

VINAYAKA MISSION'S RESEARCH FOUNDATION  
(Deemed to be University)  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING

CIRCULAR

Ref No: 2024-2025/Odd/Mech/Sem 03

Date: 19.08.2024

The Department of Mechanical Engineering is organising a Seminar on Role of LEAN and SIX SIGMA in TQM and process excellence on 20.08.2024. All the students are requested to participate and register for the seminar. The invitation is herewith attached.



HOD

Circulated to:	1. All the faculty members 2. All the students
Copy to	1. Principal Office 2. Department Notice Board



**AVIT**  
ANUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
Deemed to be University under section 3 of the UGC Act 1956



**DEPARTMENT OF MECHANICAL ENGINEERING**



**NATIONAL INSTITUTION FOR QUALITY AND  
RELIABILITY**

**SEMINAR ON ROLE OF LEAN AND SIX SIGMA IN TQM AND  
PROCESS EXCELLENCE**

**PROGRAMME AGENDA**

Event Date & Time: 20.08.2024 (Tuesday) & 10.00 A.M

Time	Description	Presented by
10.00 A.M.	Start of the session by Moderator	Mr.M.DHANUSH Third Year Mechanical Engineering Department of Mechanical Engineering, AVIT
10.05 A.M.	Welcome Address	Dr.M.PRABHAHAR PROFESSOR / HOD Department of Mechanical Engineering, AVIT
10.10 A.M.	Introduction of Guest	Mr.S.KALYANAKUMAR ASSISTANT PROFESSOR Gr II Department of Mechanical Engineering, AVIT
10.15 A.M.	POKA YOKE	Mr.VINOTHKUMAR RAJENDRAN PRINCIPAL CONSULTANT RPA DIGITAL SOLUTIONS PQLS
11.15 AM.	Vote of Thanks	Mr.SUKUMAR RAY Third Year Mechanical Engineering Department of Mechanical Engineering, AVIT

Poster



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



*Cordially invites you all for the seminar on*

## **Role of Lean and Six Sigma in TQM and Process Excellence**

**Mr. Vinothkumar Rajendran**

Principal Consultant  
RPA and Digital Solutions PQLS



20.08.2024  
10:00 AM



Digital Classroom



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Approved by  
MCA 21 by MCA

Organized by

Department of Mechanical Engineering  
National Institution for Quality and Reliability (NIQR)

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING

Ref: 24-25/Odd /Mech/Sem 03

Date: 21.08.2024

From

S.Kalyanakumar  
Assistant Professor Gr II  
Mechanical Engineering  
Aarupadai Veedu Institute of Technology  
Paiyanoor-603 104

To

The Principal,  
Aarupadai Veedu Institute of Technology  
Paiyanoor-603 104

Respected Sir,

Sub: Submission of Mechanical Engineering Department Event-Report- Reg.

The Department of Mechanical Engineering has organized a Seminar on Role of Lean and Six sigma in TQM and process excellence on 20.08.2024. The report of the programme is herewith attached for your kind perusal.

Thanking you,

With regards,

  
Event Coordinator

  
HOD



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VINAYAKA MISSION'S  
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**DEPARTMENT OF MECHANICAL ENGINEERING**  
**in association with**  
**NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY (NIQR)–**  
**STUDENT CHAPTER**

