

Name of the Event: **Insight to Six Sigma and DOE Workshop**

Mode: **Offline**

Venue: **Instrumentation Building Auditorium**

Date: **1st February 2023**

Time: **3pm to 5pm**

Type of audience: **All Branches**

Name, contact details, department of Faculty reporting the activity:

Yashwant Munde (Faculty Advisor)

[yashwant.munde@cumminscollege.in](mailto:yashwant.munde@cumminscollege.in)

Mechanical Department

Anand Bewoor

[anand.bewoor@cumminscollege.in](mailto:anand.bewoor@cumminscollege.in)

Dean Academics

Short description of the activity:

Key Benefits of Six Sigma for engineers are Problem Solving, Reducing errors, Add Value and Optimising best solution.

ASME Student Section arranged a workshop on Six sigma and DOE. The aim of this workshop was to understand the set of techniques and tools used for process improvement. A very informative and insightful session was delivered by our guest speaker Dr. Makarand Joshi. He has over 30 years of experience in Manufacturing, Quality, Global Purchasing and Supply Chain.

The Session started at 3:00 pm with over 40 attendees. Introduction of Guest Speaker was done by ms. Aboli Pakhale followed by giving him a welcoming gift (autobiography of MKSSS's Founder Shri Maharshi Karve) from ASME CCOEW section's faculty advisor Dr. Yashwant Munde.

Dr. Makarand Joshi explained Basics of Six Sigma with examples, Theory of variation and interpretation of bell curve. The session was very well held and engaging. Further, he explained Design of Experiments (DOE) in three approaches - Classical, Taguchi, Shainin. He elaborated in detail regarding Shainin Taguchi Tools.

Followed by a short break the speaker conducted a short workshop on DOE Response which gave students an insight into the Shainin DOE model and helped students better understand the theory explained earlier.

In the end a Question and answer session was conducted to clear any doubts the students had. The session concluded with a vote of thanks given by Miss Maithili

## ASME Cummins Student Section 2022-23

Deshpande. The session was an amazing opportunity for participants to learn about Six Sigma and DOE.

No. of Participants: 41 students

### Speaker details:

- Designation – Director Supply Chain, Cummins India Ltd
- Total Experience – 30 + years
- Organizations Worked for - Bajaj Auto, Mahindra & Mahindra, Mercedes Benz, John Deere & Cummins
- Experience Spread – Manufacturing, Quality, Global Purchasing & Supply Chain
- Education – Diploma in Mechanical Engg, Bachelor in Industrial Engg, Executive MBA from IIM Ahmedabad

### Organizer's details:

ASME Cummins Student Section

### Point of Contact:

Anand Bewoor

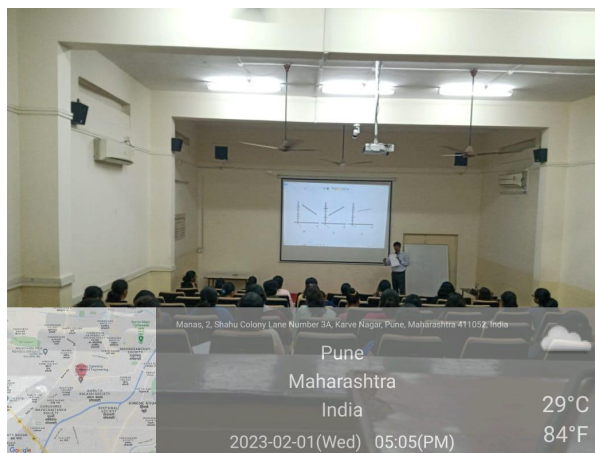
[anand.bewoor@cumminscollege.in](mailto:anand.bewoor@cumminscollege.in)

Dean Academics

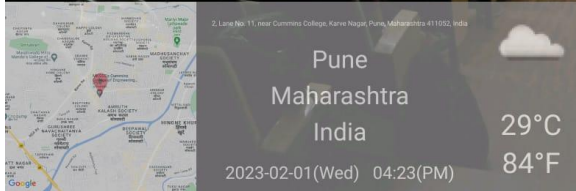
Feedback of Participants: NA

Impact analysis and action taken thereof:NA

### Geo Tag Photos of the event:



## ASME Cummins Student Section 2022-23



ASME Cummins Student Section 2022-23

Newspaper news if any:NA

Sample certificate if any:NA

Attendance, list of attendees if any:

