

**Name** : R. DAPHINE

**Designation** : Lecturer

**Department** : Physics

**Date of Joining** : 23.06.2011

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**Educational Qualification:**

DEGREE	SUBJECT	COLLEGE / UNIVERSITY & PLACE	YEAR COMPLETED
B.Sc	Physics	Women's Christian College, Nagercoil	1993
M.Sc	Physics	Women's Christian College, Nagercoil	1996
M.Ed	Education	MKU	2000
M.Phil	Physics	DDE, MKU, Madurai	2007
M.Phil	Education	DDE, MKU, Madurai	2009
Ph.D	Physics & Education	Alagappa University Karaikudi	

**Specialisation in Teaching:**

1. Digital Electronics
2. Classical Mechanics
3. Numerical Methods
4. Solid state physics

**Specialisation in Research:**

**M.Phil.** – Thin Film technology using D.C Magnetron Sputtering

**Ph.D** – Physics evaluation through Computer Adaptive testing

**Other Work Experience:**

Designation	Institution / Company	Year - From (month/year) To (month/year)
Science Teacher	Hebson Matric Hr.Sec.School carmel convent, Bangalore	1996-1997 – 2001 -2002 2004-2005
Assistant Prof	KSM College of Edn, Madurai	11/2 2005 – 2007 (Feb)
Assistant professor	C.S.I College of Education Pasumalai	2007 – 2011 (June) 4 1/2 yrs

**Administrative /Academic Position/s (held / currently holding):**

<b>Positions held / currently holding</b>	<b>Year - From (month/year) To month/year)</b>
Academic counsellor in deno (B.Ed Course)	2007-2011

**Articles Published in International Journals:**

1. Daphine R. And sivakumar, P (2011) “A Study on the professional problems faced by post graduate teachers in physics Indian journal of Applied Research (2): 29-31”

**Articles published in National Journals:**

1. Daphine and P. Sivakumar “Computer Adaptive Test: An efficient students abililes measurement Tool” University News, Vol 51 (8) Feb 25 – March 03 (2013)

**Lectures / Talks given:**

1. Using OHP effectively in the classroom in the workshop held in CSI college of education Madurai
2. Women’s equality in the seminar at Yadava College of education

**Other activities / academic credentials you would like to mention:**

**Research publications**

**International**

1. Daphine, R., & Sivakumar, P. (2011) A study on the Professional Problems Faced by Post Graduate Teachers in Physics, Indian Journal of Applied Research 1 (2) 29-31.

**National**

1. Daphine, R., & Sivakumar, P. (2013) Computer Adative Test – An efficient students abilities measurement tool university News 51(8), 14-20

**Papers presented in International conferences/symposia/seminars**

1. Daphine, R, (2008) Technological Reforms in higher education, in the ICSSR Sponsored International conference on Reforms in Higher education in Asia (RHEA – 2008), 3<sup>rd</sup> to 5<sup>th</sup> March 2008, at Cardamom planters association college, bodinayakanur
2. Kingston R., Nancy, A.R & Daphine R. (2009) Nine Leadership characteristics, in the procd of UGC sponsored International Conference on Educational Leadership Preparation and practices in India 11<sup>th</sup> to 13<sup>th</sup> June, 2009, by Sri Ramakrishna Mission Vidyalaya College of Education, Coimbatore in Collaboration with Howard University pp. 14-15

3. Daphine, R., Sivakumar, P., & Gabriel, J.P. (2013). Assessing the effectiveness of Computer Adaptive Test in identifying the students' Potentials. In the procd of International Conference on Approaches and strategies for Generation Y learners, 21<sup>st</sup> to 23<sup>rd</sup> June, 2013 by Tamil Nadu Teachers Education University, Chennai, Tamil Nadu, India

### **Papers presented in National seminars / workshops**

1. Daphine, R. (2008) Educator's role in prevention of HIV/AIDS in the UGC sponsored National conference on combating Evils of AIDS and Drug Addiction Using Student Power 14<sup>th</sup> to 16<sup>th</sup> Feb 2008, at Annammal College of Education, Thoothukudi
2. Daphine, R (2008). The Role of Multimedia in Elementary Education, in the compendium of National Seminar on Innovative Practices in Elementary Education, 16<sup>th</sup> to 17<sup>th</sup> Dec 2008, by Directorate of Teacher Education Research and Training Kallupatti, pp. 2341-243
3. Daphine, R (2009) Importance of Training Teacher of Secondary Level on Environmental Value Education, in the UGC Sponsored National Seminar on Promoting Environmental Value among the teacher trainees at secondary Level, 22<sup>nd</sup> to 23<sup>rd</sup> Oct, 2009, by DDE & School of education alagappa University, Karaikudi
4. Daphine, R.& Daniel, A.G.K (2011) Test Mode CAI for Quality Evaluation and Time Reduction, in Innovative Technology in Education of National Seminar on integration of Innovative Technology in Teacher Education, 10<sup>th</sup> to 11<sup>th</sup> Jan, 2011, by Manonmanium Sundaranar University & Ponjesly College of education, pp 45-49.
5. Daphine, R. (2011) Introducing Emotional Intelligence in Schools, in the National Seminar on Emotional Intelligence In Teaching Learning Process, 5<sup>th</sup> Feb 2011, by NMS Vellaichamy Nadar College of Education, Madurai, pp. 3
6. Daphine, R (2011) Reforms in Evaluation Strategy is the need for quality enhancement in teacher education, in the national conference on teacher education programme for Emerging Needs, 17<sup>th</sup> & 18<sup>th</sup> March 2011, by College of Education, Alagappa University, Karaikudi, pp.71.

### **Papers Presented in state level seminars/workshops**

1. Daphine R. (2011) Computer Adaptive Testing for Evaluation and Time Reduction, in the Abstracts of State level Seminar on Instructional Design: Application of Technology in Classroom Teaching 24<sup>th</sup> to 26<sup>th</sup> Feb 2011, at Crescent College of Education for Women, Madurai

### **Guest lecture as Resource person**

1. Usage of OHP in classroom teaching for effective instruction in triple workshop held in CSI College of education on 12.09.2009 at Madurai
2. Women's rights in Indian society in the seminar on women's equality conducted by Yadava College of education on 1.03.2011 at Madurai

### Participation in seminars/workshops

21 Jan 2009	One-day regional workshop on application of information and communication technology for teacher educators in physical sciences conducted by Centre for educational research-MKU	Participated
20.22 Jan 2011	Workshop on web based learning conducted by CSI College of education	Participated
21 Nov-2009	Regional seminar on Technology for education conducted by crescent college of education	Participated
19 Mar 2010	Workshop on constructive based learning Approach conducted by Alagappa University, karaikudi	Participated
11 Nov 2010	Seminar on National education day conducted by Madurai Kamaraj University	Participated