



Er.PERUMAL MANIMEKALAI COLLEGE OF ENGINEERING

Accredited by NAAC with 'A' Grade; an ISO 9001:2015 Certified Institution

17th Km, Hosur – Krishnagiri Highways, NH7, Koneripalli, HOSUR-635117



DEPARTMENT OF MECHANICAL ENGINEERING

VISIONARY LEARNING COMMUNITY OF INDIA

Principle:

Purpose of VLFM is to create Visionary Leaders skilled to transform Indian manufacturing by conveying the management concept of the Japanese manufacturing to the senior and middle managers. For this purpose, VLFM Program highlights the “BIG M” (manufacturing) concept which covers the entire manufacturing eco system from concept creation of new product to after sales service.

Objective:

- To introduce the concepts, principles and framework of contents of Toyota Production System (TPS).
- To acquaint the students with various productivity enhancement techniques.
- To acquaint the students with different aspects of Production Planning and Control and Standardization.
- To introduce the concepts of material flow, tier structure as applied in industries.
- To acquaint the students with different aspects of industries shop floor activities and Industrial Safety rules
- The principle objective of VLCI is on Make in India for Indian manufacturing industries, so this ambitious drive to succeed, the base of Indian manufacturing has to be strengthened.
- VLCI Transformation appearance is self-initiated bustle & it consists of four basic modules like 3S (Safety, Shorter Distance & Space), Vmap (Visual Map), Hei-junka(Leveling) & Standardized Work which are supported by community based learning & college faculty involvement to achieve the transformational outcome.
- In order to have Industry ready students, Haritha Seatings hosur have started working on curriculum based VLFM tools for Engineering students. There will be an elective

course or Value added Courses — Modern Manufacturing Concepts starting in third semester. Basic Observation Skills—Safety & Cleanliness is also developed. It will help students to get familiar with observation skills using examples from home & public places.

- VLCI Focus on following Practices:
 1. Leadership Development
 2. Skill Building
 3. Learn-Apply Learn Technique
 4. Tools & Technique (3S, Vmap, Hei-junka & Standardized Work)

Highlights:

- VLCI is a community learning programme to help improve the employability of fresh Engineers.
- The VLCI-COE will help develop next generation Manufacturing Change Leaders (engineering graduates) through a unique teaching-learning process of (30-70) classroom teaching and industrial training. The COE will also train the faculty and industrialists about flow management system and productivity improvement

VLCI Support:

- The objective of “Make in India” for Indian manufacturing industries. So this ambitious drive to succeed, the base of Indian manufacturing has to be strengthened.
- VLCI is looking forward to make this happen in the involvement of educational institutes with manufacturing transformation journey.
- The College and polytechnic would be offering the subject as an open elective and value added course for its engineering and polytechnic students.

Industry ready Engineers:

- To introduce the concepts, principles and framework of Flow management system
- To acquaint the students with various productivity enhancement techniques.
- To acquaint the students with different aspects of Production Planning, execution control and Standardization.
- To introduce the concepts of material flow, tier structure as applied in industries.
- To acquaint the students with different aspects of industries shop floor activities and Industrial Safety rules.