

<b>Name of the programme</b>	<b>Six Sigma White Belt</b>
<b>Date</b>	<b>23.05.2020</b>
<b>No. of Participants</b>	<b>61</b>
<b>Nature of participants</b>	<b>Internal Faculty and Students</b>



B.S. Abdur Rahman

**Crescent**

Institute of Science & Technology  
Deemed to be University u/s 3 of the UGC Act, 1956  
GST Road, Vandalur, Chennai 600 048

## Webinar on “Six Sigma White Belt

On 23<sup>th</sup> May 2020 10.30 A.M to 12 Noon

### Department of Mechanical Engineering, BSACIST Organized a Webinar

In collaboration Vision Excellence

On the topic **Six Sigma**

<b>Coordinator</b> <b>Dr.S.Ravikumar,</b> Asst Professor , Dept of MechancialEngg School of Mechanical Sciences, BSACIST.	<b>Coordinator and Speaker from</b> <b>Vision Excellence</b> <b>Dr.GopalSivakumar,</b> Executive Officer Vision Excellence Chennai.
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#### PREAMBLE

- The webinar on “Six Sigma” was organized in collaboration with the Vision Excellence. The presentation was delivered by Dr.GopalSivakumar of Vision Excellence. The webinar offers a brief introduction about six sigma.The presentation delivers a better format for developing leadership skills among the leaders of each team and the Leaders of each group play a vital role to guide the team towardssuccess. The presenter also delivers a six sigma phases such as define, measure, analyze, improve and control with industrial examples and focused on the internship and job opportunity available in the industry
- The presenter motivated the students to approach the industries confidently,and get the industrial exposure through In-plant Training ,Internship and industrial visits

COORDINATOR  
(Dr.S.Ravikumar)

HEAD OF THE DEPARTMENT  
(Dr. H. Siddhi Jailani)



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## Attendees

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An exclusive batch for  
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### FACILITATORS



**Prof. Dr. Gopal Sivakumar**

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**Prof. Dr. V. Ramakrishnan**

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organised by **Department of Mechanical Engg**  
**( School of Mechanical Sciences)**

## CERTIFIED SIX SIGMA WHITE BELT

The Start of your Success Story

**Batch III:**  
**Saturday, 23rd May 2020**  
**10:30 AM - 12:00 NOON**

**DELIVERY METHOD**  
Zoom Virtual Classroom

**COURSE FEE: FREE**  
e-certificate will be provided

**FOR REGISTRATION, WHATSAPP**  
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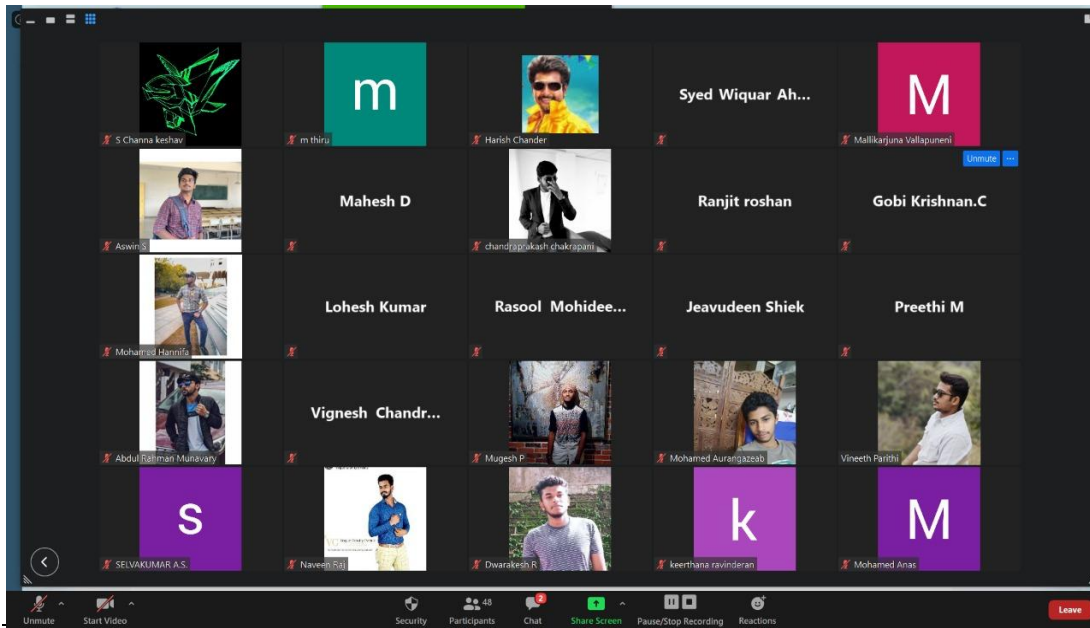


