

REPORT OF ALL INDIA SEMINAR/WORKSHOP ORGANISED BY CENTRES / OVERSEAS CHAPTERS

Name of Centre / Overseas Chapter:	IEI KANCHEPURAM LOCAL CENTRE
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Title of Activity:	All India Workshop On Lean Manufacturing to Minimize Waste in Production Systems
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Activity under Divisional Board	Production Engineering
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Date:	12th & 13th August 2022	Venue:	Library Conference Hall, St. Joseph's Institute of Technology, OMR, Chennai
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Banner of the Workshop



Dr. S. Ajit is giving a Lecture



Photo of Inaugural Session with banner of IEI
Dr. D. Ilango Council member & Chairman of IEI KLC, Dr.P.Ravichndran Principal, Dr.K.Arun Vasantha Geethan, HOD, Dr.D.Elilraja HOD Lab affairs, Mr. R. Balakrishnan, CEO Viruksa Manufacturing Solutions Private Limited
Chief Guest of the event were present in the dias during Inaugural Function



Students participating the Technical Session presenting by Mr. R. Balakrishnan, CEO Viruksa Manufacturing Solutions Private Limited



Report of All India Seminar/Workshop

Brief Details about the Programme:

This report captures a two-day workshop on **Lean Manufacturing to Minimize Waste in Production Systems** sponsored by **The Institution of Engineers (India)** was organized by **Department of Mechanical Engineering, St.JOSEPH'S INSTITUTE OF TECHNOLOGY** during **12th & 13th August 2022**.

During the inaugural session, **Dr.K.Arun Vasantha Geethan Prof & Head /MECH** welcomed the gathering, **Dr.D.Elilraja, Assos Prof & Head (Lab affairs)** Cited the chief Guest **Dr. D. Elango., FIE Council member & Chairman IEI-Kanchepuram Local Center**. Gave the presidential address. Followed by his speech, The Chief Guest of Honour. **Mr.R. Balakrishnan, CEO, Viruksa Manufacturing Solutions Private Limited, Chennai**. Lean manufacturing is a methodology that focuses on minimizing waste within manufacturing systems while simultaneously maximizing productivity.

Also known as lean production, or just lean, the integrated social technical approach is based on the Toyota Production System and is still used by that company, as well as myriad others, including Caterpillar Inc. and Nike.

Lean manufacturing is based on a number of specific principles, such as Kaizen, or continuous improvement. the lean principles have profoundly influenced manufacturing concepts throughout the world, as well as industries outside of manufacturing, including healthcare, software development and service industries.

Details of the Sessions:

Day-1(Forenoon) Inaugural Session Inaugural programme, Keynote Address	Inaugural Address by: Mr. R. Balakrishnan, CEO Viruksa Manufacturing Solutions Private Limited Topic: Identify value from the customer's perspective.
Day-1(Afternoon) Technical Session I	Mr. Manoj Guru, Master Black Belt, Design Thinking Practitioner Data Visualization Expert, Intelligence Quality Topic: Map the value stream.
Day-1(Afternoon) Technical Session II	Mr. Manoj Guru, Master Black Belt, Design Thinking Practitioner Data Visualization Expert, Intelligence Quality Topic: Create flow by Eliminate functional barriers
Day-2 (Forenoon) Technical Session III	Dr. S. Ajit, Faculty of MBA, St.Joseph's College of Engineering OMR, Chennai-600 119 Topic: Establish a pull system.
Day-2 (Afternoon) Technical Session IV	Mr. P. Surenthran David, Faculty of MBA, St. Joseph's College of Engineering, OMR, Chennai-600 119 Topic: Pursue perfection with continual process improvement or kaizen.
Day-2 (Afternoon) Technical Session V	Mr. P. Surenthran David, Faculty of MBA, St. Joseph's College of Engineering, OMR, Chennai-600 119 Topic: Overall equipment effectiveness.
Day-2 (Afternoon) Valedictory Session	Valedictory Address by Dr. K. Arun Vasantha Geethan., HOD/Mech