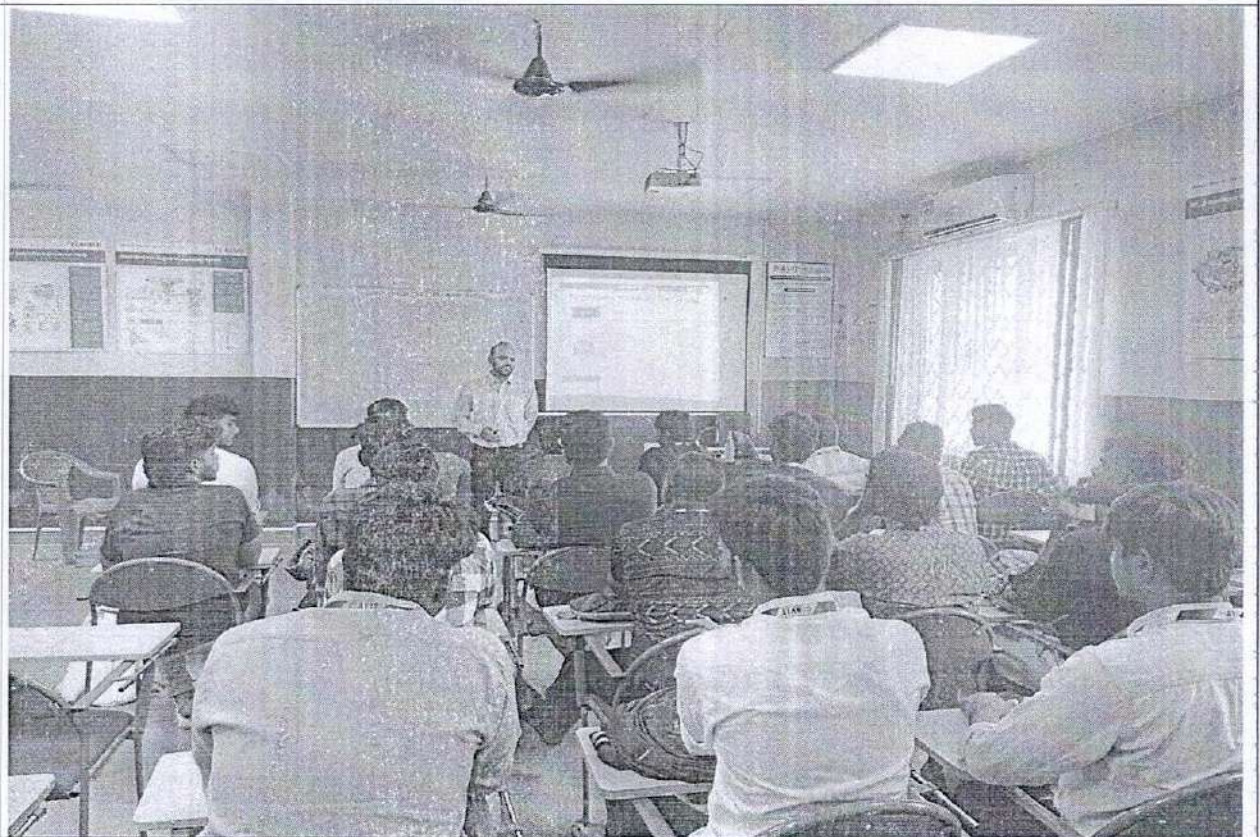
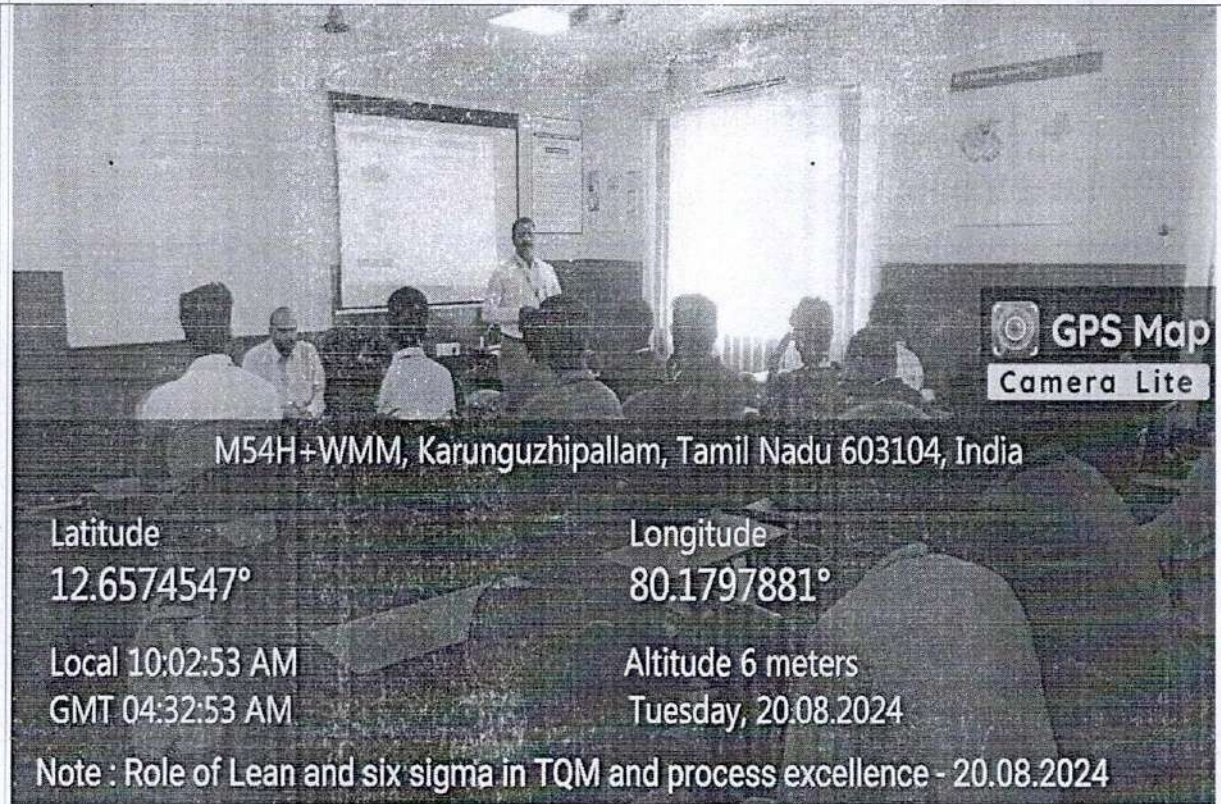
**Organized a “Seminar on role of Lean and Six sigma in TQM and process excellence”**

