

Govindammal Aditanar College for Women, Tiruchendur

Faculty Profile



1. Name : Dr. J. JACQUELINE AMELIA

2. Department : PHYSICS

3. Qualification : M.Sc., M.Phil., Ph.D., PGDCA, B.Ed.,

4. Present Designation : Associate Professor & Head

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6. Email id : ameliya1965@gmail.com

Vidwan id : 593374

Vidwan Link : <https://vidwan.inflibnet.ac.in/profile/593374/NTkzMzc0>

7. Date of joining : 15-06-1994

8. Field of specialization in research : Nonlinear Dynamics

9 . Title of the Thesis : Soliton in Protein Folding –A Unified Model

10. Orientation / FDP programmes / other short-term courses attended:

S. No.	Name of the course	University/ Institute	Duration in days	From - To	Online /offline Program
1	Computer Training Programme on “MS-Office & Internet Concepts”	Department of Computer Science, Govindammal Aditanar College for Women, Tiruchendur	8	01.03.2010 to 08.03.2010	Offline

11. Participation /Presentation in seminar/workshop/symposia/conference:

Sl. No	Level (State/national/international)	Participation /presentation	Title of the paper presented	Title of the seminar / workshop/symposia /conference (Specify online/offline)	Date and Venue
1	University	Participation	-	Seminar – Youth Red Cross	26.10.1994 District Science Centre, Tirunelveli.
2	Regional	Participation	-	Workshop on Microsoft Word	23.09.2000 Dr. Sivanthi Aditanar College of Engineering, Tiruchendur.
3	State Level	Participation	-	Seminar on Non Conventional & Renewable Energy Sources.	08.07.2005 Dakshina Mara Nadar Sangam College. T.Kallikulam.
4	University	Participation	-	Seminar on Energy of the Future.	08.09.2005 TEDA
5	State Level	Participation	-	Seminar on Monte Carlo Techniques.	13.03.2006 K.G.S. College of Arts & Science, Srivaikundam.
6	National	Participation	-	Conference on “Recent & Emerging Developments in Physics”	09.01.2010 Women’s Christian College, Nagercoil.
7	National	Participation	-	Seminar on “Current Developments in Physics”	20.09.2013 Women’s Christian College, Nagercoil.
8	State	Participation	-	Seminar on “Advances in Non Linear Dynamics”.	06.03.2015 & 07.03.2015 St. Xavier’s College (Autonomous), Palayamkottai.

12. Research publications:

Sl.No .	Name of the Journal, Vol. & Issue no., year, pp. no. & ISSN no.	Title of the paper	UGC CARE listed journal (Yes / No)	Author Order
1	International Journal of Advanced Scientific and Technical Research, Issue -4, Volume -4, July-August 2014, Page No:86-95 ISSN 2249-9954.	Solitons in protein Folding - A Unified Model	NO	First
2	International Journal of Advanced Scientific and Technical Research, Issue -4, Volume -6, NOV- DEC 2014, Page No : 480-492 ISSN 2249-9954.	Conformational transition in Protein mediated by 3 coupled fourth order Nonlinear Schrodinger (3-C FONLS) Soliton.	NO	First

13. Book / Chapter Publications:

Sl. No.	Title of the book	Name of the publisher and the year of publication	ISBN No.
1	Recent trends in Physics - Numeric Multisoliton Solution & NLS Equation and their interaction	Department of Physics, Sri Sarada College for Women, Tirunelveli, March 2014.	978-81-926040-2-2

14. Membership in the academic bodies of the University /other institutions:

- Member** - **Board of studies(From 01.04.2024 to 31.03.2027)**
 - **Senate(From 05.03.2020 to 04.03.2023)**

15. Seminars/Workshops / Enrichment programmes organized

Sl.No.	Date	Name of the programme	Level (National/State /University/college	Role
1	24.06.2020 to 27.06.2020	E-Quiz on “Fundamental Physics”	National	Member
2	22.10.2020	E-Quiz on “General Physics”	College	Member
3	22.01.2021	E-Quiz on “Fundamental Physics”	College	Member
4.	24.04.2021 to 26.04.2021	E-Quiz on” Basic Physics for +2 Students”	School	Member
5	16.10.2021	E-Quiz on “Conceptual Physics”	College	Member
6	11.10.2022 to 12.10.2022	“Practical Enrichment Programme” for +2 Students.	School	Member
7	5.10.2023 to 6.10.2023	“Practical Enrichment Programme” for +2 Students.	School	Member
8.	9.10.2024	“Practical Enrichment Programme” for +2 Students.	School	Member

16. Administrative / Other Experience:

- YRC Member in the Year 1994 - 1995
- Handled the Entrance Coaching Class in 1995 for Professional Courses organized by AEI, Tiruchendur.
- Acted as a Jury for State Level Project Expo and Talent Show -2019 at Dr. Sivanthi Aditanar College of Engineering on 04.01.2019
- Attended Senate Meeting on 19.02.2021 at M.S. University, Tirunelveli.
- Attended PG Physics Board of Studies Meeting on 20.06.2024 at M.S. University, Tirunelveli.