




**ARULMIGU PALANIANDAVAR ARTS COLLEGE FOR WOMEN
(AUTONOMOUS), PALANI
STAFF-PROFILE**

I. SELF - DATA

Dr.(Mrs).R.VALLIAMMAL Associate Professor & Head Department of Physics A.P.A College for Women, Palani		
1	Name	R.VALLIAMMAL
2	Designation	Associate Professor
3	Department	Physics
4	Educational Qualifications	M.Sc (Phy) ,M.Phil (CS) ,Ph.D (Phy) ,PGDCA
5	E-mail Id	valliammal.jayakumar@gmail.com

II. DETAILS OF EDUCATION

Sl.No	Degree / Diploma	Board/University	Register No	Class	% of Marks
1	S.S.L.C	Secondary Board	060203	First	80.8
2	Plus 2	Secondary Board	631487	First	79.4
3	B.Sc (Phy)	Madurai Kamaraj University (Sri Parasakthi College for Women - Courtallam)	01101	First with Distinction	89.9
4	M.Sc (Phy)	Bharathidasan University (Sri Seethalakshmi Ramasamy College – Trichy)	P53130921	First with University Rank	83.7
5	PGDCA	Bharathiar University - Coimbatore	93QCE0059	First	
6	M.Phil (C.S)	Bharathiar University - Coimbatore	97PR42		
7	Ph.D	Gandhigram Rural Institute (Deemed University – Gandhigram)			

III. OTHER EXAMS PASSED

- Typewriting – JUNIOR GRADE in English by Dept. of Technical Education on May-1989
- “STATE LEVEL SCREENING TEST” in Physical Sciences by University of Madras on Sep-1990

IV. DETAILS OF FIRST APPOINTMENT

1	Name of the Post	Lecturer in Physics
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2	Appointment Date	26-06-1991
3	Institution Joined	A.P.A College for Women, Palani
	Present Designation	Associate Professor
	Teaching Experience	32 Years
4	Appointed By	Joint Commissioner/EO (Secretary and Correspondent) of APA College for Women, Palani

V. DETAILS OF EMPLOYMENT

Sl. No	Institution	Designation	From	To	Reason to Leave
1	Sri Parasakthi College for Women, Courtallam	Asst.Professor in Physics	05-10-1987	17-12-1988	Under Autonomous Programme
2	A.P.A College for Women, Palani	Lecturer in Physics	26-06-1991	Till Date	

VI. Areas of specialization

M.Sc - Spectroscopy

M.Phil - AI: Text to Speech

Ph.D - Studies on Magneto Hydro Dynamic surface waves along Magnetically Structured Atmospheres

No. of Papers Presented (International/ National Conferences) 06

Details of Journal Publications – International Level

1. **Valliammal. R, Sivaraman. M and Somasundaram. K.**,“Propagation of Magnetoacoustic Surface Waves Along Static Plasma Slab Surrounded by Moving Plasma and Neutral gas”Published in *Section - Plasma Physics in European Physical Journal D(EDP Sciences, Società Italiana di Fisica, Springer-Verlag)* DOI 10.1140/epjd/e2010-00213-6 – 30, August 2010.
2. **Valliammal. R, Sivaraman. M and Somasundaram. K.**,“Study of MHD Surface Waves along a Static Plasma Slab Surrounded by Moving Plasma and Neutral gas” Published in *Section - Basic Processes in Fully and Partially Ionized Plasmas in IEEE Transactions on Plasma Science, Vol 38 Issue 8, page 1991-1996, Aug 2010*

Details of Journal Publications – National Level

1. **Valliammal.R, David Rathinavelu.G, Sivaraman.M and Somasundaram.K.**, “MagnetoAcoustic Gravity Surface Waves along a Plasma Slab Surrounded by Neutral gas”, **24th National Symposium on plasma science & Technology (PLASMA-2009), December 2009, National Institute Of Technology, Hamirpur, Himachalpradesh.**
2. **Valliammal. R, Sivaraman. M and Somasundaram. K.**, “Penetration Depths of Fast and Slow Magnetosonic Surface Waves in the Magnetospheric- Ionospheric-Neutral Gas Interface”, **XXII**

**National Symposium on Plasma Science and Technology (PLASMA-2007), December, 2007,
Institute for Plasma Research, Ahmedabad.**

Position held

1. Vice- president of Physics association.
2. In-charge for preparing college activities – monthly report – sending to the management.
3. NSS programme officer
4. Notice board in – charge – quiz thought for the day.
5. College calendar in –charge.
6. In – charge for audio visual education.
7. Organizer in NAAC seminar.
8. In – charge for social service league activities.
9. Organizer of UGC sponsored – International/National/State level Seminars/ Workshops & Guest lectures in the dept.
10. In-charge for conducting convocation twice in our college.
11. In-charge for twice college day proficiency prizes.
12. Arranging department field visits.
13. Discharging duties as the Deputy Controller of Examinations from June 2017.
14. Union Vice President

Member in:

1. Member in NAAC – core committee – prepared IQAC report for 2013-2014.
2. Academic council member in college
3. Member Secretary
4. Selected as the Executive Council Member in the Executive Committee of Mother Teresa Women's University.
5. Admission Committee member
6. Faculty Development Program
7. Management Committee member
8. IQAC Committee Member