

**NEHRU MEMORIAL COLLEGE (AUTONOMOUS)**

**PUTHANAMPATTI-621007**

**STAFF PROFILE**

NAME OF THE STAFF : Dr.S.KUMARARAMAN  
DESIGNATION : ASSOCIATE PROFESSOR  
DEPARTMENT : PHYSICS



**1. CONTACT**

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**2. ACADEMIC QUALIFICATIONS**

Degree	College/University/Board	Year of Passing/ Awarded
Master's Degree	Bharathidasan University	1985
M.Phil Degree	Bharathidasan University	1987
Ph.D. Degree	Bharathidasan University	1997
PGDCA	Bharathidasan University	1998

**3. TEACHING EXPERIENCE**

S. No.	Institution	Duration	No. of Years	
			UG	PG
1.	Nehru Memorial College, Puthanampatti - 621 007.	1986 to till date	33 Yrs	33 Yrs

**4. RESEARCH EXPERIENCE (in years) : 20 Yrs**

**5. AREA OF RESEARCH : CRYSTAL GROWTH TECHNOLOGY**

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

Program of Study		Completed	Ongoing
Research	Ph. D.	9	3
	M. Phil.	125	3
Project	PG	80	---

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

Journal(s)		Proceeding(s)		Book(s) / Chapter(s) / Monograph(s) / Manual(s)
International	National	International	National	
40	12	1	50	1

Cumulative Impact Factor (as per JCR)	2.5
h-index	25.46
Total Citations	254

**8\*\*. PRESENTATION(S) (In Numbers)**

Events	International	National	State	Regional
Conference(s)	10	10	6	10
Seminar(s)	4	10	4	7

**9\*\*. PARTICIPATION (In Numbers)**

Events	International	National	State	Regional
Conference(s)	10	10	6	10
Seminar(s)	4	10	4	7

**10\*\*. PROFESSIONAL DEVELOPMENT (In Numbers)**

Orientation Programme(s)	Refresher Course(s)	Faculty Development Programme(s)	Short Term Course(s)	Online Course(s)
2	2	5	2	1

**11. FUNDED RESEARCH PROJECT(S)**

List of Completed Project(s)					
S. No.	Agency	Period		Project Title	Grant Allocated (Rs. In Lakhs)
		From	To		
1.	UGC	2013	2016	GROWTH NUCLEATION KINETICS..... ELECTRO OPTIC APPLICATIONS	11.95 LAKHS
2.	UGC	2008	2011	DEVELOPMENT OF GROWTH	7.5 LAKHS

				TECHNOLOGY.....LaMnO <sub>3</sub> CRYSTALS	
3.	UGC MINOR			GROWTH AND CHARACTERISATION OF CRYSTALS	0.35 LAKHS

#### 12. DISTINCTIVE ACHIEVEMENT(S) / RECOGNITION(S) / AWARD(S)

- 1.DST VISITING FELLOWSHIP AT JNCASR JAKKUR, BANGALURE (1994)
2. MRSI FELLOW, MATERIALS RESEARCH, HYDERABAD
3. LIFE MEMBER, ICAR, CHENNAI.

#### 14. EVENT(S) ORGANIZED

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
1.	NATIONAL SEMINAR ON CRYSTAL GROWTH	COORDINATOR	Dr.H.L.BHAT	2004

#### 15. ACADEMIC / ADMINSTRATIVE RESPONSIBILITIES HELD

1. CHAIRMAN, BOARD OF STUDIES (UG PHYSICS) AT BHARADHIDASAN UNIVERSITY FROM 2018.
2. MEMBER, BOARD OF STUDIES (PG PHYSICS) AT BHARADHIDASAN UNIVERSITY FROM 2007 - 2010.
3. CHAIRMAN, BOARD OF STUDIES (PG PHYSICS) AT NATIONAL COLLEGE, TRICHY FROM 2019.
4. CHAIRMAN, BOARD OF STUDIES( PG PHYSICS) AT THRC PERAMBALURE.
5. CHAIRMAN, BOARD OF QUESTION PAPER SETTING BHARATHIAR UNIVERSITY, COIMBATORE FROM 2003 ONWARDS.
6. CHAIRMAN, BOARD OF QUESTION PAPER SETTING UNIVERSITY OF MADRAS FROM 2003 ONWARDS.
7. SENATE NUMBER BHARADHIDSAN UNIVERSITY FROM 2015 – 2017.

