

NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007



STAFF PROFILE

NAME OF THE STAFF : **Dr.K.PARIMALA**
DESIGNATION : ASSISTANT PROFESSOR
DEPARTMENT : PHYSICS

1. CONTACT

Address : **No.6,Malaiamma Avenue,
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2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
Ph.D. (Vibrational Spectroscopy)	Manonmaniam sundaranar University, Tirunelveli-627012.	Jan 2015/ Awarded
M.Phil. Physics	Dept. of Physics, Bharathidasan University, Trichy-620024.	2000-2001
M.Sc. Physics	Urumu Dhanalakshmi College, Trichy-620019.	1998-2000
B.Sc. Physics	Thanthai Hans Rover College, Perambalur-621212.	1995-1998

3. TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years	
			UG	PG
1	Nehru Memorial College, Puthanampatti, Trichy-621007.	Dec - 2019 to Till date	3 Months	3 Months
2	Vivekananda College of Arts and Sciences for Women, Namakkal-637205.	June - 2017 to Nov - 2019	2 years and 6 Months	2 years and 6 Months

3	Shrimati Indira Gandhi College, Near Chatram Bus Stand, Trichy-620002.	June - 2016 to June - 2017	1	1
4	Mookambigai College of Engineering, Kalamavur-622502, Pudukkottai Dt.	Feb - 2011 to June - 2016.	5	-
5	Cauvery College of Engg. & Tech., Trichy-639103.	June - 2008 to Jan - 2011	2	-
6	M.N.S.K. College of Engg.&Tech., Pudukkottai-622305.	Feb -2005 to June - 2008	3	-
7	Pavendar Bharathidasan College of Engg. & Tech., Trichy-620001.	June - 2001 to Feb - 2005	4	-

4. **RESEARCH EXPERIENCE (in years)** : 11 Tears

5. **AREA OF RESEARCH** : Vibrational Spectroscopy

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

Program of Study		Completed	Ongoing
Research	Ph. D.		1
	M. Phil.		
Project	PG	13	0

7**. **PUBLICATION(S) (In Numbers)**

Journal(s)		Proceeding(s)		Book(s) / Chapter(s) / Monograph(s) / Manual(s)
International	National	International	National	
3				

Cumulative Impact Factor (as per JCR)	7.466
h-index	-
Total Citations	-

7. **PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Conference(s)				
Seminar(s)	2	3		
Workshop(s)				
Symposium(s)				

8. PROFESSIONAL DEVELOPMENT (In Numbers)

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
		1		

9. DETAILS OF PUBLICATIONS - JOURNAL(S)

No .	Name of the author/s	Title of the paper with e-link	National/ International	Name of journal	Volume Page No & Year	ISSN
1	D.Gnanasoundar Iraiadian, S. Joseph Vedhagiri, M. Govindarajan, K.Parimala , Dr.B.Sendilkumar	Spectral (UV and NMR) Analysis of 4-(Dimethylamino)benzotrile by Density Functional Theory Calculations & http://www.ijstr.org	International	International Journal of Scientific & Technology Research	9(2) 4909-4911 & (2020)	2277-8616
2.	D.Gnanasoundar Iraiadian, S. Joseph Vedhagiri, M. Govindarajan, K.Parimala , Dr.B.Sendilkumar	Frontier Molecular Orbital Analysis Molecular Electrostatic Potential of 4-(Trifluoromethyl)benzotrile by HF Calculations http://www.wesleyanjournal.in	International	Wesleyan Journal of Research	13(22) 80-85 & 2020	0975-1386
3.	D.Gnanasoundar Iraiadian, S. Joseph Vedhagiri, M. Govindarajan, K.Parimala , Dr.B.Sendilkumar	Density Functional Theory Calculations, Intramolecular Interactions and Thermal Properties of 4-Hydroxybenzotrile http://www.esmsj.com	International	Econophysics, Sociophysics and Multidisciplinary Sciences Journal	7(8) 352-354 & 2020	2247-2479

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	Webinar on “Essential of Nanotechnology and nanoelectronics	DST	Department of Physics, Saveetha Engineering College	Chennai-602105	13 th June 2020
2	National Level Webinar Titled “Role of Nanomaterials in Electrochemical devices and photocatalysis	CSIR	Department of Chemistry, Dr.M.G.R. Educational and Research Institute,	Chennai-600095	15 th June, 2020
3	International Webinar on “Advanced Materials for Biomedical, Energy &	UGC	Department of Chemistry	Coimbatore-	16 th June, 2020

	Environmental Applications		(UA), PSG College of Arts & Science	641014	
4	National Webinar on “Materials Technology and Research Perspectives in Physics	DST	Department of Physics, Marudhar Kesari Jain College College for Women	Vaniyam badi- 635751	15 th to 17th June 2020
5	International Webinar on “Recent Advances in Materials Science (RAMS-2020)	UGC	Department of Physics, Government Arts College for Women	Salem- 636008	16 th to 18th June 2020.

II. DETAILS OF PROFESSIONAL DEVELOPMENT (Orientation / Refresher Course / FDP /

Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration/ Date
Faculty Development Programme					
1	One Day Online Faculty Development Programme “Funding Schemes and Patenting Scientific Innovations		IQAC and PG and Research Department of Physics, Government Arts College	Trichy- 620022	13 th June 2020