



INDIVIDUAL FACULTY DATA SHEET

Name of the college: **SRI SAIRAM ENGINEERING COLLEGE**
 Department: **Mechanical Engineering**
 Name of the Faculty Member: **K. Venkataraman**
 Staff Code: **ET09ME02**
 AICTE Staff Id: **1-466647315**
 Sairam IRINS Url: **:**
 Aadhar Number: **836316771236**
 Present Designation: **PROFESSOR**
 Residential Address: **DOOR NO7, PLOT NO 26, UNION CARBIDE COLONY, ULLAGARAM**
 Gender: **Male**
 PAN Number: **AFDPK0589E**
 Date of Birth: **10/06/1966**
 Aadhar Line No: **--Nil--**
 Mobile Number: **9962553442**
 Email: **venkat.mech@sairam.edu.in**
 Passport Number: **S2819175**
 Bank Account No: **3048660427**
 Aadhar No: **100182567602**
 UAN: **:**
 NITTID NO: **:**
 IEEE Membership: **98099633**
 ABC ID: **919101429118**

1. Particulars of Educational Qualification: (Only Completed)

Category	Name of the Degree	Specialization	Year of Passing	Name of the college	Name of the University	% of Marks / Grades	Class Obtained
UG	B.E	PRODUCTION & INDUSTRIAL ENGG.	30/06/1988	NATIONAL INSTITUTE OF TECHNOLOGY	ALLAHABAD UNIVERSITY	66.67	I
PG	M.E	MANUFACTURING ENGG.	30/06/2003	MUMBAI UNIVERSITY	MUMBAI UNIVERSITY	62	I
Phd	Completed	MECHANICAL	01/03/2017	VELS UNIVERSITY	VELS UNIVERSITY	--	I

I.a. Additional Qualification

i. GATE Score (In case of B.E./

B.Tech.) ii. NET/SLET (In case of M.C.A./M.Sc./M.A.)

II. Title of Ph.D. Thesis*

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:Implementation ofLean Production System in a manufacturing industry

III. Faculty in Which Ph.D. Was Awarded **:MECHANICAL ENGG**

IV. ACADEMIC EXPERIENCE

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Y	Months	D
SNDT UNIVERSITY	Lecturer	21/07/1997	31/10/2007	10	3	1
NMIMS UNIVERSITY	ASSISTANT PROFESSOR	01/11/2007	15/01/2009	1	2	1
SAI RAM ENGINEERING COLLEGE	PRO FESS OR	15/06/2009	TillDate-18/07/2025	16	1	7
Total				27	7	7

V. INDUSTRIAL EXPERIENCE:

Name of the organization	Designation	Nature of work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
AXIS COMPUTERS INDIA PVT LTD NOIDA	CAD ENGINEER	CAD	21/11/1988	31/07/1989	0	8	12
DESEIN INDURE NEWDELHI	RD ENGINEER	RD	01/08/1989	01/02/1991	1	6	4
RANE TRW POWER STEERING VIRALIMALAI	SUPDT	QUALITY	01/04/1991	21/08/1996	5	4	24
PAL PEUGEOT MUMBAI	OFFICER	SUPPLIER QUALI	30/08/1996	11/06/1997	0	9	15
Total					8	4	15

Papers Published: International Journals

1. K. Venkataraman, B.Vijaya Ramnath, V.Muthu Kumar, C.Elanchezhian, "Application of Value Stream Mapping for Reduction of Cycle Time in a Machining Process", Procedia Materials Science 6 (2014) 1187 – 1196. Science Direct, Elsevier Publications.
2. K. Venkataraman, Dr. B. Vijayaramnath, Kannappan.S," Comparative Analysis of AHP and ANP Model for Lean Production System Justification", Applied Mechanics and Materials Vol. 591 (2014) pp 197-201, © (2014) Trans Tech Publications, Switzerland.
3. K.Venkataraman, B.Vijaya Ramnath, R.Sarvesh,C.Rohit Prasanna, " Selection

4. B. Vijaya Ramnath, Vishal Chandrasekhar, C.Elanchezhian, Vinoth Selva Bruce.L, K. Venkataraman, “Value stream evaluation and simulation to improve material flow and productivity”, Applied Mechanics and Materials Vol. 612 (2014) pp 89-95, © (2014) Trans Tech Publications, Switzerland
5. Vinoth Selva Bruce L, K. Venkataraman, B.Vijaya Ramnath,” Application of Analytic Network Process in Lean Production System Justification”, International Journal of Engineering Research, Volume No.3 Issue No: Special 1, pp: 144-147. ISSN:2319-6890(online),2347-5013(print), 22nd March 2014.
6. B.Vijaya Ramnath, C.Suresh Kumar, G. Riyaz Mohamed, K. Venkataraman, C. Elanchezhian, “Analysis of Occupational Safety and Health of Workers by Implementing Ergonomic Based Kitting Assembly System.” Procedia Engineering 97 (2014) 1788 – 1797, ScienceDirect, Elsevier Publications.
7. Venkataraman.K, Vijaya Ramnath.B, Jaya Kumar.K, “implementation of MCDM in lean manufacturing using value stream mapping and anova table in automotive industry”. Impact International Journal of Advance Research, Vol.7, Issue 1, October 2015.
8. Venkataraman.K, Vijaya Ramnath.B, Jaya Kumar.K, “ Implementation of MCDM model in Lean Manufacturing using Grey Relational Analysis in Automotive Industry”. International Journal of Engineering & Technology,7(2.33) (2018) 48-50
9. K Venkatarman, B Vijayaramnath , T V Sivaramakrishnan and N Murugan ,”Model to build cost competitiveness through material productivity – a case study”. IOP Conf. Series: Materials Science and Engineering 402 (2018) 012122 doi:10.1088/1757-899X/402/1/012122
10. Yogesh, M., Ramachandran, C., Venkatraman, K., Kalaiselvi, V. “La vie enregistrer”, Proceedings of the 2017 2nd International Conference on Computing and Communications Technologies, ICCCT 2017
11. Ramnath, B.V., Venkatraman, K., Venkatram, N. “Powered two- wheeler with integrated safety using recurdyn multi-body dynamics “.Applied Mechanics and Materials Vol. 591 (2014) pp 193-196, Trans Tech Publications,