Name	Branch-Year	Sign
1. Swaralee Dabke	Mech TY	SD
2. Aboli Pakhale	Mech TY	AP
3. Chaitrali Kulkarni	Mech SY	CK
4. Riddhi Pendse	Mech TY	RP
5. Siddhi Sannekar	Mech TY	SS
6. Riddhi Kahar	Mech TY	RK
7. Ayali Muralidharan	Mech TY	AM
8. Sunidhi Gaikwad	Mech SY	SG
9. Urvi Deokar	Mech SY	UD
10. Palavi Gaikwad	Mech SY	PG
11. Akansha Patilkar	Mech TY	AP
12. Priya Shah	Mech TY	PS
13. Shweta Jha	Mech TY	SJ
14. Shraddha Mandhare	Instre TY	MS
15. Bhagyashri Sasane	Mech SY	BS
16. Pradnya Powar	Mech SY	PP
17. Sharvari Londhe	Mech SY	SL
18. Tanvee Kulkarni	Mech SY	TK
19. Payal Agrawal	IT SY	PA
20. Jagruti Kate	Entc FY	JK
21. Tarini More	Mech FY	TM
22. Sayli Wakade	Mech FY	SW
23. Sakshi Sunil Limut	Mech FY	SL
24. Geeta Sutar	Mech FY	GS
25. Yashnavi Sonawane	Mech FY	YS
26. Snehal Powar	Mech FY	SP
27. Shreuti Saepc	Mech FY	SS
28. Sanikamane	Mech FY	SK
29. Rutuja M. Mohite	Mech FY	RM
30. Apurva Bhagwat	Mech SY	AB
31. Pranavi Deshmukh	Mech SY	PD
32. Mugdha Deshmukh	Mech SY	MD

## ASME Cummins Student Section 2022-23

33	Vaishravi Meharkule	M.Tech 1st year - Mech	VMeharkule
34	Sonam Khatal	Mech SY	SKhatal
35	Sakshi Gaurikwad	Mech ST	SGaurikwad
36	Futuja Deshpande	B.Tech Mech	FDeshpande
37	Sai Motade	B.Tech Mech FY	SMotade
38	Vasudha Bhagat	B.Tech mech FY	VB
39	Aishwarya Ashok Mahajan	B.Tech Mech FY	AMahajan
40	Sakshi Sambhaji Chavan	B.Tech Mech. FY	SChavan
41	Devashree Harkare	B.Tech Mech FY	DH

Mail communication / Poster/ pamphlet/brochure of the event/ Notice (all or whichever is available):

Insights into Six Sigma and DOE workshop Inbox x



ASME -Cummins Student Section <asme@cumminscollege.in>

Fri, Jan 27, 8:00AM



to All, Yashwant, Anand, 1725\_PRAJAKTA, 1722\_ASRA\_FATIMA, 1706\_MRUDUL, Pradnya, Srushti, 1716\_MAITHILI, 1721\_Poorva, 1713\_Swaralee, 1726

Greetings from ASME CCOEW!!

The ASME Section is back with a new event after a grand success of our potential Industrial visit. A workshop on **Six Sigma and DOE**. ✨ ✨

Six Sigma is a **process that makes use of statistics and data analysis to analyze and reduce errors or defects**. The Six Sigma Methods have been useful in all types of Engineering including Industrial, Chemical, Civil, Aerospace, Aeronautical, Computer, Electrical, Mechanical, Automotive, Structural, Mechatronic and many more.

Taking under consideration its importance and growing demand, we are here with an Enlightening Lecture with examples and various case studies! 😊 😊

And the best part is- **hands on group case study for members and opportunity to witness it for non-members.** 😊



### Speaker of Honour

Mr. Makarand Joshi, who has 30+ years of experience in Manufacturing, Quality, Global purchasing and Supply chain He has worked for various other Organizations like Mercedes Benz, John Deere, Bajaj Auto and many more.....

So do not miss this chance to interact one-on-one with this legend and make the most out of it.

### Key benefits of Six Sigma for Engineers:

- Problem Solving
- Reduce Errors
- Add Value
- Optimizing the Best solution

And yes, you guessed it correctly DOE is one of the Six Sigma tools

Click on the below link to grab your seats:

<https://forms.gle/mQFSQaf5vNA2ncTa8>

**Date: 01st February, 2023, Wednesday**

**Venue: Mechanical Auditorium**

**Time: 03:00 p.m. to 05:00 pm.**

Hope to see you all for the session.

Regards,  
ASME-CCOEW

ASME-CCOEW CORDIALLY INVITES YOU TO A

## INSIGHT INTO SIX SIGMA AND DOE WORKSHOP!

**Mr. Makarand Joshi.**

**About Speaker**

- Bachelor in Industrial Engineering
- MBA from IIM Ahmedabad
- Director of the supply chain at Cummins India Ltd.
- 30 Years of industrial Experience

**REGISTER NOW!**



**LEARN ABOUT SIX SIGMA**

**FREE WORKSHOP!**

**OPEN TO ALL BRANCHES**

**1st February , 3:00-5:00 pm**

**Mechanical Auditorium**

 asme\_ccoew  ASME-STUDENT SECTION  ASME-STUDENT SECTION  ASME-STUDENT SECTION  asme@cumminscollege.in

Drive Link of the folder for detailed information:

[https://drive.google.com/drive/folders/1Y8f-eQBr2w-VPrkBghW7zioWVpdcvL\\_3?usp=share\\_link](https://drive.google.com/drive/folders/1Y8f-eQBr2w-VPrkBghW7zioWVpdcvL_3?usp=share_link)