

Ph.D

TAGORE ENGINEERING COLLEGE

(A Member of Tagore Group of Institutions Chennai)

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

ACCREDITED BY IQAC-NAAC WITH 'A' GRADE

FACULTY PROFILE

	PERSONAL DETAILS
Name & Qualification	Dr.S.R.ANISHIA, M.Sc., M.Phil., Ph.D
Designation	ASSISTANT PROFESSOR
Department	PHYSICS (S&H)
Total Teaching Experience	6 years
Total Research Experience	4 years
Total Industry Experience	
Area of Specialization	RADIATION DOSIMETRY
AICTE Faculty ID	1-7423170531
Email ID	anishiasr@gmail.com

RADIATION DOSIMETRY



2012

EDUCATION ME DETRIES				
Degree	Branch/ Specialization	University	Year	
UG	B.Sc (PHYSICS)	MANONMANIUM SUDARANAR	2004	
PG	M.Sc (PHYSICS)	PERIYAR	2006	
	M.Phil (PHYSICS)	ANNAMALAI	2008	

EDUCATIONAL DETAILS

RESEARCH / PUBLICATION DETAILS

ANNAMALAI

Publications in Journal

- 1. S.R.Anishia, M.T.Jose, O.Annalakshmi, V.Ponnusamy, V.Ramasamy, "Dosimetric properties of rare earth doped LicaBO₃ thermoluminesence 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 RE³⁺ (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.
- S.Muruganandam, S. Kannan, S. R. Anishia, P. Krishnan, "Electrochemical performance of Yttrium doped SnO2–NiO nanocomposite for energy storage applications", Journal of Physics and Chemistry of Solids, 179, 111420, 2023.
- 7. S.Muruganandam, S. R. Anishia, S. Rajesh, P. Krishnan, M. Jayavel "Enhanced electrochemical and thermal stability of CdS:Pb2+, Cu2+ co-doped nanoparticles on energy storage applications", Inorganic Chemistry Communications, 160, 11181, 2014.
- 8. T. Rajachandrasekar, I. Muthuvel, K. Kavitha, S. R. Anishia, S. Sasikruba, S. Sujatha "An Investigation into the corrosion inhibition mechanisms of mild steel using aqueous extract derived from *Aerva Lanata Leaf* in an acidic environment", Materials Today.

Conference Proceedings

- 1. S.R.Anishia, "Dosimetric characteristic of LiCaBO₃ 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 LiCaBO₃:Mn, National conference on Luminescence and its Application", organized by Luminescence Society of India. 2009.
- 3. S.R.Anishia, "Luminescence of Al₂O₃:Si, Ti, National conference on Luminescence and its Application", organized by Luminescence Society of India. 2009.
- 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 Dy³⁺ 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 RE³⁺ (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.
- 10. S. Muruganandam, S. R. Anishia, "Structural And Optical Properties Of Zn-Cd-Sns Nanocomposite" (ISBN: 978-81-943033-7-4), 7th International conference on Recent Advances in Science, Engineering and Management (ICRASEM 2022) 25th January 2023, Organized by Tagore Engineering College, Chennai.
- 11. V.Ramaswamy, E.Thenpandiyan, S.R.Anishia, Enhanced Electro Chemical Performance Of Rare Earth Ion (Y3+) Anchored Calcite Nanoparticles Extracted From Dolomite Rock- A Novel Green Biomimetic Route" (ISBN: 978-81-943033-7-4), 7th International Conference On Recent Advances In Science, Engineering And Management (ICRASEM 2022) 25th January 2023, Organized by Tagore Engineering College, Chennai.

Books / Chapters Published						
-						
Fund Received						
-						
Patent Applied / Published/Granted						
		-				
CITAT	ΓIONS		225			
H-INI	INDEX		5			
RESEARCH GUIDANCE DETAILS						
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		-			
PROFESSIONAL SOCIETY MEMBERSHIP DETAILS						
Sl.No	Pı	rofessional Society Name		Member ID		
-		-		-		