

Department of Mechanical
Engineering
in Association with
SNAAP
(SNGCET Alumni Association Payyannur)



Alumni Interaction

On

Modern Trends in Quality control

Mr. Suvin V S

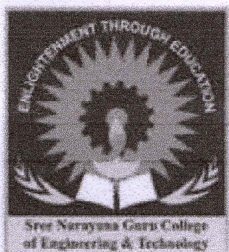
Lead Design Engineer
(2004-2008 Mechanical Engg. Batch)

25 March 2024

Start 2.00pm onwards

Venue : Mechanical seminar hall

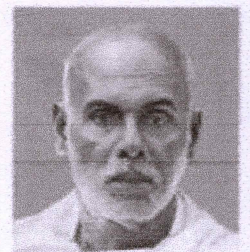
FOR FINAL AND PRE FINAL YEAR STUDENTS



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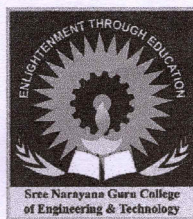
**Sree Narayana Guru College
of Engineering & Technology**

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



Dr. LEENA A. V.
PRINCIPAL

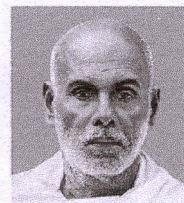
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EVENT PROPOSAL FORM

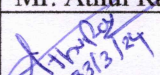
Submitted by the department of Mechanical Engineering

TO BE FILLED BY THE EVENT COORDINATOR(S)

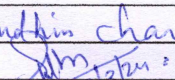
1	Event type	Alumni Talk
2	Event name	Alumni Interaction on Modern Trends in Quality Control
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	Offline
5	Date and time	25/03/2024, 2:00 PM
6	Venue	S8 ME Classroom
7	Whether any professional body is associated with the event? If yes, name the body	YES, SNAAP (SNGCET Alumni Association Payyanur)
8	Participants / Target Audience	ME STUDENTS
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
10	Objectives of the event	<ul style="list-style-type: none">Customer Satisfaction: Ensuring that products and services meet or exceed customer expectations is a primary objective. Modern quality control emphasizes understanding customer needs and preferences through data analysis and feedback mechanisms.Continuous Improvement: Adopting methodologies like Lean Six Sigma and Total Quality Management (TQM), modern quality control aims for continuous improvement in processes, products, and services.
11	Expected Outcomes	Students able to understand the efficiency, effectiveness, and agility of quality management processes within organizations.

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12	Connected PO / PSO	PO 1: Engineering Knowledge PO 2: Problem Analysis PO 12: Lifelong Learning
13	Justification for PO / PSO [may use separate sheet if necessary]	<p>PO 1: Engineering Knowledge: This PO is essential because it ensures that graduates have a solid foundation in the core principles and theories of their respective engineering discipline. Engineering knowledge forms the basis for problem-solving, design, and innovation in engineering practice.</p> <p>PO 2: Problem Analysis: Justification: Problem analysis is a critical skill for engineers as they encounter complex challenges that require systematic investigation and understanding. By emphasizing this PO, graduates are equipped with the ability to break down complex problems into manageable components, identify relevant factors, and apply appropriate analytical techniques to arrive at effective solutions.</p> <p>PO 12: Lifelong Learning: Justification: Lifelong learning is vital in engineering due to the rapid pace of technological advancement and evolving industry trends. Engineers must continuously update their skills, stay abreast of new developments, and adapt to changing requirements throughout their careers.</p>
14	Name of the resource person(s)	Mr. Suvin V S
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Lead Design Engineer
16	Resource requirements	System, Projector.
17	Any fund from external source will be received? If yes, mention it.	No
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	No
19	Any other relevant information	No
20	Name of the event coordinator(s)	Mr. Athul Raj PP
21	Dated signature of the coordinator(s)	 23/3/24

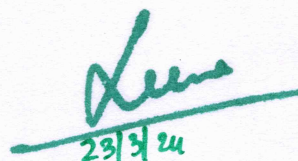
I. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD,
in case if the event is jointly conducted by various department(s))

