



ADDRESS

OFFICE

Department of Mechanical
Engineering
LBS College of Engineering
Muliya Post
Kasaragod - 671542

RESIDENCE

ARADHANA, TC14/1287-1,
KUMARAPURAM, MC P O,
TRIVANDRUM

CONTACT

PHONE:
9495838477

WEBSITE:

EMAIL:
anilkumarme@lbscek.ac.in

Dr. ANILKUMAR E N

ASSOCIATE PROFESSOR

EDUCATION

N I T CALICUT

2020
Ph.D. IN MECHANICAL ENGINEERING

COLLEGE OF ENGINEERING TRIVANDRUM

2011
M TECH IN INDUSTRIAL ENGINEERING

RAJIV GANDHI INSTITUTE OF TECHNOLOGY KOTTAYAM

1998
B TECH IN MECHANICAL ENGINEERING

TEACHING EXPERIENCE

L B S COLLEGE OF ENGINEERING

JAN 2001 to JUNE 2005

L B S I T W POOJAPPURA

JUNE 2005 to AUGUST 2023

L B S COLLEGE OF ENGINEERING

AUGUST 2023 to till date

RESEARCH INTERESTS

Supply Chain Management, Ergonomics

No. of Books (Self authored/co-authored/edited): (Attach List): 1

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

No. of Chapters Contributed in Edited Books: (Attach List) : 2

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.

No. of Research Articles / Papers Published in Journals /Conference Proceedings: (Attach List): 8 (Journals)+ 7 (conferences) : 15

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 Vol. 80 No.1, pp.812 – 834, 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. “Significance of Nut Factor in Fastening of Joints in Engineering Structures”, Setalaxmi H, Sumithra M.D., Anil Kumar E.N., International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-6, 2020
4. “Impact of Urbanization on Water Quality of Karamana River”, Anjana Balan B. S., Anju Suresh, Arathi A., Arya S. Nair, Mini M. and Anilkumar E. N. Journal of Environmental Engineering and its Scope, Vol 3 Issue1, pp 1-20, 2020.
5. “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.
6. “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.

7. “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.
8. Development of Certification System for Engineering Faculties in India, Anilkumar E N., Vishnu C. R. and Anil B. (2014), International Journal of Advance Industrial Engineering, Vol.3, No.4, pp 214-222.
9. International and National Certification Systems: A comparative Study. Anilkumar E N., Vishnu C. R. and Anil B. (2014), International Journal of Advance Industrial Engineering, Vol.2, No.1, pp 12-16.

2) CONFERENCE PAPERS

1. “Prediction of Infiltration Rate from Soil Properties Using a Regression Model”, Devangana U A, Greeshma P S, Linta Vincent, Megha S P, Anilkumar E N, Neha Shan, Innovations in Civil Engineering 2021, July 22-23, 2021, Marian Engineering College, Trivandrum.
2. “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.
3. “Analyzing The Interactions Among Barriers of Sustainable Supply Chain Management Practices: A Case Study E. N. Anikumar & R. Sridharan, IVth 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. “SWOT analysis in Medical Tourism Area of Kerala”, M. N. Anish, E. N. Anikumar & R. Sridharan, IVth 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.
5. “Sustainable Supply Chain Management Practices in Indian Manufacturing Sector: A critical literature review, IVth International Conference on the “Best Practices in Supply Chain Management (BPSCM 2016)”, Trivandrum, BPSCM 2016, December 22-23, 2016.
6. “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.

7. “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.

3) BOOK CHAPTER

1. “ Analysis of barriers and enablers of sustainability implementation in healthcare centers”, Ashish Bhalchandra Chate, E. N. Anikumar & 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.

4) TEXT BOOK PUBLICATION

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

5) EXPERT LECTURES DELIVERED

Sl. No.	Course Name	Organizing institute	Sponsoring agency	Duration of the course	Date of expert talk
1	NBA Accreditation and Outcome Based Education	Mohandas College of Engg., Trivandrum	Mohandas College	One day workshop	18-01-2024
2	NBA Accreditation and Outcome Based Education	LBSCEK Kasaragod	LBS Centre for Science and Technology	One day workshop	13-06-2023
3	National Conference on Geotechnics and Concrete Structures (GeoCon2020)	LBSITW Poojappura	TEQIP	26-27 August 2020	26-08-2020
4	Models and Methods for Supply Chain Decisions	NIT Calicut	MHRD	21-26 May 2018	22-05-2018
5	Research Methodology for Science, Engineering and Management	NIT Calicut	MHRD	24-28 February 2018	25-02-2018

FDP ORGANIZED

1. Outcome Based Education and NBA Accreditation, Sponsored by TEQIP-II, January 1-18, 2021 at LBSITW Poojappura through online mode.

MEMBERSHIP / FELLOWSHIP OF OTHER INSTITUTIONS / PROFESSIONAL SOCIETIES:

- 1) Life Member ISTE [LM 50175]
- 2) Senior Member IIIIE [SMIIIIE 10902(51)]

ANY OTHER RELEVANT INFORMATION

D) FDPs Attended

Course Name	Conducted by	Sponsoring Agency	Period		Duration
			From	To	
STTP on “Outcome Based Education with Assessment and Evaluation”	SAHRDAYA CET, Thrissur	AICTE	09-11-2020	16-09-2020	8 days
STTP on “Effective Engineering Teaching Practice”	PPSIT Vijayawada & NITTTR Chennai	AICTE	23-11-2020	28-11-2020	6 days
FDP on “Effective Engineering Teaching Practice”	NPTEL-AICTE	AICTE	January 2021	February 2021	3 days
Online Training Program on “Outcome Based Education and NBA Accreditation”	LBSITW Poojappura	TEQIP-II	04-01-2021	18-01-2021	15 days
FDP on “Block Chain Technologies and Application”	LBSITW Poojappura	APJ Abdul Kalam Technological University	29-08-2022	31-08-2022	3 days

- II) KTU Approved Research Supervisor since September 2023
- III) Received Good Service Entry Service from the Director, LBS Centre for Science & Tech, 2023
- IV) Received appreciation award from the Kerala Technological university for setting B.Tech S7&S8 2019 scheme Industrial Engineering scheme syllabus
- V) KTU BoS member for Industrial Engineering Stream (2021-2023)
- VI) KTU BoS member for Industrial Engineering Stream (2021-2023)

- VII) KTU external auditor since 2022
- VIII) KTU examinations Vigilance squad member 2022-2023
- IX) KTU Question Paper setter
- X) KTU Question Paper Scrutiny member
- XI) KTU M.Tech Thesis (Industrial Engineering and Financial Engineering stream)
evaluator at College of Engineering Trivandrum since 2021