




Bharathiar University

State University | "A⁺⁺" Grade by NAAC | 46th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr S SARAVANAN FNASC Professor Department of Mathematics Bharathiar University E-mail: sshravan@buc.edu.in Phone: 4222428411 Office Number: 0422-2428411	
Research Area <ul style="list-style-type: none">• Mathematical Modelling• Differential Equations• Fluid Dynamics	Courses Teaching <ul style="list-style-type: none">• Real Analysis• Measure Theory• Complex Analysis• Ordinary Differential Equations• Partial Differential Equations• Distribution Theory• Mathematical Methods• Mechanics• Fluid Dynamics• Numerical Methods• Computer Programming (ForTran, C & C++)• Applied Mathematics (I & II)
Research Experience:	Teaching Experience:
Research Credentials (as on – Source: Google scholar) H-index: 1121 Citations: 19 i10-index: 33	
Publications International Journals: 10	
Career At Bharathiar University <ol style="list-style-type: none">1. Designation : Professor and Head Period : July 2016 - Till Date2. Designation : Professor Period : February 2015 - Till Date3. Designation : Reader Period : February 2009 - January 20154. Designation : Lecturer Period : August 2001 - May 20025. Designation : Lecturer Period : April 2005 - January 2009	
Education Ph. D. Subject : Mathematics Institution : Bharathiar University Affiliated University : Bharathiar University Year of Award : March 2002	



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Dr S SARAVANAN FNASC , Professor , Department of Mathematics

M. Phil.

Subject : Mathematics

Institution : Bharathiar University

Affiliated University : Bharathiar University

Year of Award : October 1998

M. Sc.

Subject : Mathematics

Institution : Sri Ramakrishna Mission Vidyalaya College of Arts and Science

Affiliated University : Bharathiar University

Year of Award : May 1996

B. Sc.

Subject : Mathematics

Institution : Sri Ramakrishna Mission Vidyalaya Arts College (Autonomous)

Affiliated University : Bharathiar University

Year of Award : May 1994

Projects

Research Guidance

National Level Institutional Responsibilities
Ongoing - 1, completed -
Head - Dept. of Mathematics

Period :Jul 2016 to Till date

Nature of Responsibility :

Chairman - BoS in Mathematics (PG)

Period :Feb 2017 to Till date

Nature of Responsibility :

Coordinator - UGC SAP DRS (Phase III)

Period :Feb 2017 - Mar 2021

Nature of Responsibility :

Coordinator - DST FIST (Level 2)

Period :Dec 2022 to Till date

Nature of Responsibility :

Selected Publications

1. Onset of thermal turbulence in Cattaneo-type convection inside a heater mounted enclosure

Phys. Fluids, 37, 074190 (January 2025)

with R Muthumeena

2. Thermovibrational convection in a nanofluid saturated porous medium

Eur. J. Mech. - B/Fluids, 90, 64-72 (January 2021)

with M Kousalya