1	Comments on the relevance of the event	
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended Not Recommended
3	Name	Dr. Sudhin Chandran
4	Dated Signature	 23/3/24

COMMENTS FROM PRINCIPAL

✓
APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:


23/3/24

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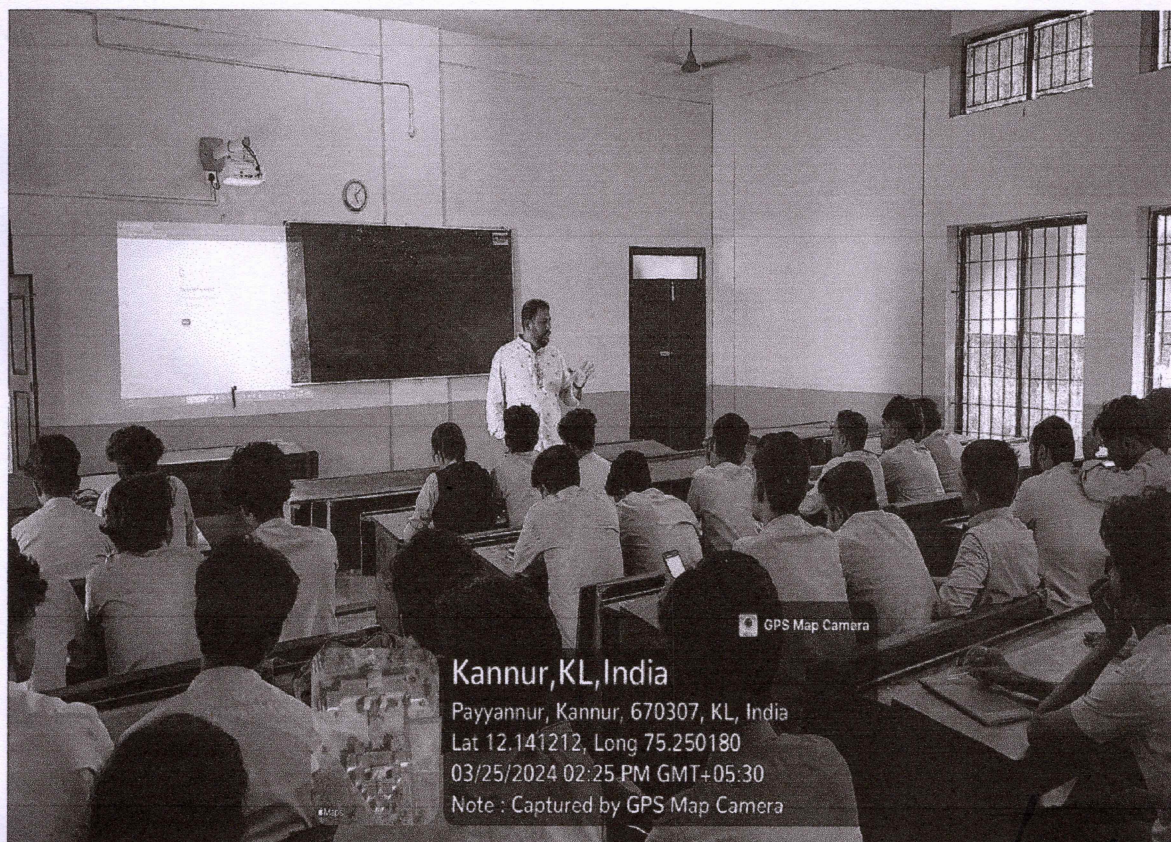
SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

