




# TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

## FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	Dr.S.R.ANISHIA, Ph.D		
Designation	ASSISTANT PROFESSOR		
Department	PHYSICS (S&H)		
Total Teaching Experience	4 years		
Total Research Experience	4 years		
Total Industry Experience			
Area of Specialization	RADIATION DOSIMETRY		
AICTE Faculty ID	1-7423170531		
Email ID	anishiasr@gmail.com		
EDUCATIONAL DETAILS			
Degree	Branch/ Specialization	University	Year
UG	B.Sc (PHYSICS)	MANONMANIUM SUDARANAR	2004
PG	M.Sc (PHYSICS)	PERIYAR ANNAMALAI	2006
	M.Phil (PHYSICS)		2008
Ph.D	RADIATION DOSIMETRY	ANNAMALAI	2012
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			
1. S.R.Anishia, M.T.Jose, O.Annalakshmi, V.Ponnusamy, V.Ramasamy, "Dosimetric properties of rare earth doped $\text{LiCaBO}_3$ thermoluminescence phosphors", Journal of Luminescence, 130 (1834-1840) 2010.			
2. S.R.Anishia, M.T.Jose, O.Annalakshmi, V.Ramasamy, "Thermoluminescence properties of rare earth doped lithium magnesium borate phosphors", Journal of Luminescence, 131 (2492-2498) 2011.			
3. M.T.Jose, S.R.Anishia, O.Annalakshmi, V.Ramasamy, "Kinetic parameter calculation of mixed borates", Radiation Measurements, 46 (1026-1032) 2011.			

4. V.Ramasamy, S.R.Anishia, M.T.Jose, V. Ponnusamy, "Synthesis and TL emission properties RE<sup>3+</sup> (Tm, Tb, Ce, Gd and Dy) doped lithium based alkaline (Ca, Mg) earth metal borates", Archives of Physics Research, 2(2), (1-8), 2011.
5. V.Ramasamy, V.Ponnusamy, S.Sabari, S.R.Anishia, S.Gomathi, "Effect of grinding on the crystal structure of recently excavated dolomite", Indian journal of Pure and Applied Physics, 47(08), (586-591), 2009.

### Conference Proceedings

1. S.R.Anishia, "Dosimetric characteristic of LiCaBO<sub>3</sub> thermoluminescence phosphor", National conference on Luminescence and its Application, organized by Luminescence Society of India. 2009.
2. S.R.Anishia, "Dosimetric studies on tissue equivalent of LiCaBO<sub>3</sub>:Mn, National conference on Luminescence and its Application", organized by Luminescence Society of India. 2009.
3. S.R.Anishia, "Luminescence of Al<sub>2</sub>O<sub>3</sub>:Si, Ti, National conference on Luminescence and its Application", organized by Luminescence Society of India. 2009.
4. S.R.Anishia, "Thermoluminescence properties of lithium magnesium borate phosphor", National conference on Luminescence and its Application, organized by Luminescence Society of India. 2010.
5. S.R.Anishia, "Luminescence studies in cadmium borate TL phosphor, National conference on Luminescence and its Application", organized by Luminescence Society of India. 2010.
6. S.R.Anishia, "Thermoluminescence studies in Dy<sup>3+</sup> doped lithium magnesium borate phosphor, National conference on Advanced Materials", organized by Center for Scientific and Applied research. 2010.
7. S.R.Anishia, "Kinetic parameters calculated for mixed metal borates TL phosphors, International conference on Recent-Frontiers in Applied Spectroscopy, Organized by Department of Physics", Annamalai University, 2010.
8. S.R.Anishia, "Synthesis and TL emission properties of RE<sup>3+</sup> (Tm, Tb, Ce, Gd and Dy) doped lithium based alkaline (Ca, Mg) earth metal borates, National seminar on Advanced on physics, organized by Department of Physics", Manonmanium Sundaranar University, 2011.
9. S.R.Anishia, "Synthesis and photoluminescence characteristics of rare earth doped lithium based alkaline rare earth metal borates, National Conference on recent Advanced in materials and Technology, Organized by department of physics", Sathyabama University, 2012.

<b>Books / Chapters Published</b>		
-		
<b>Fund Received</b>		
-		
<b>Patent Applied / Published/Granted</b>		
-		
CITATIONS	225	
H-INDEX	5	
<b>RESEARCH GUIDANCE DETAILS</b>		
Sl.No	University	Supervisor ID / Reference
1	Anna University, Chennai	-
2	Number of UG Scholars Guided	-
3	Number of PG Scholars Guided	-
4	Number of Ph.D. Scholars Guided	-
5	Number of Ph.D. Scholars Pursuing	-
<b>PROFESSIONAL SOCIETY MEMBERSHIP DETAILS</b>		
Sl.No	Professional Society Name	Member ID
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