# VISION

▶ EXCELLENCE ◀

**We help you Grow, Progress & Succeed!**

## Attendees screen shot





CERTIFIED LEAN SIX SIGMA

GREEN BELT TRAINING

Facilitators

Dr. Gopal Sivakumar

Dr. V. Ramakrishnan

Mrs. M. Devipriya

## INTRODUCTION TO SIX SIGMA



### Speaker's Profile

Dr. GOPAL SIVAKUMAR, B.E.(Distn.), M.E., Ph.D

Principal Consultant-Lean Six Sigma

Mentor-Campus to Corporate Program,

MSME-Technology Development Centre, Chennai

Mobile: 8825942908; E-mail: tagsivakumar@gmail.com

- **Lean Six Sigma Black Belt** with expertise in SPC, DoE, MSA, 5S, Lean and Six Sigma deployment
- **18+ years Experience** in Teaching, Lean Six Sigma Training, Industrial Research and Consulting
- Has about **6600 hours of training experience** on Lean and Six Sigma tools and techniques
- Authored many research articles, books and book chapters in **Mechanical Engineering, Mathematics and Statistics**
- During his academic tenure, he developed many **Industry Collaborative PG programmes** for Automotive, Manufacturing, IT and Electronics Industries
- Demonstrated highly successful DMAIC projects for his clients including **Nokia Networks and Solutions, IP Rings, Devendra Autocomm Pvt. Limited, PH Automotive, Murugappa Group etc**

## Projects in Healthcare

1

Mean wait time in emergency department (ED)

2

Medication errors per 1,000 treatments

3

Patient/staff ratios & Physician productivity

4

Percentage of outpatient revenue

## Six Sigma KPIs- Manufacturing

- Market Share
- Share Price
- Cash CC
- EBIDTA
- Gross Profit Margin
- %decrease in production-to-market time
- Unused capacity expenditures
- Reduction in penalties
- Percentage increase in revenue

Top Management

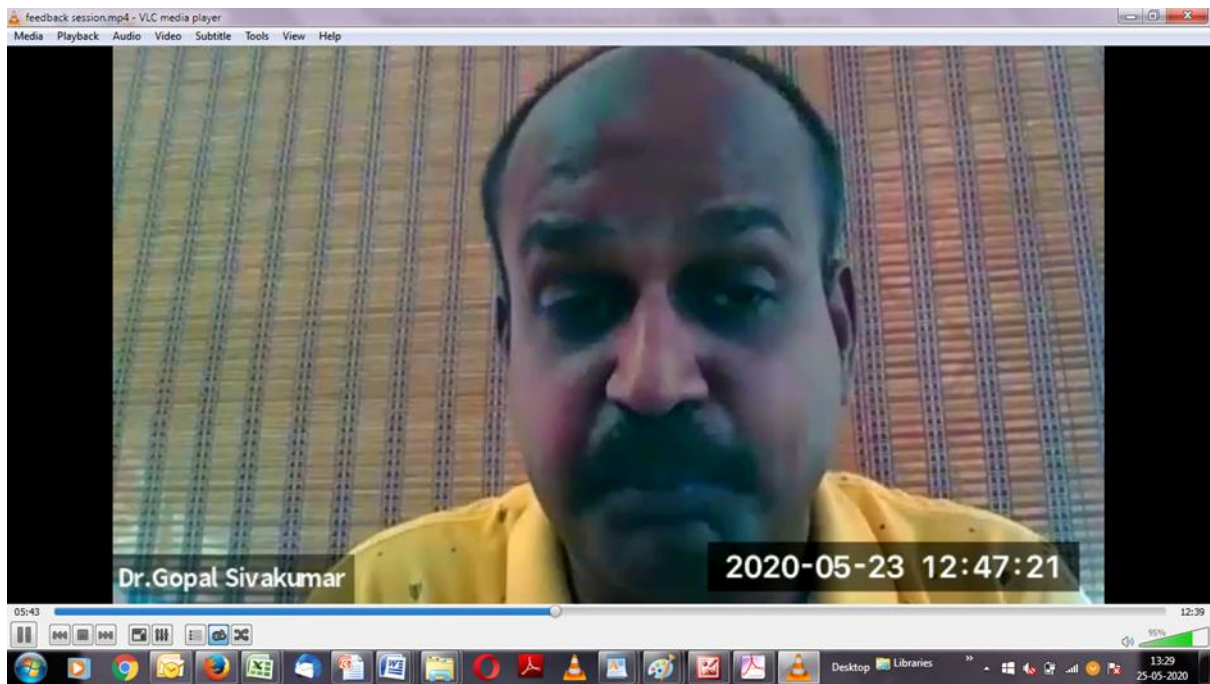
- Employee Available Time
- Inventory Turnover
- Faults detected prior to failure
- Maintenance cost per unit
- Manufacturing cost per unit
- Mean time between failure (MTBF)
- Overtime as a percentage of total hours
- Time from order to shipmen

