




Bharathiar University

State University | "A++" Grade by NAAC | 26th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

<p>Dr M. BALASUBRAMANIAM</p> <p>Professor Department of Physics</p> <p>Bharathiar University Coimbatore, 641041 Tamil Nadu, India</p> <p>E-mail: m.balou@buc.edu.in Phone: 9487021118 Office Number: 0422-2428446</p>	
<p>Research Area</p> <ul style="list-style-type: none"> • Superheavy Elements • Ternary Fission Studies • Exotic Decay Studies • Low energy nuclear reaction • Machine learning in Nuclear data Physics • Machine Learning in Nuclear Physics 	<p>Courses Teaching</p> <ul style="list-style-type: none"> • Nuclear and Particle Physics • Computational methods and Programming - Theory Course • Classical Mechanics • Research Methodology • Computational methods and Programming - Lab Course (FORTRAN) • Nuclear data for science & technology
<p>Research Experience: 25</p>	<p>Teaching Experience: 20</p>
<p>Research Credentials (as on March 2025 – Source: Google scholar)</p> <p>H-index: 24 Citations: 2159 i10-index: 41</p>	
<p>Publications</p> <p>Books/Chapters: 1 National Journals: 1 Publication Database: 2</p> <p>International Journals: 47</p>	
<p>Education</p> <p>Ph. D. Subject : Physics Institution : University Department Affiliated University : Manonmaniam Sundaranar University Year of Award : December 2021</p> <p>PGDCA Subject : Computer Application Institution : University Department Affiliated University : Manonmaniam Sundaranar University Year of Award : March 1997</p> <p>M. Sc. Subject : Physics Institution : University Department Affiliated University : Manonmaniam Sundaranar University Year of Award : April 1996</p> <p>B. Sc. Subject : Physics Institution : Arumugam Pillai Seethai Ammal College Affiliated University : Madurai Kamaraj University Year of Award : April 1994</p>	



Bharathiar University

State University I "A⁺⁺" Grade by NAAC I 26th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr M. BALASUBRAMANIAM , Professor , Department of Physics

Projects National Level Ongoing - completed - 4	Research Guidance Completed Ph.D. - 6 M.Phil. - 18
Institutional Responsibilities Deputy Coordinator - DST-PURSE (Phase - II) Period :Jan 2016 - Jan 2016 Nature of Responsibility :PURSE Grant Management	
Programs organized 1. Organized National level SERC School on "Nuclear physics from new perspectives" as Director of the School. - 23 Institutions with 47 participants and 15 experts (2017-02-07 - 2017-02-27) 2. Reviewer / Referee in International Journals -) 3. Reviewer / Referee in International Journals -) 4. Reviewer / Referee in International Journals -) 5. Reviewer / Referee in International Journals -) Collaborations 1. Invited Talk entitled "Mirror nuclei of 1n/2n halo systems as 1p/2p emitter Recent results supporting CCT" in the workshop "New trends in nuclear reactions and structure studies – NTNRS-19" (2019-12-06 - 2019-12-07) Visits 1. Volkswagen research fellowship (in a VW project between Giessen University, Germany and Panjab University, Chandigarh, India) at Institut fur Theoretische Physik – II, Justus Liebig Universitat, Giessen, Germany (2000-06-01 - 2000-07-05) 2. Visiting Researcher at Frankfurt Institute of Advanced Studies (FIAS), Frankfurt, Germany (2009-06-01 - 2009-06-30) 3. Volkswagen research fellowship (in a VW project between Giessen University, Germany and Panjab University, Chandigarh, India) at Institut fur Theoretische Physik – II, Justus Liebig Universitat, Giessen, Germany (2001-10-01 - 2001-11-07) 4. Volkswagen research fellowship (in a VW project between Giessen University, Germany and Panjab University, Chandigarh, India) at Institut fur Theoretische Physik – II, Justus Liebig Universitat, Giessen, Germany (2002-03-30 - 2002-02-01) 5. Volkswagen research fellowship (in a VW project between Giessen University, Germany and Panjab University, Chandigarh, India) at Institut fur Theoretische Physik – II, Justus Liebig Universitat, Giessen, Germany (2002-09-30 - 2002-08-12)	
Selected Publications 1. Heavy-ion emission in spontaneous decays of 249,252Cf nuclei Phys. Rev. C 60, 064316 (1999) (November 1999) M. Balasubramaniam and R.K. Gupta,	

