




Bharathiar University

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

Dr G SHANMUGAVELAYUTHAM Associate Professor Department of Physics Bharathiar University Coimbatore, 641048 Tamil Nadu E-mail: sgsvelu@buc.edu.in Phone: 9551282965 Office Number: 0422 2428541	
Research Area <ul style="list-style-type: none">• DC Plasma Spray TBC Coatings• Low-Temperature Plasma• Surface Modification, coatings	Courses Teaching <ul style="list-style-type: none">• Electromagnetic Theory• Advanced Physics• Atomic Physics & Molecular Spectroscopy• Plasma Physics
Research Experience: 25	Teaching Experience: 15
Research Credentials (as on August 2025 – Source: Google scholar) H-index: 886 Citations: 20 i10-index: 32	
Publications International Journals: 68 Books/Chapters: 1 Conferences: 6	
Career Other Institutes 1. Designation : Assistant Professor Institution Name : PSG Institute of Advanced Studies (PSGIAS), Coimbatore India Period : August 2010 - February 2011 At Bharathiar University 1. Designation : Associate Professor Period : March 2011 - Till Date	
Education Ph. D. Subject : Physics Institution : Bharathiar University Affiliated University : Bharathiar University Year of Award : November 2005 M. Sc. Subject : Physics Institution : P.S.G.College of Arts and Science Affiliated University : Bharathiar University Year of Award : November 1998 B. Sc. Subject : Physics Institution : P.S.G.College of Arts and Science Affiliated University : Bharathiar University Year of Award : June 1996	



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Dr G SHANMUGAVELAYUTHAM , Associate Professor , Department of Physics

Projects

National Level

Ongoing - completed - 4

Research Guidance

Completed

Ph.D. - 8 M.Phil. - 15 PG - 34

On Going

Ph.D. - 6 PG - 2

Programs organized

1. Co-ordinator of "A scientific Outreach Activity of THE FOURTH STATE PLASMA EXHIBITION" in the state of Tamilnadu, 10 – 14 July 2023 at Bharathiar Univesity. Coimbatore, Tamilnadu, India (2023-07-14 - 2023-07-10)
2. Secretary of National Conference on Recent Developments and Evolving Trends in Plasma Science and Technology & Pre-Conference Workshop on Modelling and Simulation of Industrial Plasmas, 22-24 September 2022 organized by Department of Physics, Bharathiar University and Beam Technology Development Group, Bhabha Atomic Research Centre, Mumbai. (2022-09-24 - 2022-09-22)
3. Organizing Secretary of DST –PURSE Sponsored National Conference on Advanced Materials for Energy Applications (NCAMEA-2020), 5-6 March 2020, Department of Physics, Coimbatore-641 046. (2020-03-06 - 2020-03-05)
4. Served as Course Co-Ordinator for the UGC- Sponsored Refresher Course in Physics conducted by UGC- Human Resource Development Centre, Bharathiar University, Coimbatore - 641 046 from 22.01.2020 to 04.02.2020. (2020-02-04 - 2020-01-22)
5. Convener of 31st National Symposium on Plasma Science & Technology (PLASMA- 2016), Dec 6-9, 2016, Department of Physics, Bharathiar University, Coimbatore - 641 046. (2016-12-09 - 2016-12-06)
6. Convener of Workshop on Atmospheric Plasma Processing (WAPP-2012), 31st Oct 2012-3rd Nov 2012, Department of Physics, Bharathiar University, Coimbatore - 641 046. (2012-11-03 - 2012-10-31)

Collaborations

1. Prof. Akira Kobayashi, Professor, Department Physics, Faculty of Science, Chulalongkorn University Phayathai Road, Pathumwan, Bangkok -10330 Thailand. -)
2. Shrikant Joshi, Professor, Production Technologies Center, Department of Engineering Science University WestGustava Melins Gata 246186 Trollhattan, SWEDEN. -)
3. Prof. Yasutaka Ando, Professor, Division of Renewable Energy and Environment, Ashikaga Institute of Technology, 268-1 Omae, Ashikaga Tochigi, 326-8558, JAPAN. -)
4. Dr. Bingang Guo, Chief Scientist, CREVIA Tower Kobe Harborland 201 Hyogo-ken, Kobe-shi Chuo-ku, Higashikawasakichome 5-8650-0044, Japan. -)
5. Prof. Jialiang Zhang, Professor, Plasma Physics 4th Building, the Key Lab for Material Modification Dalian University of Technology, Dalian, 116024, China. -)
6. Dr.C.Balasubramian, Scientist – SDFacilitation Centre for Industrial Plasma Technologies (FCIPT) Institute for Plasma Research, Gandhinagar, INDIA. -)
7. Dr.G.Sivakumar, Centre for Engineered Coatings, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad 500005, Telangana, India. -)