#### 16. SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES)

YES, SERVED AS A RESOURCE PERSON (INVITED TALKS / GUEST LECTURES) FOR VARIOUS CONFERENCES

**17. DETAILS OF MEMBERSHIP**

Editorial Board	----
Referee (Peer Reviewed Journal)	JOURNAL OF SUPERCONDUCTIVITY - REFEREE
Academic Bodies (Board of studies)	CHAIRMAN BOARD OF STUDIES AT BHARADHIDASAN UNIVERSITY
Professional Bodies	ICGG

**18. EXTENSION ACTIVITIES / OUTREACH PROGRAMME**

S. No	Title	Place	Date	Beneficiaries
1.	NSS OFFICER	NMC, PUTHANAMPATTI	2004	100
2.	PROGRAMME OFFICER	ADULT EDUCATION, NMC, PUTHANAMPATTI	1991- 1994	100

**19. ANY OTHER ACTIVIITIES**

Articles published in Newspaper(s) / Magazine(s)	--
Products Developed	--
Number of Ph. D. thesis evaluated	10
Number of Ph. D. Public Viva Voce Examination conducted	10

**20. DETAILS OF RESEARCH GUIDANCE**

Ph. D. (Completed)			
S. No.	Name	Title of thesis	Year of award
1.	Dr.R.VALLUVAN		2005
2.	Dr.K.SELVARAJ		2007
3.	Dr.S.PARI		
4.	Dr.A.T.RAVICHANDRAN		2006
5.	Dr.J.THOMAS JOSEPH PRAKESH		2009
6.	Dr.K.KIRUBAVATHI		2012
7.	Dr.P.RAMESH KUMAR		2011
8.	Dr.T.THAILA		2014
9.	Dr.N.R.TAMILSELVAN		2019
M. Phil. (Completed)			
S. No.	Name	Title of thesis	Year of award
1.		125 M.Phil. completed	

**21. DETAILS OF PUBLICATIONS**(a) **JOURNAL(S): PLEASE REFER ANNEXURE I**

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.						

**22. DETAILS OF PRESENTATION(S)**

(Conference(s) / Seminar(s)): PLEASE REFER ANNEXURE II

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date

**23. DETAILS OF PARTICIPATION**

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s)): PLEASE REFER ANNEXURE III

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
<b>Conference(s)</b>					
<b>Seminar(s)</b>					
<b>Workshop(s)</b>					
<b>Symposium(s)</b>					

**24. 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
<b>Orientation Programme</b>					
1.	ORIENTATION	UGC	BHARADHI DASAN UNIVERSIT Y	TRICHY	22.11.1987 TO 19.12.1987
<b>Refresher Course</b>					
1.	REFRESHER IN	UGC	UNIVERSIT	CHENN	23.10.1993

	<b>THEORITICAL PHYSICS</b>		<b>Y OF MADRAS</b>	<b>AI</b>	<b>TO 20.11.1993</b>
<b>2.</b>	<b>REFRESHER IN MOLECULAR BIO PHYSICS</b>	<b>UGC</b>	<b>UNIVERSIT Y OF MADRAS</b>	<b>CHENN AI</b>	<b>19.05.1994 TO 10.06.1994</b>
<b>3.</b>	<b>REFRESHER IN CRYSTAL GROWTH</b>	<b>UGC</b>	<b>ANNA UNIVERSIT Y</b>	<b>CHENN AI</b>	<b>18.01.1999 TO 07.02.1999</b>
<b>Faculty Development Programme</b>					
	<b>ATTENDED VARIOUS FDP PROGRAMMES</b>	<b>UGC</b>	<b>NMC</b>	<b>PUTHA NAMP TTI</b>	<b>--</b>
<b>Short Term Course(s)</b>					
<b>1.</b>	<b>INTERNATIONAL WORKSHOP ON CRYSTAL GROWTH</b>	<b>UGC</b>	<b>ANNA UNIVERSIT Y</b>	<b>CHENN AI</b>	<b>1993</b>
<b>Online Course(s)</b>					
	<b>LASER PHYSICS</b>	<b>--</b>	<b>---</b>	<b>---</b>	<b>---</b>