ALUMNI INTERACTION ON MODERN TRENDS IN QUALITY CONTROL

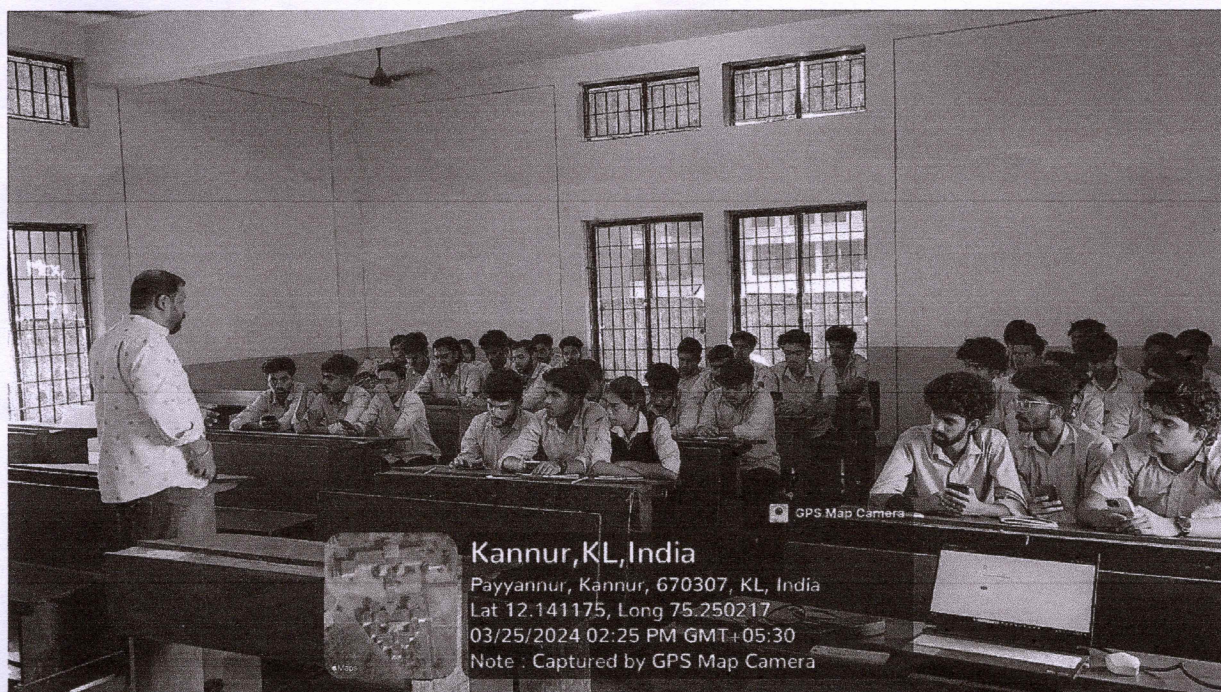
REPORT ON MODERN TRENDS IN QUALITY CONTROL

The Department of Mechanical Engineering (ME) organized an Alumni interaction session on March 25th, 2024, at 2 PM in the S8 classroom of the Mechanical department. This session was aimed at all mechanical students, with the main goal of familiarizing them with the evolution of quality control practices. Over the years, these practices have adapted to technological advancements, evolving consumer demands, and shifts in the global market dynamics.



ALUMINI INTERACTION - EVENT PHOTOS

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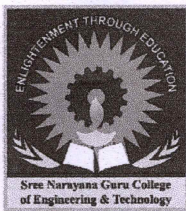


ALUMINI INTERACTION - EVENT PHOTOS

The workshop kicked off with a warm welcome from Dr. Sudhin Chandran, the esteemed Head of the Department. Mr. Suvin V S provided expert insights, shedding light on quality control practices, technological advancements, evolving consumer preferences, and the dynamic nature of global market trends. The realm of quality control is in constant flux, driven by technological innovations, market dynamics, and shifts in consumer demands. Adapting to these modern trends in quality control is essential for organizations to remain competitive, streamline operations, and deliver exceptional products and services. Utilizing cutting-edge technologies, harnessing the power of data analytics, implementing robust quality management systems, and prioritizing customer-centric approaches are pivotal in achieving sustainable growth and maintaining a competitive advantage in today's ever-changing marketplace.

Attendees departed the session with renewed inspiration and a steadfast determination to further refine their concepts, with the aim of making a positive impact on the world through their innovative endeavors. The session, featuring informative presentations and insightful discussions, undoubtedly enriched the academic atmosphere at SNGCET.