Middle Manager's

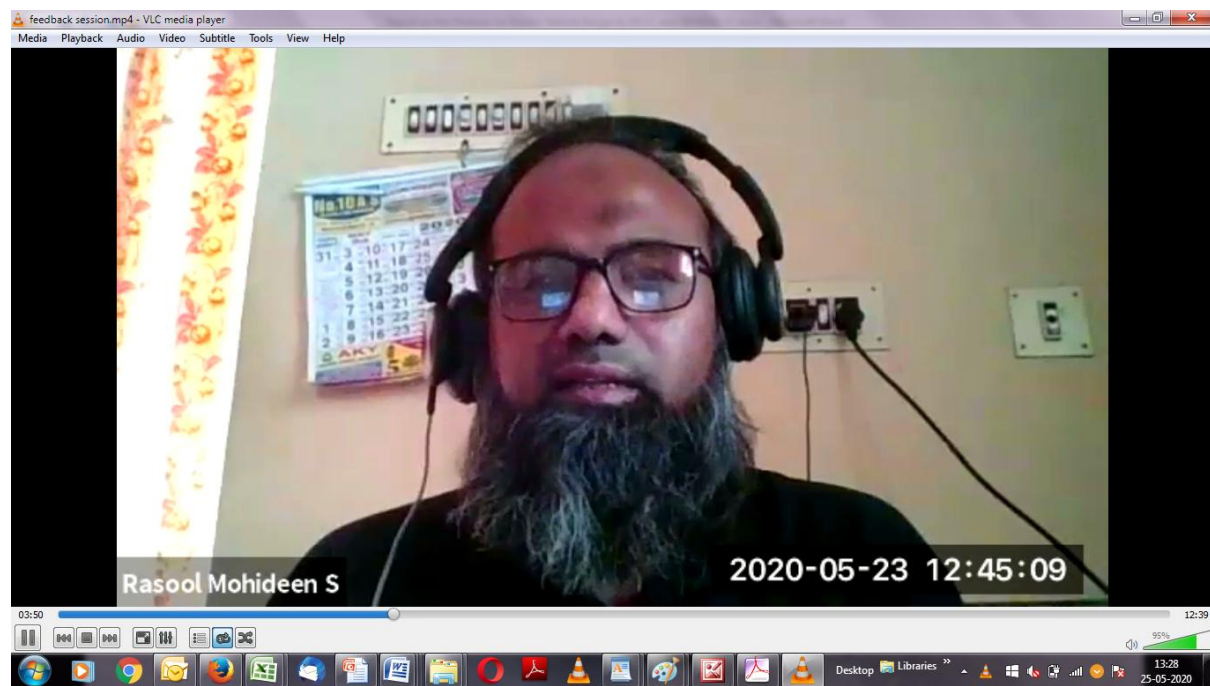
- Process capability
- Work-in-progress (WIP)
- Defects ratio
- Process cycle Time
- first-pass yield
- Units produced
- Operating Cost
- M/c downtime
- Percentage reduction in manufacturing lead times

Supervisor's





Dr.Gopal Sivakumar presenting the webinar



Deam SMS- Dr.RasoolMohideen in the Webinar Interacting with Speaker



DR. S.Ravikumar coordinating the event



Certificate issued after the participants clearing the quiz scoring minimum of 60 %