

## Bio Data

### Personal Information

a. Name : P.Hema  
b. Address for Correspondence : W/O. A. Muthukumar,  
10/123A, South Street, Marungoor.  
K.K.District, Pin: 629402,  
Mobile. No: 9363145207.  
c. Date of Birth : 12.06.1987  
d. Sex : Female  
e. Religion : Hindu  
f. Community : BC  
h. Marital Status : Married



### Academic Qualifications

Name of Examination	Name of the School/College/University	Year of Passing	Subject	Class or Average Marks of Grade
SSLC	Govt. Hr. Sec. School, Kumarapuram Thoppur	April 2002	-	89 %
HSC	Govt. Hr. Sec. School, Kumarapuram Thoppur	April 2004	Maths, Biology	80 %
B.Sc.	Women's Christian College, Nagercoil	April 2007	Physics	70 %
M.Sc.	Women's Christian College, Nagercoil	April 2009	Physics	61 %
M.Phil.	Women's Christian College, Nagercoil	April 2010	Physics	73 %
B.Ed.	N.M.S Kamaraj College of Education, Pazhavilai	May 2011	Physical Science	75 %
Ph. D.	Women's Christian College, Nagercoil	May 2025	Physics	A <sup>+</sup>

### Experience

Organization : Lecturer, PSN Institute of Technology,  
Ramanathichanputhoor. (June 2011-May2013).  
Organization : Part-time Lecturer, Government Polytechnic College,  
Konam, (August 2015 – March 2019).  
Organization : Assistant Professor, S.T. Hindu College, Nagercoil.  
(January 2025-Till date).

**Area of Specialization** : Non-Linear Dynamics

**Seminars, Conferences, Symposium, Workshop:**

1. Presented & Participated in National Seminar on Physics - 2020 organized by Department of Physics and Research Centre, Women's Christian College, Nagercoil held on 20-02-2020.
2. Presented & Participated in International Conference on Eco-Psychology: A Silver line for sustainable development held at Sree Ayyappa College for Women, Chunkankadai, Nagercoil on 14.10.2022 to 15.10.2022.
3. Presented & Participated in National Conference on "Multidisciplinary Research and Innovation" held at Arunachala College of Engineering for Women, Vellichanthai on 10.03.2023.
4. Presented & Participated in National Seminar on "National Seminar on Physics (NSP-23)" held at Women's Christian College, Nagercoil on 29.03.2023.
5. Participated in the International conference on "Complexity and Nonlinear Dynamics in STEM (CNLDS 2023)" held at IIT Hyderabad from 05.06.2023 to 07.06.2023.

**List of Publications**

1. P. Hema and M. M. Latha, 2023, 'Quasi discreteness analysis of a two-dimensional ferromagnetic spin System', Chinese Journal of Physics, vol. 82, pp. 75-88.
2. P. Hema M. M. Latha, 2023, 'Quasi discreteness analysis of a 2-dimensional Heisenberg ferromagnetic spin System with biquadratic interactions', Journal of Propulsion Technology, vol. 44, pp. 1001-4055.
3. P. Hema and M. M. Latha, 2024, 'Stability aspects of a perturbed 3-dimensional Heisenberg Ferromagnetic Spin System', Chinese Journal of Physics, vol. 90, pp. 624-642.

**Declaration:**

I hereby declare that the above information is correct and true to the best of my knowledge and belief.



Place: Nagercoil

Date:

(Signature with Name)