quality problems

15. Statistical Quality Control applied for ____



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16	SOC doos	not consist of	ef ac	ctivity.
10.	SOC does	mot consist o	11 110	JUVILY.

- (a) Systematic collection and graphical representation of resource date
- (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

S. Lil

COORDINATOR (Mrs.S.Lekha)

Thirupachur 631 203 A

N. N. C.

HQD/CIVIL (Mr.V.Varunkumar)



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22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS

FEEDBACK FORM

Student Reg. No. & Name: 112421103303 & Deva. P Sem & Year: 4th 2 2hd.

Date: 04/03)2023

Evaluating the following Question

1. This course was in	_		
a) Strongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree
2. Was this course us	eful?		
a) Strongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree
3. During the course	did you find an	y technical Dif	ficulties?
a) Strongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree
4. did the instructor of	lelivered the int	formation, you	didn't know already
a) Strongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree
5. The Subject matter	was presented	effectively	
trongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree
6. This instructor hel	ped me learn at	out how the co	ourse works in the real world.
a) Strongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree
7. This instructor pro	vided informat	ion I can use to	be successful in my career.
Strongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree
8. Overall how do yo	u rate the Train	ing Program?	
3) Strongly Agree	b) Agree	c) Moderate	d) Disagree e) Strongly Disagree



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Student Signature

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22CEVAC01-QUALITY ASSURANCE AND QUALITY CONTROL IN CONSTRUCTIONS

TEST QUESTION

Student Reg. No. & Name: 112421103001 & Jaya Parakash BS Sem & Year: 4th & 2th year. Date: 04/02/2023

- 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
 - (a) 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,
 - 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
 - (e) 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





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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
8.	Person authorized to conduct QCIR should be
٠.	(a) Qualified
	(b) Independent
	(c) Responsible
	(d) All of the above
9.	The minimum content of QCIP should be
7.	(a) Project introduction and proposed construction
	(b) Organization chart of inspection force
	(c) Number and specialties of inspectors proposed
1.0	(d) All of the above Which of these is not required as content of QCIP?
10.	
	(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

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(d) Substantial Quality Control 15. Statistical Quality Control applied for (a) To maintain quality (b) To improve quality (c) To solve quality problems (d) A'll of the above 16. SQC does not consist of (a) Systematic collection and graphical representation of resource date (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 (e) 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 6 (d) Quality Appraisal 19. Quality Assurance is a sum of (a) Quality Design (b) Quality conformance and performance (c) Quality Service Son All of the above



(a) Implementing rules and regulation of safety (b) Implementing policy for accountability (c) Performing activities to ensure quality (d) Generating revenue through inspection

20. Quality control means



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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	11	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	1124211033 <u>13</u>	RANJITH BHARATHI.J	32	80

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S.No	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARK
14	Il	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	THOULKAPPIYAND	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	IÏI	112420103312	LOKESH R	32	85
34	III	112420103314	MARAN B	3.2	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	111	112420103318	PARAMESWARI A	32	_80
38	111	112420103319	PRAKASH G	32	85
39	III	112420103320	RAJALAKSHMI A	.32	85
40	111	112420103323	SAM ALEXANDER D R	32	90
41	111	112420103325	SARAVANAN S	32	85
42	111	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	IÍI	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

S. Lul-

COORDINATOR (Mrs.S.Lekha)



N. VI

HOD/CIVIL

(Mr.V. Varunkumar)

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DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms SUNDAR BUILLA 201033.2.7)

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

CO-ORDINATOR

Thirupachur (5) Ppin: 631 203

HOD / CIVIL

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Engineering and Technology,
Thirupachur, Thiruvallur - 631 203

PRINCIPAL



Thirupachur - 631203, Thiruvallur TK , & DT APPROVED by AICTE, New Delhi and Affiliated to Anna University , Chennai

DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms VENKATESH.A.[.!!24,20.10.2332.]

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

CO-ORDINATOR

Thirupachur (S. Pin: 631 203)

HOD / CIVIL

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DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms PRASATH. Co. C. (1124, 1910.2006)

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

CO-ORDINATOR

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DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF PARTICIPATION

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

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

CO-ORDINATOR

Thirupachur Pin: 631 203

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DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms RAJESH S (11241910.3304)

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

CO-ORDINATOR

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DEPARTMENT OF CIVIL ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms SUBASH S (112421103318)

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

CO-ORDINATOR

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