

SUNEESH S. S.
ASSOCIATE PROFESSOR



Contact Information

Official Address : Room No 205, Main Block
Email : sssuneesh@gmail.com
Phone : +91 9495902548

Professional Qualifications

B-Tech	Specialization	Mechanical Engineering
	Institute/ University	College of Engineering, Trivandrum/ University of Kerala
	Year	1997
M-Tech	Specialization	Turbomachines
	Institute/ University	Indian Institute of Technology, Madras
	Year	2002
PhD	Specialization	Flow Control
	Institute/ University	Indian Institute of Science
	Year	2017

Area/Research Interests

- Flow Control, Biofluid Mechanics

Professional Experience

- August 1998- March 2003 Lecturer College of Engg, Trivandrum
- March 2003 - December 2005 Assistant Professor Govt. Engg College, Barton Hill
- January 2006 - till date Associate Professor Govt. Engg College, Barton Hill

Responsibilities/Position (Department, College and University)

- Deputy Chairman Board of Examiners Kerala University (S5 & S6)
- Chairman Board of Examiners Kerala Technological University (S1 & S2)
- Nodal Officer, Finance TEQIP II
- Coordinator, IQAC

Publications (Journals/ International Conferences)

1. S. S. Suneesh, B. V. S. S. S. Prasad and N. Sitaram, "Computational Investigation of Stator/Rotor interaction in a Transonic Axial Flow Compressor using FLUENT", *Proceedings of the 4th International Conference on Pumps and Fans (4th ICPF)*, August 26-29, 2002, Beijing, China.
2. Suneesh S.S, Prasad B.V.S.S.S and Sitaram.N, "Effect of Axial Spacing on the Rotor/ Stator Interaction in an Axial Compressor", *Proc. of the 6th annual CFD Symposium*, August 11 to 13, 2003, Bangalore, India.
3. Suneesh S.S, Prasad B.V.S.S.S and Sitaram.N, "Unsteady Aerodynamics Analysis of a Transonic Compressor Stage: Effect of Blade Pitch ratio and Rotor Speed", *Proc. of the 30th National Conference on Fluid Mechanics and Fluid Power*, pp. 629-636, December 11-13,2003, Surathkal, India.
4. Suneesh S. S., Munikrishna N. and Balakrishnan N., Numerical Simulation of Vortex Shedding Using an Implicit Dual Time Method, *8th Annual CFD Symposium 11to 13th August, 2005, Bangalore*
5. Shukla, K N, Pradeep, A, Suneesh, S S, Performance Analysis of Silica-Tiles as a Thermal Protection System, 9th AIAA/ASME Joint Thermophysics and Heat Transfer Conference; San Francisco, CA; USA; 5-8 June 2006.
6. K. N. Shukla, A. Pradeep and S. S. Suneesh, Thermal performance analysis of silica tiles, *Journal of Engineering Physics and Thermophysics* Volume 79, Number 6, 1157-1163 (2006)
7. Anand Michael Vijay and Suneesh S. S., Active Aerodynamic Shape Optimisation of Spoilers in a Sedan, *Fourth National Conference on Emerging Technologies, September 2015 (NCET 2015)* Thiruvananthapuram, India.
8. Aneesh D. S., Ronith Stanly, Bibin Sagaram S., Suneesh S. S., Numerical Analysis of Magnus Wind Turbine, *7th International Conference on Mechanical and Aerospace Engineering*, July 2016, London, UK

9. Ronith Stanly, S. Bibin Sagaram, S.S. Suneesh and S.V. Santhosh Kumar., Effect of Passive Flow Controlling Dimples on Drag Reduction and Improved Fuel Efficiency, *20th Australasian Fluid Mechanics Conference*, December 2016, Perth, Australia
10. Anandu S.B., Anandu S. Kumar, Swaroop George, Surya Sagar P.S. and Suneesh S.S., Computational Analysis of Flow Inside a Cross Flow Turbine With and Without Guide Blades, *International Conference on Information Systems, Energy, Environment and Safety (ISEES 2016)*, September 2016, Thiruvananthapuram, India
11. Shilpa Ajith and Suneesh S. S., Fluid-Structure Interaction of Abdominal Aortic Aneurysm *Fifth National Conference on Emerging Technologies, August 2016 (NCET 2016)* Thiruvananthapuram, India.

FDPs and Workshops attended

Topic	Period	Institution
Outcome Based Education	26 th to 28 th March 2018	IISc
Open Source Tools for Research OSTR 18	7 th to 9 th February 2018	GEC, Barton Hill
Multi Body Dynamics	18 th to 22 nd December 2017	GEC, Barton Hill
Special Topics in Fluid Dynamics	9 th to 14 th October 2017	IIT Madras
Student Evaluation and question paper setting	13 th to 15 th February 2017	NITTTR Chennai/KTU
Quality Initiatives in Technical & Higher Educational Institutions	6 th to 8 th December 2016	ESCI, Hyderabad
Experimental Stress Analysis	19 th to 23 rd July 2016	GEC, Barton Hill
Modern Trends in Electronic Waste Management	11 th to 13 th July 2016	GEC, Barton Hill
Ceramics, Nano and Carbon-Carbon Composites	10 th to 12 th December 2015	GEC, Barton Hill
Robotics and Embedded Systems	30 th November to 5 th December 2015	GEC, Barton Hill
Innovative Techniques and practices in building technology	12 th to 17 th April 2013	GEC, Barton Hill
Workshop of Research Methodology	4 th to 5 th December 2012	GEC, Barton Hill
National Workshop on Scientific Computing	30 th to 31 st January 2009	IIITM-K
Smart Materials-Opportunities and Challenges	12 th to 23 rd January 2009	GEC, Barton Hill
Advanced Computational Techniques in Flow and Heat Transfer	17 th to 28 th December 2002	IIT Kanpur
Computations in Engineering	11 th to 15 th November 2002	IISc

Introduction to Artificial Neural Networks and Engineering Applications	29 th July to 2 nd August 2002	IISc
Low Polluting Fuels for Automobiles	10 th to 21 st June 2002	Annamalai University
Performance Appraisal and Development Systems	2 nd to 13 th July 2001	IIT Madras
Computations of Internal Flows	11 th to 16 th June 2001	IIT Madras
TQM & ISO 9000	1 st to 14 th May 2000	REC, Calicut
AS/400-System Administration and Implementation	24 th January to 5 th February 2000	CET
Computer Aided Drafting & 3D Parametric Modelling	24 th to 29 th May 1999	CET
Instructional Skills	23 rd November to 4 th December 1998	CET