

# Dr. ANILKUMAR E. N.

Assistant Professor, Mechanical Engineering



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## Qualifications:

- Ph. D. Sustainable Supply Chain Management (NIT Calicut)
- M. Tech Industrial Engineering (College of Engineering, Trivandrum)
- B. Tech Mechanical Engineering (Rajiv Gandhi Institute of Technology, Kottayam)

## Professional Experience:

- Assistant Professor, LBSITW, Trivandrum (2005-Till date)
- Assistant Professor, LBSCE, Kasaragod (2001-2005)

## Recently Taught Courses:

- Industrial Safety Engineering
- Sustainable Engineering
- Engineering Graphics
- Basics of Mechanical Engineering
- Fluid Mechanics Laboratory

## Other Responsibilities:

- Member Board of Studies for Industrial Engineering Stream- APJ Abdul Kalam Technological university
- NBA Accreditation Coordinator: LBSITW Poojappura
- Staff Advisor-College Union (2021-2022)
- Staff Advisor (2018-2022 CE)
- Member of Question Paper Setting and Scrutiny committee of B.Tech courses of the University of Kerala and APJ Abdul Kalam Technological university
- President- LBSITW Employees Cooperative Society
- Member APJ Abdul Kalam Technological university Academic Audit 2021-2022
- Member Disciplinary Action Committee, LBSITW Poojappura

- Member of Pass Board committee of different B.Tech courses of the APJ Abdul Kalam Technological university
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## Important Publications:

### I) JOURNAL PAPERS

1. “Statistical characterization of managerial risk factors: a case of state-run hospitals in India”, C. R. Vishnu, E. N. Anilkumar, R. Sridharan, P. N. Ram Kumar, OPSEARCH <https://doi.org/10.1007/s12597-023-00633-4>, Springer, 2023.
2. “Prioritization of Barriers in Implementing Sustainable Practices in Healthcare Sector: An integrated DEMATEL, ISM and PROMETHEE Model”, E.N. Anilkumar; R. Sridharan; P.N. Ram Kumar, International Journal of Services and Operations Management Vol.41 No.4, pp.486 – 513, 2022.
3. “Sustainable Supply Chain Management A Literature Review and Implications For Future Research”, Anilkumar E.N. and Sridharan R., International Journal of System Dynamics Applications, Vol. 8 issue 3, pp. 15-52, 2019.
4. “Analyzing the interactions among barriers of sustainable supply chain management practices: a case study, E. N. Anilkumar, R. Sridharan, P. N. Ram Kumar, Journal of Manufacturing and Technology management (JMTM), Vol. 30 No. 6, pp. 937-971, 2018.
5. “Sustainable development: A case study of India’s Perform, Achieve and Trade (PAT) Scheme, Anilkumar E.N. and Sridharan R., Industrial Engineering Journal, Vol. IX & Issue No.9, pp. 24 – 33, 2016.

### II) BOOK CHAPTER

1. “ Analysis of barriers and enablers of sustainability implementation in healthcare centers”, Ashish Bhalchandra Chate, E. N. Anilkumar & R. Sridharan, Operations Management and Systems Engineering (Springer) pp 287–298, 2020.
2. “Strategic Barriers and Operational Risks in Sustainable Supply Chain Management in the Indian Context: A Grey Relational Analysis Approach, R. Sridharan, E. N. Anilkumar and C. R. Vishnu, IGI Global Publishers, Book Chapter- Chapter 14, pp. 238-259, 2019.

### III) CONFERENCE PAPERS

1. "Analysis of barriers and enablers of sustainability implementation in healthcare centers", Ashish Bhalchandra Chate, E. N. Anikumar & R. Sridharan, CPIE-2019\_147, June 8-10, 2019.
2. "Analyzing The Interactions Among Barriers of Sustainable Supply Chain Management Practices: A Case Study E. N. Anikumar & R. Sridharan, IV th International Conference on Production and Industrial Engineering, CPIE-2016, DR B R Ambedkar National institute of Technology Jalandhar, CPIE-2016\_203, December 19-21, 2016.
3. "SWOT analysis in Medical Tourism Area of Kerala", M. N. Anish, E. N. Anikumar & R. Sridharan, IV th International Conference on Production and Industrial Engineering, CPIE-2016, DR B R Ambedkar National institute of Technology Jalandhar, CPIE-2016\_203, December 19-21, 2016.
4. "Sustainable Supply Chain Management Practices in Indian Manufacturing Sector: A critical literature review, IV th International Conference on the "Best Practices in Supply Chain Mangement (BPSCM 2016)", Trivandrum, BPSCM 2016, December 22-23, 2016.
5. "Drivers and Obstacles for Implementing Sustainability Pract, ices in Indian Manufacturing Industries: A Critical Literature Review, E. N. Anikumar & R. Sridharan, 2nd International Conference on Inclusive Economic Growth and Sustainable Development, SDMIMD, Mysuru, India, November 18-19, 2016.
6. "Emission Trading in India: A literature Review, E. N. Anikumar & R. Sridharan, Proceedings of the National Conference on Futuristic Advancements in Mechanical Engineering (FAME2K16) at College of Engineering Thalassery, 8-9 August 2016.

### IV) Textbook publication

Workbook Titled "Design and Engineering (As per KTU model question paper)", Anshad A., Anilkumar E. N.- **Published 4 editions (2016, 2017, 2018 & 2019).**

## Expert lectures delivered

| Sl. No. | Course Name   | Organizing institute | Sponsoring agency | Duration of the course | Date of expert talk |
|---------|---|----------------------|-------------------|------------------------|---------------------|
| 1       | National Conference on Geotechnics and Concrete Structures (GeoCon2020) | LBSITW Poojappura    | TEQIP             | 26-27 August 2020      | 26-08-2020          |

|   |  |             |      |                     |            |
|---|--|-------------|------|---------------------|------------|
| 2 | Models and Methods for Supply Chain Decisions                | NIT Calicut | MHRD | 21-26 May 2018      | 22-05-2018 |
| 3 | Research Methodology for Science, Engineering and Management | NIT Calicut | MHRD | 24-28 February 2018 | 25-02-2018 |

## **Membership in Professional Organizations**

- Life member ISTE
- Life Member IIIE