




**COLLEGE OF ENGINEERING ADOOR
FACULTY PROFILE**

1. Personal Details

Name: Dr. Suresh Kumar.N	
Designation: Associate Professor	
Department : Mechanical Engineering	
Ph: +919497229523	
Email id: sureshkalanjur@cea.ac.in	

Residential Address	Pragati, Konnamankara, Adoor (P.O), Pathanamthitta Dist, Kerala 691523
Date of Birth	28/05/1969 (Twenty eight May Nineteen Sixty Nine)

2. Areas of Interest

Flexible Manufacturing Systems, Financial Management, Engineering Drawing

3. Courses Handled

UG	
Engineering Graphics	
Management for Engineers	
Principles of Management	
Design Engineering	
Business Economics	
Operations Research	
Reliability & Quality Engineering	

4. Academic Details (In Reverse Chronological Order)

Degree	Specialization	Name of the Institute/ University	Month and Year of Passing
Ph. D	Flexible Manufacturing Systems	NIT CALICUT	March 2010
M Tech	Industrial Engineering	NIT CALICUT	May 2001
B Tech	Mechanical Engineering	University of Kerala	August 1991



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5. Experience (In Reverse Chronological Order)

Name of the Institution	Post Held	From	To
College of Engineering, Adoor	Professor(NC)	04-10-2021	Till date
College of Engineering, Kallooppara	Professor(NC)	10-07-17	03-10-21
College of Engineering, Chengannur	Professor(NC)	05-10-2016	09-07-2017
College of Engineering, Kottarakkara	Professor(NC)	03-02-2016	04-10-2016
College of Engineering, Chengannur	Professor(NC)	21-07-2010	03-02-2016
College of Engineering, Chengannur	Associate Professor	18-06-2010	20-07-2010
College of Engineering, Adoor	Associate Professor	21-07-2007	07-06-2010
College of Engineering, Adoor	Assistant Professor	01-01-2006	20-07-2007
College of Engineering, Adoor	Lecturer	03-07-1999	31-12-2005
College of Engineering, Chengannur	Lecturer	24-06-1997	02-07-1999
Model Engineering College	Lecturer	18-04-1996	23-06-1997

6. Research Publications (Journals)

International Journals	
1.	Suresh Kumar, N., and Sridharan, R., 2007, "Simulation Modelling and Analysis of Tool Sharing and Part Scheduling Decisions in Single Stage Multi Machine Flexible Manufacturing Systems," Robotics and Computer Integrated Manufacturing, Vol.23, No.4, pp.361-370.
2.	Suresh Kumar, N. and Sridharan, R., 2009, "Simulation Modelling and Analysis of Part and Tool Flow Control Decisions in a Flexible Manufacturing System," Robotics and Computer Integrated Manufacturing, Vol.25, Nos.4-5, pp.829-838
3.	Suresh Kumar, N. and Sridharan, R., "Modelling and Analysis of Part and Tool Allocation Decisions in a Flexible Manufacturing System under Dynamic Tool Sharing," International Journal of Industrial and Systems Engineering. Vol.5, No.6, 2010.



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4.	Suresh Kumar, N., and Sridharan, R., “Simulation of Part and Tool Flow in a Flexible Manufacturing System Operating under Part and Tool Movement Policies,” AMSE Journal - Modelling, Measurement and Control, Series: DProduction Engineering and Management. Vol.30, No.2, 2010, pp.78-88.
5.	Suresh Kumar, N. and Sridharan, R., “Simulation-Based Metamodels for the Analysis of Scheduling Decisions in a Flexible Manufacturing System Operating in a Tool Sharing Environment,” International Journal of Advanced Manufacturing Technology, (2010) 51:341-355 (DOI:10.1007/S00170-010-2603-9).
6	Suresh Kumar, N. and Sridharan, R., “Modelling and Analysis of Part and Tool Allocation Decisions in a Flexible Manufacturing System under Dynamic Tool Sharing,” International Journal of Industrial and Systems Engineering. Vol.9, No.6, 2011.

International Conferences

1	Suresh Kumar, N. and Sridharan, R., “Analysis of Tool Sharing in a Flexible Manufacturing System – A Simulation Study”, Proceedings of the International Conference on Emerging and Adaptive Systems and Technologies, Noorul Islam College of Engineering, Kumaracoil, Tamil Nadu, December 16-17, 2005, pp. 923-942.
2	Suresh Kumar. N, and Sridharan, R., “Performance of a Flexible Manufacturing System Operating Under Part Movement Policy and Tool Movement Policy: Simulation Modelling and Analysis,” Proceedings of the IEEE International Conference on Industrial Engineering and Engineering Management, Singapore, December 8-11, 2008, pp. 1754-1758
3	Suresh Kumar. N, and Sridharan, R., “Tool Allocation and Scheduling Problems in Flexible Manufacturing Systems Operating Under Tool Movement Policy: A Review,” Proceedings of the International Conference on Latest trends in Simulation Modelling and Analysis, National Institute of Technology Calicut, Kerala, December 17-19, 2009, pp.58-63.

7. Membership in Professional Bodies

1.	Life Member , Indian Society for Technical Education (LM: 28163)
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8. FDP/ Conference/ Seminars/Workshops Attended

1.	Counseling and Motivation Techniques conducted by College of Engineering, Thiruvananthapuram during January 17-31,2000
2.	Fatigue and Fracture related Life Prediction Techniques conducted by IIT ,Madras during November 27-December 1,2000
3.	Internet & E-Commerce conducted by College of Engineering, Chengannur during 18-30 th December, 2000



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4.	Induction Programme for Engineering Teachers conducted by NIT Calicut during 14 February-06 March, 2001
5.	Ergonomics in Design conducted by TKM College of Engineering, Kollam during 6-19 th October, 2003
6.	Engineering Applications of Design of Experiments and Taguchi Methods conducted by NIT Calicut during November 24 -December 06,2003
7.	Advances in Space Cryogenics conducted by TKM College of Engineering, Kollam during
8.	National workshop on Advanced Nano-scale Device Design using TCAD conducted by College of Engineering, Chengannur during
9.	Computational Fluid Dynamics conducted by College of Engineering, Adoor during
10.	Internet of Things conducted by College of Engineering, Kalliooppara during
11.	Data Science using Python conducted by College of Engineering, Vadakara during
12.	Big Data in IOT conducted by College of Engineering, Karunagappally during
13.	Professional Ethics in the current Pandemic scenario conducted by College of Engineering, Perumon during
13.	Outcome Based Education conducted by College of Engineering, Adoor during

9. Academic Responsibilities Undertaken

1.	Staff-in-charge, Exam Cell during 1996-97
2.	Staff Advisor during 1998-2000, 1996-2000 batch Mechanical Engineering Branch
3.	Faculty in Charge of College Bus during 2011-14
4.	Faculty in Charge of Mechanical Workshop 2020-21
5.	In charge of Head of the Department during 2002 – 2016 and 2017 – 2023
6.	Observer, APJ Abdul Kalam Technological University
7.	Member, Doctoral Committee , APJ Abdul Kalam Technological University

10. Non-Academic Responsibilities Undertaken

1.	Convener Admission Committee 2011 – 2016 & 2018-2021