

Faculty Profile

1. Name : Muthukumar. S
2. Designation : Assistant Professor
3. Date of Joining : 04.07.2006
4. Nature of Association : Regular
5. E mail :
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6. Mobile no. : +91 9788285608



7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
M.Phil. (Mathematics)	Jamal Mohammed College, Trichy, / Bahrathidasan University	September 2006	D++	First with Distnction
M.Sc. (Mathematics)	Muthayammal College of Arts and Science, Rasipuram / Periyar University, Salem	April 2005	72.15	First
B.Sc. (Mathematics)	Arignar Anna Government Arts College, Namakkal / Periyar University, Salem	May 2003	70.3	First
H.S.C.	Govt. Hr. Sec. School, Kozhikkalnatham, Tiruchengode, Namakkal, India	April 2000	76	First
S.S.L.C.	Govt. Hr. Sec. School, Kozhikkalnatham, Tiruchengode, Namakkal, India	May 1998	82	First

8. Teaching Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.07.2010 to till date.
- **Lecturer**, K.S. Rangasamy College of Technology, Tiruchengode, from 04.07.2006 to 30.06.2010.

9. Projects

Under Graduate

- **Title:** -

Post Graduate

- **Title:** “Thermal Stresses on Dry Friction by using Finite Element Method”

M.Phil

- **Thesis title:** "Finite Element Analysis of Magneto-Electro-Elastic Structures under Thermo-Mechanical and Magnetic Environments"

10. Publications

International Journals

1. **S. Muthukumar**, S. Sureshkumar, Ali J. Chamkha, M. Muthamilselvan, and Eswari Prem., Combined MHD convection and thermal radiation of nanofluid in a lid-driven porous enclosure with irregular thermal source on vertical sidewalls, *Journal of Thermal Analysis and Calorimetry*, (2019): 1-14., ISSN: 1388-6150, <https://doi.org/10.1007/s10973-019-08204-w>, (SCI Publisher: Springer). **Impact Factor:** 2.4
2. S. Sureshkumar, **S. Muthukumar**, Deog Hee Doh, and Eswari Prem., "Effects of magnetic field inclination on tilted square cavity filled with a nanofluid saturated porous medium." *International Journal of Ambient Energy* (2018): 1-13, ISSN: 0143-0750, <https://doi.org/10.1080/01430750.2018.1537935>, (ESCI, Publisher: Taylor & Francis).

International Conferences

1. S. Muthukumar, S. Sureshkumar, T.Kannan and Eswari Prem., Combined convective heat transfer in a lid-driven rectangular porous enclosure filled with nanofluid, International Conference on Discrete Mathematics and Data Sciences (ICDMDS'18), Sastra Deemed University, Thanjavur.
2. S. Muthukumar, S. Sureshkumar, Deog Hee Doh, and Eswari Prem., Impact of inclined magnetic field and aspect ratio on combined convective heat transfer of nanofluid in a lid-driven porous cavity, International Conference on Applications of Fluid Dynamics (ICAFD), Vellore Institute of Technology, Vellore.

11. Fellowships

1. ---.

12. Summer Training Programmes

1. Participated in a one week FDP on Instructional Design and Delivery at K.S.R. College of Engineering from 19.06.2006 to 24.06.2006.
2. Attended a two days CSIR sponsored workshop on Theoretical and Computational Fluid Dynamics at Erode Sengunthar Engineering College from 21.12.2018 to 22.12.2018.

13. Funds Received to Organize the Seminar

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14. **Invited Lecture Delivered**

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15. **Membership in Professional Bodies**

- **Life Member**, Indian Society of Technical Education (ISTE) – LM 54112.

16. **Awards and Recognitions**

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17. **Resrach Activities**

- **Area of Expertise/Research Interests**
 - Computational fluid dynamics

18. **Abroad Visit**

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19. **Personal Details**

Fathers Name : C.Subramaniyan
Date of Birth & Age : 05.06.1983 & 35 Years
Gender : Male
Marital Status : Married
Permanent Address : 7/52, Panduthakarankadu,
Kasthuripatti (PO),
Sankari (Tk), Salem -637302.