

# Government College Madappally

## Faculty Profile

Name of Faculty	Dr. Suneera T P		
Department	Physics		
Designation	Head and assistant professor		
Email ID	sujansuneera@gmail.com		
Teaching Experience(Yrs)			
Field of Research(if any)	Nonlinear dynamics		
Research Activities	Guide		
Major and Minor projects undertaken	Nil		
List of publications	<p>1. T. P. Suneera, P. A. Subha, Single-hump and double-hump solitons in a parity-time symmetric complex potential. <i>Waves in Random and Complex Media</i>, 2016, 5, 241 – 254, (I.F : 1.45, ISSN : 1745 – 5030).</p> <p>2. T.P. Suneera, P.A. Subha, Higher eigenmodes of matter wave solitons in parity-time symmetric complex potential. <i>Perspectives in Science</i>, Elsevier 2016, 8, 482 – 484, (ISSN : 2213 – 0209).</p> <p>3. T. P. Suneera, P. A. Subha, Higher eigenmodes of nonlocal gap solitons in parity-time symmetric complex potential with a defocusing nonlinearity. <i>Chaos, Solitons, and Fractals</i>, 2017, 98, 183 – 188, (I.F : 1.45, ISSN : 0960 – 0779)</p> <p>4. T. P. Suneera, P. A. Subha, Parity-time symmetric coupler in transverse periodic and aperiodic potentials. <i>The European Physical Journal Plus</i>, 2018, 133, 84, (I.F : 1.75, ISSN : 2190 – 5444).</p> <p>5. T. P. Suneera, P. A. Subha, Nonlocal gap solitons in parity-time symmetric coupler with transverse real potential. <i>Journal of Optics</i>, 2018, 20, 095504, (I.F : 2.323, ISSN : 2040 – 8986).</p> <p>6. T. P. Suneera, P. A. Subha, Switching dynamics in parity-time symmetric coupler with nonlocal nonlinearity having transverse potentials. (Communicated to <i>Journal of modern optics</i>.)</p>		
Administrative responsibilities	Head, Member of planning committee, Member of academic monitoring committee, Convener of Grievance and redressal cell, Member of RUSA committee, Convener of UGC committee		
Students related activities	Guide for research for research scholars, BSc, and MSc student projects, Member of board of practical examinations of both UG and PG of university of calicut, Question paper setter, subject expert		
Books published	Nil		
Awards/Honours	nil		
Countries visited	Nil		
Address for correspondence (with pincode)	Assistant professor, Govt. college Quarters, Madappally College (P O) - 673 102		
<b>Academic qualifications</b>			
Name of Degree	Name of Board/University	Year of passing	Subject

Graduation	University of Calicut	2000	Physics
Post graduation	CUSAT	2002	Physics
M.Phil			
Ph.D	University of Calicut	2018	Physics
Others	B.Ed, University of Calicut	2005	Physical sciences