

## NEHRU MEMORIAL COLLEGE (AUTONOMOUS)

PUTHANAMPATTI-621007

### STAFF PROFILE

NAME OF THE STAFF : S.MURUGANANTHAM  
DESIGNATION : ASSISTANT PROFESSOR  
DEPARTMENT : PHYSICS



#### 1. CONTACT

Address : 3/663, WEST STREET, NADUVALUR(PO),  
THURAIYUR(TK), TRICHY(DT) – 621 004.  
Contact Phone (Mobile) : 9585244868  
Contact e-mail(s) : muruganmsc02@gmail.com

#### 2. ACADEMIC QUALIFICATIONS

Degree	College/University/Board	Year of Passing/ Awarded
Ph.D.,	Nehru Memorial College, Puthanampatti.	Doing
M.Phil.,	Nehru Memorial College, Puthanampatti.	2013
M.Sc.,	Nehru Memorial College, Puthanampatti.	2012
B.Sc.,	Nehru Memorial College, Puthanampatti.	2010

#### 3. TEACHING EXPERIENCE

S. No.	Institution	Duration	No. of Years	
			UG	PG
1.	Oxford Engineering College, Trichy – 09.	2016 - 2019	3	-
2.	Nehru Memorial College, Puthanampatti.	2019 – 2021	2.5 Years	

4. RESEARCH EXPERIENCE (in years) : 8 Years

5. AREA OF RESEARCH : CRYSTAL GROWTH TECHNOLOGY

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

Program of Study		Completed	Ongoing
Research	Ph. D.	--	--
	M. Phil.	--	--
Project	PG	7	2

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

Journal(s)		Proceeding(s)		Book(s) / Chapter(s) / Monograph(s) / Manual(s)
International	National	International	National	
6	--	--	--	--

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

Events	International	National	State	Regional
Conference(s)	--	2	--	--
Seminar(s)	--	2	--	--

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

Events	International	National	State	Regional
Conference(s)	--	1	--	--
Seminar(s)	--	4	--	--
Workshope(s)	1	-	-	-

**10. DETAILS OF PUBLICATIONS****(a) JOURNAL(S)**

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.	S. Muruganatham, S. Kumararaman, T.S.Sarasvathy and TN.Prabakar	Growth of Tetrakis Thiourea Potassium Chloride as New Second Order Optical Material	International	Indian Journal of Natural Sciences	12: 29506- 29511 (2021)	0976- 0997
2.	S. Muruganatham, S. Kumararaman and T.S.Sarasvathy	Growth and Characterization of a Semiorganic L-Histidinium Methyl Benzoate NLO Single Crystal	International	Indian Journal of Natural Sciences	10: 28199- 28203 (2020)	0976- 0997

3.	S. Muruganantham, S. Kumararaman, N. R. Tamilselvan T. Thaila and K. Subbaraman	Electrical Resistivity Measurements of Manganite $\text{La}_{0.95}\text{Sr}_{0.05}\text{MnO}_3$ Under Uniaxial Pressure at High Temperature <a href="https://doi.org/10.1007/s10948-018-4969-0">https://doi.org/10.1007/s10948-018-4969-0</a>	International	Journal of Superconductivity and Novel Magnetism	32: 2467–2469 (2019)	1557-1939
4.	S.Muruganantham, S.Kumararaman , T.Thaila and K.Subbaraman	Growth and Characterization of Bismuth Oxy Chloride ( $\text{BiOCl}$ ) Single Crystals	International	Elixir International Journal	113: 49141-49143 (2017)	2229-712X
5.	S.Muruganantham, S.Kumararaman , T.Thaila and K.Subbaraman	Growth and Characterization of L-Alanine Oxalate Monohydrate Single Crystal	International	Elixir International Journal	107: 47163-47166 (2017)	2229-712X
6.	S.Muruganantham, S.Kumararaman and K.Subbaraman	Synthesis, growth and characterization studies on non linear optical crystal Trisglycine Zinc Chloride ( <a href="http://scholarsresearchlibrary.com/archive.html">http://scholarsresearchlibrary.com/archive.html</a> )	International	Archives of Physics Research	5 (5): 12-17 (2014)	0976-0970

## 11. DETAILS OF PRESENTATION(S)

### (Conference(s) / Seminar(s))

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date
1.	Growth and Characterization L-Histidinium Methyi Benzoate Crystal	National Conference on advances in Applied Physics and Materials Science	National	Hindustan Institute of Technology & Science Chennai	29-30, January 2016

2.	Studies on Growth and Characterization of Nano Material (TtPi)	Abstract of the One day PG and MPhil Students Technical Seminar in Applied Sciences and Engineering	National	St. Peter's University Chennai	6 <sup>th</sup> March 2014
3.	Synthesis Growth and Characterization studies on Nolinear Optical Crystal- Trisglycine Zinc Iodide	National Conference on Optics, Photonics and Lasers	National	Arul Anandar College Madurai	17-18 July 2014
4.	High Pressure Effect of Superconductivity on Iron Pnictides Compounds	National Seminar on Resent Trends in Crystal Growth & Nano Materials	National	National College Trichy	7-9 August 2014

## 12. 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
<b>Conference(s)</b>					
1.	National Conference on Advances in Condensed Matter Physics	UGC	Hindustan Institute of Technology & Science	Chennai	2 <sup>nd</sup> March 2018
<b>Seminar(s)</b>					
1.	National Seminar on Hetrostructure Nanocomposites for Energy and Environmental Applications	UGC	K.S.Rangasamy College of Arts & Sciences	Namakkal	27 <sup>th</sup> Febraury 2021
2.	National Seminar on Spectroscopy with Crystal Growth and Their Applications	UGC	Vivekanandha College of Arts & Sciences for Women	Namakkal	12 <sup>th</sup> Febraury 2021

3.	National Seminar on Novel Materials	UGC	Shivani Engineering College	Trichy	8 <sup>th</sup> March 2013
4.	National Seminar on Recent Trends in Materials Science	UGC	M.Kumarasamy College of Engineering	Karur	9 <sup>th</sup> November 2012
<b>Workshop(s)</b>					
1.	International workshop on Crystal Growth and Characterization of Advanced Materials and Devices	UGC	Anna University	Chennai	16-19 December 2012