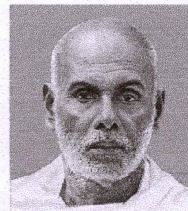
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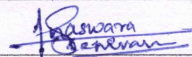



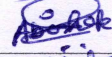
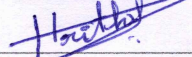



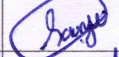
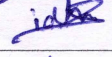

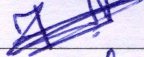
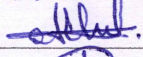

DEPARTMENT OF MECHANICAL ENGINEERING ALUMINI INTERACTION ON MODERN TRENDS IN QUALITY CONTROL

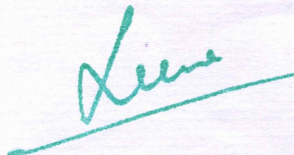
ATTENDANCE SHEET [Academic Year (2023-24)]

S.NO	NAME	SEMESTER	SIGN
1	Amaldev v.v	S ₄	Amal
2	Aswin M.V	S ₄	Aswin
3	Sanjay Sreedharan	S ₄	Sanjay
4	Abhishek.c	S ₄	Abhishek
5	MUHAMMED NAHID.A	S ₄	Nahid
6	AMAL.K.P	S ₄	Amal
7	GOKUL KRISHNA	S ₂	Gokul
8	ASWANTH.M.C	S ₂	Aswanth
9	Abhinav. P	S ₂	Abhinav
10	Anandhu.k	S ₂	Anandhu
11	Adith Sathian.P.k	S ₂	Adith
12	Pramya.P	S ₁	Pramya
13	Vyshnav.T	S ₂	Vyshnav
14	ATHUL T.P	S ₂	Athul
15	Anush.E	S ₂	Anush
16	MUHAMMED ZAYAN P	S ₄	Zayan
17	AMAL M.V	S ₄	Amal
18	TISHNU PRAKASH A	S ₄	Tishnu
19	MUHAMMED SAFWAN	S ₄	Safwan
20	Aswanth.c.k	S ₄	Aswanth
21	Amruth Janardanan	S ₄	Amruth

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S.NO	NAME	SEMESTER	SIGN
22	Anaswara.S	S4	
23	Sarvang S Hari	S4	
24	Athiath Anish	S4	
25	SHIBIN RAJEEVAN. T.P	S6	
26	ABISHEK.K	S6	
27	Hrithik Anil	S6	
28	Adarsh Vijayakumar	S6	
29	ADARSH -P	S6	
30	Aduth. VP	S6	
31	Sanju.P.V	S6	
32	Sidhardh.k	S6	
33	Sreerag. P. Radhakrishnan	S6	
34	Muhammed Zenil kv	S6	
35	ATHUL.A.P	S6	
36	Mithun.S. Kumar	S6	
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Abhishek.c
Sat ME



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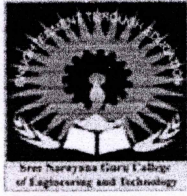
**ALUMNI INTERACTION ON MODERN TRENDS
IN QUALITY CONTROL**

FEEDBACK FORM

Submitted by the Department of Mechanical Engineering

	Excellent	Good	Fair	Poor
1. Overall how would you rate the training class?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. How would you rate the trainer's communication and presentation skills	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Were the interactive elements engaging and beneficial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Did you receive enough opportunity for questions and clarification during the session	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Did this class meet your expectation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Were the hands-on activities beneficial in understanding concepts	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Did the workshop offer practical strategies or tools that you can readily apply	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Were the technical aspects during the workshop satisfactory	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Rate the level of interaction between the facilitator and participants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Did the workshop covers emerging trend or advancements in the field	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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ENGINEERING & TECHNOLOGY**

ALUMNI INTERACTION ON MODERN TRENDS

IN QUALITY CONTROL

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Submitted by the Department of Mechanical Engineering

