

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

STAFF PROFILE



NAME OF THE STAFF : P.R. Venkatesh
DESIGNATION : Assistant Professor
DEPARTMENT : Physics

1. **CONTACT**

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2. **ACADEMIC QUALIFICATIONS**

Degree	College/University/Board	Year of Passing/ Awarded
Ph. D.	Nehru Memorial College, Puthanampatti	2017
M. Phil.	Urumu Dhanalakshmi College, Tiruchirappalli.	2000
P.G.D.C.A	Jamal Mohamed College, Tiruchirappalli - 24	1999
M. Sc.	Jamal Mohamed College, Tiruchirappalli - 24	1998
B. Sc.	National College, Tiruchirappalli.	1996

3. **TEACHING EXPERIENCE**

S. No.	Institution	Duration	No. of Years	
			UG	PG
1	Nehru Memorial College (Self financing)	From 21.07.2000 to 27.08.2007	7	4
2	Nehru Memorial College (Government - Aided)	From 28.08.2007 to till date	14	14

4. **RESEARCH GUIDANCE (In Numbers)**

Program of Study		Completed	Ongoing
Research	Ph. D.	-	-
	M. Phil.	7	-
Project	PG	10	-

5. **PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Seminars	1	2	5	3
Workshops	-	2	-	1

6. **PROFESSIONAL DEVELOPMENT (In Numbers)**

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
1	6	7	-	2

7. **SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES)**

Invited talk in One day State level seminar on **Recent Advances in Physical Science (RAPS-2013)** at Selvamm Arts and Science College, Namakkal on 15th Feb 2013.

8. **DETAILS OF MEMBERSHIP**

Academic Bodies (Board of studies)	1. Member, UG Board of Studies, Department of Physics, Nehru Memorial college, Puthanampatti.
	2. Member, PG Board of Studies, Department of Physics, Nehru Memorial College.

9. **ANY OTHER ACTIVITIES**

<p>Articles published in Newspaper(s) / Magazine(s)</p>	<ol style="list-style-type: none">1. Analytical treatment for synchronizing chaos through Unidirectional coupling and Implementation of logic gates, PR Venkatesh, A Venkatesan, M Lakshmanan, Pramana - Journal of Physics, 1-13 8 2016.2. Vibrational resonance and implementation of dynamic logic gate in a piecewise-linear Murali-Lakshmanan-Chua circuit, PR Venkatesh, A Venkatesan, Communications in Nonlinear Science and Numerical Simulation 39, 271-282 6 2016.3. Design and implementation of dynamic logic gates and RS flip-flop using quasiperiodically driven Murali-Lakshmanan-Chua circuit, PR Venkatesh, A Venkatesan, M Lakshmanan, Chaos: An Interdisciplinary Journal of Nonlinear Science 27 (3), 033105 5 2017.4. Implementation of dynamic dual input multiple output logic gate via resonance in globally coupled Duffing oscillators, PR Venkatesh, A Venkatesan, M Lakshmanan, Chaos: An Interdisciplinary Journal of Nonlinear Science 27 (8), 083106 (10).5. Significance of power average of sinusoidal and non-sinusoidal periodic excitations in nonlinear non-autonomous system, PR Venkatesh, A Venkatesan, Pramana - Journal of Physics 87 (June),
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	http://dx.doi.org/10.1007/s12043-016-12012016 . 6. Implementation of dynamic dual input multiple output logic gates via enhanced logical resonance in non-locally coupled Duffing oscillators, PR Venkatesh, Proceedings of the Indian National Science Academy, DOI:10.16943/ptinsa/2018.
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10. **DETAILS OF PARTICIPATION**

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
Seminar(s)					
1	One day symposium on “Draft National Educational Policy 2019”	AUT Tamilnadu	AUT Tamilnadu	Trichy	27 th July 2019
2	State level Seminar on “Higher Education in New Education Policy – Challenges and Prospects”	JAC of College Teachers	JAC of College Teachers	Trichy	3 rd December 2015
3	Dynamics Days Asia – Pacific 08 (DDAP08)	IIT & IMS Chennai	IIT & IMS Chennai	Chennai	21 st - 24 th July 2014
4	One day seminar on Examination reforms	UGC Autonomous grant Nehru Memorial College (Autonomous), Puthanampatti.	UGC Autonomous grant Nehru Memorial College (Autonomous), Puthanampatti.	Trichy	16 th February 2013
5	One day State level seminar on Recent Advances in	SASC, Namakkal	SASC, Namakkal	Namakkal	15 th February 2013

	Physical Science (RAPS-2013)				
6	Seminar on “ Examinations Reforms ”	IQAC, Nehru Memorial College (Autonomous), Puthanampatti.	IQAC, Nehru Memorial College (Autonomous), Puthanampatti.	Trichy	15 th March 2012
7	State Level Seminar on “ Embedded Systems and its applications ”	PG & Research Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti.	PG & Research Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti.	Trichy	13 th March 2012
8	Seminar on “ Faculty Development Programme on Higher Education ”	IQAC, Nehru Memorial College (Autonomous), Puthanampatti.	IQAC, Nehru Memorial College (Autonomous), Puthanampatti.	Trichy	21 st January 2012
9	National Seminar on “ Nonlinear Electronics and Spintronics ”	Centre for Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli -23	Centre for Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli -23	Trichy	20 th March – 21 st March 2009
10	Seminar on “ Recent developments in Physics ”	School of Physics Bharathidasan University, Trichy	School of Physics Bharathidasan University, Trichy	Trichy	21 st – 22 nd November 2005
Workshop(s)					
1	Two days workshop on “ Innovative curriculum designing ”	UGC Autonomous grant Nehru Memorial College (Autonomous), Puthanampatti.	UGC Autonomous grant Nehru Memorial College (Autonomous), Puthanampatti.	Trichy	24 th -25 th November 2017
2	National Workshop and	Centre for Nonlinear	Centre for Nonlinear	Trichy	22 nd – 25 th September

	Conference on “Computational Methods for Nonlinear Dynamics”	Dynamics, Bharathidasan University, Tiruchirappalli -23	Dynamics, Bharathidasan University, Tiruchirappalli -23		2010
3	National Level TPSC Workshop on “Nonlinear Physics: Theory, Experiments and Applications”	PG & Research Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti.	PG & Research Department of Physics, Nehru Memorial College (Autonomous), Puthanampatti.	Trichy	29 th March – 31 st March 2010
4	Workshop on “Nonlinear dynamics and its applications”	IAS-CNLD	IAS-CNLD AVVM Sri Pushpam College, Poondi	Poondi	9 th - 11 th October 2003