

Biodata

1. Name : Dr.S.Paulraj
2. Designation : Dean of Science &
Associate Professor
3. Date of Birth : 03-04-1963
4. Age : 56
5. Qualification : M.Sc., B.Ed., M.Phil., Ph.D.
6. Date of joining : 04-12-1986
7. Teaching Experience : 32 years

Research Experience

Title of the Ph.D.Thesis : Integrability and Chaotic Dynamics of Two Coupled Duffing Oscillators.

List of publications :

1. Painleve analysis and integrability of the anharmonic oscillator equation – Pramana J. of Physics, 45(1995), 305-309.
2. The Painleve property, integrability and Chaotic behaviour of a two coupled Duffing oscillators - Pramana J. of Physics, 47(1996), 183-198.
3. Analytical prediction of horseshoe chaos in a two coupled Duffing oscillators – Indian J. Physics, 71b(1)(1997)49-58.
4. Migration control in two coupled Duffing oscillators.- Physical Review E, 55(1997) 6237-6240.
5. Noise-induced jumps in two coupled Duffing oscillators – Physica A, 261(1998) 417-434.
6. Coexisting Chaotic attractors, their basin of attraction and synchronization of chaos in two coupled Duffing oscillators – Physics Letters A, 264(1999) 283-288.

Courses/Seminars attended

No.	Title of the Course	Venue	Sponsor	Year
1	All India Institute on use of Microcomputer in Physics Laboratory	Rajasthan University, Jaipur	UGC	1988
2	Orientation Programme for newly appointed college teachers	Madurai Kamaraj University	UGC	1989
3	Seminar on Computational Physics	Madurai Kamaraj University	UGC	1990
4	Regional School on Introductory Astronomy	Kerala University	UGC	1993
5	Refresher course in Physics	Madras University	UGC	1995
6	International School on Nonlinear Systems	Pondicherry University	CIMPA France	1996
7	Workshop on Recent developments in Chaotic Dynamics	Bharathidasan University	UGC	1996
8	Refresher course in Physics	Madurai Kamaraj University	UGC	2000

Positions held:

1. NSS Programme Officer for unit 33 during the period 2003-2006.
2. Head of the Dept. of Physics during the period 2012-2017.
3. Coordinator for Young Student Scientist Programme (YSSP) conducted by Tamil Nadu State Council for Science and Technology during the year 2012-2014 for the students of Tirunelveli and Kanyakumari district.

Additional Works done

In 1987 when our college became autonomous, the first Controller of Examinations Rev. Fr. G. A. Savariraj S.J. instructed me to develop computer software to process the marks. I have developed a software in dBase III plus and fully involved in this work up to the year 1992.

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