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4. Did you receive enough opportunity for questions and clarification during the session	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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ALUMNI INTERACTION ON MODERN TRENDS

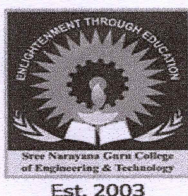
IN QUALITY CONTROL

FEEDBACK FORM

Submitted by the Department of Mechanical Engineering

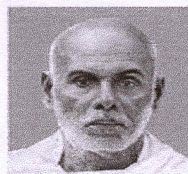
	Excellent	Good	Fair	Poor
1. Overall how would you rate the training class?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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POST EVENT ANALYSIS FORM

Submitted by the department of Mechanical Engineering

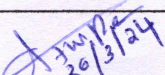
I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	Alumni Talk
2	Event name	Alumni Interaction on Modern Trends in Quality Control
3	Date and time of the event conducted	25/03/2024, 2:00 PM
4	Venue	S8 ME Classroom
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	No
6	Mode of conduct [online \ offline]	Offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, mention the reason for change	No
8	Whether any professional body was associated with the event? If yes, name the body	YES, SNAAP (SNGCET Alumni Association Payyanur)
9	Any funds received from the professional body? Indicate the amount	No
10	Participants / Target Audience	ME STUDENTS
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
12	Objectives of the event	<ul style="list-style-type: none">Customer Satisfaction: Ensuring that products and services meet or exceed customer expectations is a primary objective. Modern quality control emphasizes understanding customer

PAGE 1 OF 4

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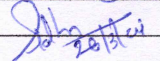
		<p>needs and preferences through data analysis and feedback mechanisms.</p> <ul style="list-style-type: none"> Continuous Improvement: Adopting methodologies like Lean Six Sigma and Total Quality Management (TQM), modern quality control aims for continuous improvement in processes, products, and services.
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16	Justification for PO / PSO [may use separate sheet if necessary]	<p>PO 1: Engineering Knowledge: This PO is essential because it ensures that graduates have a solid foundation in the core principles and theories of their respective engineering discipline. Engineering knowledge forms the basis for problem-solving, design, and innovation in engineering practice.</p> <p>PO 2: Problem Analysis: Justification: Problem analysis is a critical skill for engineers as they encounter complex challenges that require systematic investigation and understanding. By emphasizing this PO, graduates are equipped with the ability to break down complex problems into manageable components, identify relevant factors, and apply appropriate analytical techniques to arrive at effective solutions.</p> <p>PO 12: Lifelong Learning: Justification: Lifelong learning is vital in engineering due to the rapid pace of technological advancement and evolving industry trends. Engineers must continuously update their skills, stay abreast of new developments, and adapt to changing requirements throughout their careers.</p>
17	Whether feedback forms from audience and resource person is collected?	Yes
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	
20	Name of the resource person	Mr. Suvin V S
21	Designation of the resource person(s)	Lead Design Engineer
22	Any other relevant information	-

23	Name of the event coordinator(s)	Mr. Athul Raj PP
24	Dated signature of the coordinator(s)	 20/3/24

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

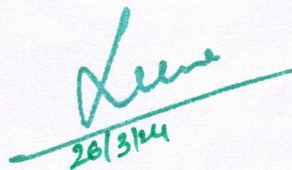
List of enclosures – To be maintained in the file

Sl No:	ITEM	AVAILABILITY [YES / NO]
1	Posters	
2	Schedule of the event	
3	Registration form sample copy	
4	All registration forms duly filled and signed	
5	Profile of the resource person(s)	
6	Feedback forms filled by participants and resource person	
7	Feedback analysis sheet	
8	CO attainment calculation sheet	
9	Study Materials (if any)	
10	Letters or printouts of e-mail communication relevant to the event	
11	Documents related to professional body associated with the event	
12	Photographs of the event	

1	Comments about the conduct of the event	
2	Comments about the resource person and impact of the event	
3	Name	Dr. Sudhish Chandran
4	Dated Signature	 20/3/24

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:



Dr. LEENA A. V.
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KANAKUR