The Department of Mechanical Engineering in association with National Institution for Quality and Reliability (NIQR) -Student chapter organized a one day seminar on “Role of Lean and Six sigma in TQM and process excellence” on 20<sup>th</sup> Aug 2024. The Seminar started with the Welcome address by Dr.M.Prabhakar,HOD/Mechanical Engineering. He gave a brief introduction about the importance of having a Professional society established in the campus and also welcomed the gathering. The chief guest introduction was given by Mr.S.Kalyanakumar Assistant Professor Gr II, Department of Mechanical Engineering. The Resource person of the day was Mr.Vinothkumar Rajendran Principal Consultant RPA and Digital Solutions PQLS from NIQR. Around 28 students form 2<sup>nd</sup> yr & 3<sup>rd</sup> yr Mechanical Engineering participated the seminar. He started the session with an improvement is a market need and then explained about the below mentioned topics:

- Quality, Cost, Delivery
- Customer.consumer
- Lean and Six sigma
- Dimensions of quality
- Buyers’ market dynamics
- Business impact of improving quality
- Customer life cycle

**Outcome:**

The students had an understanding about the importance of Lean and Six sigma concepts in  
Finally, the Vote of Thanks was given by Sukumar Ray of 3<sup>rd</sup> year Mechanical Engineering student.



**VINAYAKA MISSION'S RESEARCH FOUNDATION**  
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**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**National Institution for Quality and Reliability**

Seminar on Role of LEAN and SIX SIGMA in TQM and process excellence – 20.08.2024

**ATTENDANCE SHEET**

SL.NO	REGISTER NUMBR	NAME	YEAR/BRANCH	SIGN
1.	5847	H. Lawrence Joshua	II <sup>nd</sup> year / mech	
2.	5590	R. HAVISH	II <sup>nd</sup> year / mech	
3.	5882	R. Harish	II <sup>nd</sup> yr / mech	
4.	3442310502	K. Swaiya	II <sup>nd</sup> year / Mech	
5.	5745	S. SERALATHAN	II <sup>nd</sup> year / Mech	
6.	3442210507	NICHESHAR MAURYA	III <sup>rd</sup> year / mech	
7.	3442210502	DHANUSHA	3 <sup>rd</sup> year / Mech	
8.	5449	P. JAGADEESHWARAN	II <sup>nd</sup> year / mech	
9.	5528	Then Kumar D	II <sup>nd</sup> year	
10.	6020	Godwin Biju	II <sup>nd</sup> year	
11.	3442310501	A. AKASH	"	
12.	3442210501	Ankit kumar	III <sup>rd</sup> year	
13.	3442210509	PRABHAT KUMAR	III <sup>rd</sup> year	
14.	3442320503	Mokilan	III <sup>rd</sup> year	
15.	5976	S. Rohith	III <sup>rd</sup> year	
16.	3442210508	N. Hish	III <sup>rd</sup> year	
17.	3442320504	J. Naveenanaid	"	
18.	3442320501	GUNDATI CHADAN	"	
19.	3442210501	R. SURYA	"	
20.	3442210506	KRISHNA KUMAR	"	
21.	3442210505	P. JAMESANDREWS	III <sup>rd</sup> year	
22.	3442210503	GJAZ AHAMAD	III <sup>rd</sup> year	
23.	3442210510	Sukumar Ray	III <sup>rd</sup> year	
24.	AVIT-2425-5917	DEVAK RAJ	III <sup>rd</sup> year	

