



### Faculty Profile

Name : Dr.Sudharson Murugan  
Designation : Associate Professor  
Date of Joining : Mar 2024  
Mobile No : 9790551772  
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#### Educational Qualifications:

Degree	Year of Graduation	University	Grade
Ph.D in Mechanical Engineering	2020	National University of Science and Technology, Taipei, Taiwan	3.77 & First Class with Distinction
M.E in Thermal Engineering	2013	Anna University, Chennai	8.5, First Class with Distinction
B.E in Aeronautical Engineering	2010	Anna University, Chennai	7.2, First Class

#### Area of Specialization:

1. Experimental Fluid Mechanics
2. Flow Control Techniques
3. Vortex dynamics and Interactions
4. Turbulence and Boundary layer Interaction

#### Professional Experience:

Teaching : 5 Years

Industry: 0 Year

Research: 7 Years

Total: 12 Years

#### Research and Development:

Patents/IPRs	Published: NIL	Granted: NIL	Commercialized: NIL
Journal Papers	WoS: 06	Scopus:06	Others: 04
Conference Papers	International:06	National:02	Others: NIL
Consultancy in INR	NIL		



### Professional Development:

STTPs: NIL	FDPs: NIL	Seminars: NIL
Workshops: NIL	NPTEL Courses: 01	Other MOOC Courses: NIL

### Professional Memberships :

Indian Society for Technical Education	Life Member	-
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### Students Supervised/Guided:

UG : 12

PG: 0

Ph.D: NIL

Total: 12

### Collaboration with Industry:

NIL

### Special Achievements:

1. CTCI 2020 Research Scholarship award December 2020: I have been honored with Taiwan's most prestigious award, a prize of NTD \$150,000, in recognition of exceptional research achievements in the field of Mechanical Engineering, competing with fellow researchers from science and technology departments across the nation.
2. Mathematics - Top scorer award August 2004: Honored for achieving a 100% marks in Mathematics at the state-level examination.
3. Academic Excellence Scholarship: Received recognition for exceptional contributions to academic research at the NTUST-TSFML Laboratory in Taiwan.
4. Received a fully funded scholarship in recognition of consistently maintaining a strong academic track record.
5. Keynote speaker addressing on the topic "Flow characteristics studies using optical measurement techniques" in Third forum of the Chinese Society of Visualization Science and Art Nov 21, 2019
6. Reviewer of 5 journals