Switzerland,

12. Venkataraman.K, Vijayaramnath B, “ Design Optimization of an Automotive component in Product development” International Journal of Engineering and Advanced Technology, ISSN 2249 – 8958, Volume Issue 1, Oct 2019. Doi: 10.4028/www.scientific.net/AMM.591.193
13. Development of nickel alloy based hard facing procedure for fast breeder test reactor control rod sheath using conventional gas tungsten arc welding process and metal cored alloy grade ERC Ni Cr – B **Venkataraman, K., Varunanand, V., Tharun, S., Thanush, S., Prakash, S.**
Materials Today: Proceedings, 2023
14. A Mobile Charger through a Solar Panel Fabricated from Silicon Scrap
Venkataraman, K., Selvan, E.V., Gandhi, R.A., ...Varunanand, V., Vasanthakumar, B. 3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022 - Proceedings, 2022

Research Papers Published in International Conference Proceedings

1. Venkataraman.K, B.VijayRamnath, S.Kannappan, “Lean Manufacturing System Implementation – A Case study” Proceedings of second International Conference on Advances in Industrial Engineering Applications (ICAIEA2014) Anna University, January 6-8, 2014.
2. E.Vetre Selvan1, Mr.K.Venkataraman, and B.Vijaya Ramnath, “Developing Frame Work for Lean Based New Product Development”, 2nd International Conference on Advanced Manufacturing and Automation (INCAMA-2013), Kalasalingam University, March 28 – 30, 2013.
3. E.Vetre Selvan, K.Venkataraman, and B.Vijaya Ramnath, “Optimization of concept selection process in NPD cycle through fuzzy logic”. International Conference on Computational Intelligence and Advanced Manufacturing Research, ICCIAMR 2013, Vels University, Chennai, Vol – AB, ISBN – 978–81–924031–7-5
4. S.Prabhu Mani Rathinam, K.Venkataraman, and B.Vijaya Ramnath, “Optimization of concept selection process using Artificial Neural Network”. International Conference on

Computational Intelligence and Advanced Manufacturing Research, ICCIAMR 2013, Vels university, Chennai, Vol – AB, ISBN – 978–81–924031–7-5.

5. K.Venkataraman, B.Vijaya Ramnath, “Selection of Manufacturing method using ANN”, International Conference on Modeling, Optimization and Computing, ICMOC – 2014, Noorul Islam Centre for Higher Education, Kumaracoil, Kanyakumari, Tamil Nadu.
6. K.Venkataraman, B.Vijaya Ramnath, “Lean Production System Implementation in a component manufacturing Industry a case study,” 4th International Conference on futuristic trends in Mechanical Engineering, ICFTME2015, Thiruvalluvar college of Engineering and Technology, Arunachala City, vandavasi, Tamil Nadu.

Research Papers Published in National Conference Proceedings

7. K.Venkataraman, B.Vijaya Ramnath, “Implementation of lean manufacturing system a case study,” National Conference on advances in Mechanical Engineering- NCAME 13, held at Sri SaiRam Engineering College, on 25th April 2013, West Tambaram, Chennai.
8. K.Venkataraman, B.Vijaya Ramnath “Analysis and Optimization of Parabolic leaf spring for light commercial vehicles.” Sixth national conference on emerging trends in mechanical engineering – NCETNE 2015, on 1st April 2015 at SNS college of Technology, Coimbatore.

MEMBERSHIP IN PROFESSIONAL BODIES: SAE, IEEE, ISTE, IWS, IARS.

**FUNDED PROJECTS: 3 - PROJECTS, AICTE 2 WORTH 25 LAKHS , DST
1.71 CRORES APPLIE**

PATENTS PUBLISHED: 4 , TO BE GRANTED.

GOOGLE SCHOLAR ID: <https://scholar.google.com/citations?user=i4csnCQAAAAJ&hl=en>

SCOPUS PREVIEW: <https://www.scopus.com/authid/detail.uri?authorId=57198033480>

VIDWAN ID: <https://vidwan.inflibnet.ac.in/myprofile>

