



Dr. Mrs. R. Arulmozhi M.Sc., M.Phil., Ph.D

Assistant Professor

Name	Dr. Mrs. R. Arulmozhi
Designation	Assistant Professor
Department	Physics
Qualification	M.Sc., M.Phil., Ph.D
E-mail ID	arulapaphy@gmail.com
Date of joining	02.02.2009
Teaching Experience	14 Years 7 Months
No. of Papers Published (International)	05
No. of Papers Presented (International/ National Conferences)	05
No. of Faculty Development Programme (FDP) Attended	07
No. of Workshops/ Conferences / Webinars Attended	67

Educational Qualification:

S.No	Degree	Subject	Year of completion	Name of the Institution/ University
1.	Ph.D	Physics	2022	Government Arts College, Melur
2	M.Phil	Physics	1998	Alagappa University, Karaikudi
3	M.Sc	Physics	1997	N.M.S.S.V.N College, Madurai
4	B.Sc	Physics	1995	Jayaraj Annapackiyam College for Women, Periyakulam

Professional Experience:

S.No	Designation	Name of the Institution	From	To
1	Lecturer	S.S.Duraisamy Nadar Mariammal College, Kovilpatti. Thuthukudi Dist.	18.01.1999	24.04.2006

International publications

- **R.Arulmozhi**, A.John Peter and Chang Woo Lee, Optical absorption in a CdS/CdSe/CdS asymmetric quantum well, Chem.Phys.Lett. 742 (2020) 137129.
- **R.Arulmozhi** and A.John Peter, Magneto-optical absorption and refraction changes in a group II-VI asymmetric quantum well, Optical and Quantum Electronics, 53 (2021)255.
- **R.Arulmozhi**, A.John Peter, Phonon assisted laser induced third order optical susceptibility for interband transition in a group II-VI asymmetric quantum well, J.Nanophotonics, 15(3) (2021)036008.

- **R.Arulmozhi** and A.John Peter, Phonon assisted pressure dependent opto-electronic properties in a CdS/CdSe/CdS asymmetric quantum well, Phase transition, 94 (2021)1018.
- **R.Arulmozhi** and A.John Peter, Intrawell and interwell phonon-excitons in a CdS/CdSe/CdS asymmetric quantum well, Chem.Phys.Lett.779 (2021)138848.

Positions held:

• Deputy Controller of Examinations.
• Physics Association in charge.
• Staff in - charge of Youth Welfare Association.
• Youth Red Cross District Organizer in Dindigul District.
• Youth Red Cross Programme Officer.
• Red Ribbon Club Programme Officer.
• Internal Examiner for practical and theory papers in semester examinations.
• Question paper setter for various colleges.
• External Examiner for the evaluation of theory papers in end semester examinations of Mother Teresa Women's University.
• External Examiner for the practical examinations in Mother Teresa Women's University Affiliated Colleges.
• Admission Duties in the college.
• Mentor for students' guidance and counseling.

Member in:

<ul style="list-style-type: none">• Internal Quality Assurance Cell (IQAC) Core Committee.
<ul style="list-style-type: none">• Academic Council of our college.
<ul style="list-style-type: none">• Internal Member in Board of studies.
<ul style="list-style-type: none">• Discipline Committee of our college.
<ul style="list-style-type: none">• Executive Committee Member in Indian Red Cross Society(IRCS) Dindigul District Branch.

Resource Person in:

<ul style="list-style-type: none">• Youth Red Cross Awareness Programmes and Camps conducted by various colleges in Dindigul District.
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