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSIONS UNIVERSITY

AVIT/GLSFBS/29(b)

GUEST LECTURE / SEMINAR FEEDBACK FROM SPEAKER

SEMESTER: ODD / EVEN

• ACADEMIC YEAR : 2024-2025

DEPT : MECH

DATE:19.08.2024

Name of the Speaker	Mr.Vinoth kumar Rajendran
Designation & Organisation	Principal Consultant RPA And Digital Solutions PQLS
Title of the Lecture / Seminar	Role of Lean and Six sigma in TQM and process excellence
Date & Time	20.08.2024
Venue	DIGITAL CLASS ROOM TBC204 AVIT
Beneficiary	II Yr & III Yr STUDENTS
Duration of the Lecture	60 MINS
Suggestions of Speaker	<i>Session was well organized Students Interested very well.</i>
Signature	<i>P. Veelesu</i>

*S.K.V*  
Reviewed by Faculty In charge

*[Signature]*  
HOD





AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSIONS UNIVERSITY

AVIT/GLSFBP/29(c)

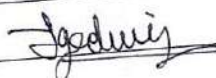
**GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS**

ACADEMIC YEAR : 2024-2025

DATE: 20.08.2024

SEMESTER: ODD

DEPT : MECH

Name of the Participant	Godwin Biju
Prog., Branch, Sem & Sec (If Applicable)	Mech S3
Designation & Organisation (If Applicable)	-
Title of the Lecture / Seminar	Role of Lean and Six sigma in TQM and process excellence
Name of the Speaker(s)	Mr. Vinothkumar Rajendran Principal Consultant RPA And Digital Solutions PQLS
Date & Time	20.08.2024 / 10 am
Venue & Duration of Lecture	TBC204 / 60min
<p>Feedback from Participant (Maximum Marks 5)</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Communication</li> <li>2. <input checked="" type="checkbox"/> Interaction</li> <li>3. <input checked="" type="checkbox"/> Presentation</li> <li>4. <input checked="" type="checkbox"/> Content</li> <li>5. <input checked="" type="checkbox"/> Learning Value</li> </ol> <p style="margin-left: 40px;">Total <u>5</u></p>	
Any other Suggestions	Good lecturing and good content Valuable information.
Signature of the Participant	

  
Reviewed by Faculty In charge

  
HOD

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSIONS UNIVERSITY

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GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS

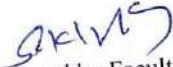
ACADEMIC YEAR : 2024-2025

DATE: 20.08.2024

SEMESTER: ODD

DEPT : MECH

Name of the Participant	R. Dhanush
Prog., Branch, Sem & Sec (If Applicable)	B.E (Mech) II <sup>nd</sup> yr & III <sup>rd</sup> Sem
Designation & Organisation (If Applicable)	Lean six sigma process
Title of the Lecture / Seminar	Role of Lean and Six sigma in TQM and process excellence
Name of the Speaker(s)	Mr. Vinothkumar Rajendran Principal Consultant RPA And Digital Solutions PQLS
Date & Time	20.08.2024 / 10 am
Venue & Duration of Lecture	TBC204 / 60min
<p>Feedback from Participant (Maximum Marks 5)</p> <p>1. Communication - 5</p> <p>2. Interaction - 5</p> <p>3. Presentation - 5</p> <p>4. Content - 5</p> <p>5. Learning Value - 5</p> <p>Total - 25</p>	
Any other Suggestions	Duration is Low
Signature of the Participant	R. Dhanush

  
 Reviewed by Faculty In charge

  
 HOD

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSIONS UNIVERSITY

AVIT/GLSFBP/29(c)

**GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS**

ACADEMIC YEAR : 2024-2025

DATE: 20.08.2024

SEMESTER: ODD

DEPT : MECH

Name of the Participant	GUNDATI CHARAN												
Prog., Branch, Sem & Sec (If Applicable)	BE / MECHANICAL												
Designation & Organisation (If Applicable)	-												
Title of the Lecture / Seminar	Role of Lean and Six sigma in TQM and process excellence												
Name of the Speaker(s)	Mr.Vinothkumar Rajendran Principal Consultant RPA And Digital Solutions PQLS												
Date & Time	20.08.2024 / 10 am												
Venue & Duration of Lecture	TBC204 / 60min												
<p>Feedback from Participant (Maximum Marks 5)</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">1. Communication</td> <td style="text-align: right;">5</td> </tr> <tr> <td>2. Interaction</td> <td style="text-align: right;">5</td> </tr> <tr> <td>3. Presentation</td> <td style="text-align: right;">5</td> </tr> <tr> <td>4. Content</td> <td style="text-align: right;">5</td> </tr> <tr> <td>5. Learning Value</td> <td style="text-align: right;">5</td> </tr> <tr> <td style="padding-left: 40px;">Total</td> <td style="text-align: right;">25</td> </tr> </table>		1. Communication	5	2. Interaction	5	3. Presentation	5	4. Content	5	5. Learning Value	5	Total	25
1. Communication	5												
2. Interaction	5												
3. Presentation	5												
4. Content	5												
5. Learning Value	5												
Total	25												
Any other Suggestions	-												
Signature of the Participant	<i>Charan</i>												

  
HOD

*S. K. V. M.*  
Reviewed by Faculty In charge

AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSIONS UNIVERSITY

AVIT/GLSFBP/29(c)

**GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS**

ACADEMIC YEAR : 2024-2025

DATE: 20.08.2024

SEMESTER: ODD

DEPT : MECH

Name of the Participant	Dhanush												
Prog., Branch, Sem & Sec (If Applicable)	BEC(MECH) 4 <sup>th</sup> Sem.												
Designation & Organisation (If Applicable)	-												
Title of the Lecture / Seminar	Role of Lean and Six sigma in TQM and process excellence												
Name of the Speaker(s)	Mr. Vinothkumar Rajendran Principal Consultant RPA And Digital Solutions POLS												
Date & Time	20.08.2024 / 10 am												
Venue & Duration of Lecture	TBC204 / 60min												
<p>Feedback from Participant (Maximum Marks 5)</p> <table style="width: 100%;"> <tr> <td style="width: 80%;">1. Communication</td> <td style="width: 20%; text-align: center;">5</td> </tr> <tr> <td>2. Interaction</td> <td style="text-align: center;">5</td> </tr> <tr> <td>3. Presentation</td> <td style="text-align: center;">5</td> </tr> <tr> <td>4. Content</td> <td style="text-align: center;">5</td> </tr> <tr> <td>5. Learning Value</td> <td style="text-align: center;">5</td> </tr> <tr> <td><b>Total</b></td> <td style="text-align: center; border: 1px solid black; border-radius: 50%;"><b>25/25</b></td> </tr> </table>		1. Communication	5	2. Interaction	5	3. Presentation	5	4. Content	5	5. Learning Value	5	<b>Total</b>	<b>25/25</b>
1. Communication	5												
2. Interaction	5												
3. Presentation	5												
4. Content	5												
5. Learning Value	5												
<b>Total</b>	<b>25/25</b>												
Any other Suggestions	NIL (useful & gained knowledge)												
Signature of the Participant	<u>M. Dhruv</u>												

  
HOD

  
Reviewed by Faculty In charge

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VINAYAKA MISSIONS UNIVERSITY

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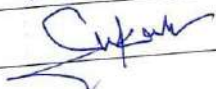
**GUEST LECTURE / SEMINAR FEEDBACK FROM PARTICIPANTS**

ACADEMIC YEAR : 2024-2025

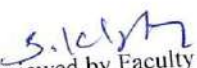
DATE: 20.08.2024

SEMESTER: ODD

DEPT : MECH

Name of the Participant	Sukumar Rao												
Prog., Branch, Sem & Sec (If Applicable)	B.E. MECH - V-SEM - III - Yr												
Designation & Organisation (If Applicable)	-												
Title of the Lecture / Seminar	Role of Lean and Six sigma in TQM and process excellence												
Name of the Speaker(s)	Mr. Vinothkumar Rajendran Principal Consultant RPA And Digital Solutions PQLS												
Date & Time	20.08.2024 / 10 am												
Venue & Duration of Lecture	TBC204 / 60min												
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1. Communication	5												
2. Interaction	5												
3. Presentation	5												
4. Content	5												
5. Learning Value	5												
Total	25												
Any other Suggestions	Very useful for this Seminar Thank you sir												
Signature of the Participant													

  
HOD

  
Reviewed by Faculty In charge