

CURRICULUM VITAE

Personal data

Dr. Deepak Narayanan, Assistant Professor,
Mechanical Engineering Department, Phone
Number- +91 9746760017,
deepak.narayanan@ahalia.ac.in



Education

Doctorate Degree

National Institute of Technology Karnataka 2023

PG degree

Kannur University 2014

UG degree

Kannur University 2012

Research focuses/Title of dissertation:- Aerodynamics (Compressor, Turbine blades), Computational Fluid Dynamics, Wet Compression and Thermal and Fluid Engineering Problems

Teaching

Since Dec 2025	Assistant Professor, Mechanical Engineering Department Ahalia School of Engineering &Technology, Palakkad
Dec 2022-June 2024	Assistant Professor, Mechanical Department, Eranad Knowledge City Technical Campus, Manjeri, Malappuram ,Kerala
June 2014-July 2015	Assistant Professor, Mechanical Department, Malabar Institute of Technology, Kannur, Kerala

Recent Journal Publications

1. Effect of boundary layer suction control on the corner separation of linear compressor cascade in a droplet-laden flow (In Journal of Turbo machinery, (Under Revision)
2. Narayanan, Deepak, S. Anand, and S. Anish. "Investigation of Water Rivulets Formation on the Pressure Side of a Linear Compressor Cascade Under Wet Compression." Journal of The Institution of Engineers (India): Series C 105, no. 4 (2024): 877-890.
3. Narayanan, D. & Anand, S. & Anish, S. (2020). Numerical Investigation on the Effect of Dry and Wet Compression on a Linear Low Speed Compressor Cascade. Journal of Applied Fluid Mechanics. 13. 67-77.10.29252/jafm.13.01.30026.
4. Narayanan, D., S. Anand, and S. Anish. Aerodynamic behaviour of a linear subsonic compressor cascade in a droplet laden flow. International Conference on Computational Methods for Thermal Problems, 2018, Vol., 223309, pp.246- 250 2018

5. Kiran. K. N, Sushanlal Babu, Deepak Narayanan, Anish S, Reduction of Secondary Flow Losses in a Linear Turbine Cascade by Variable End Wall Contouring- A CFD Study, ACGT2016-112, Proceedings of the Asian Congress on Gas Turbines, 14-16 November 2016, Indian Institute of Technology Bombay, India.
-

Resource person:

Paper presentation: International-**4**, National-**0**

Guest lecture delivered: **3**