



Raja Doraisingam Government Arts College

(Affiliated to Alagappa University, Karaikudi)

Sivagangai - 630561



FACULTY PROFILE

1. Name : Dr.C.AMUTHA
2. Father's Name : K.CHELLADURAI
3. Designation : Guest Lecturer
4. Age & Date of Birth : 42, 10.06.1980
5. Gender : Female
6. Address for Communication : 5/846, Pudhuvazhvu Nagar
Kamarajar Colony, Sivagangai
7. Phone No : 9626470979
8. Email- id : balaamutha29@gmail.com
9. Educational Qualification : M.Sc., M.Phil., Ph.D., (SET)



S.No.	Course	University/College	Year of Passing
1.	B.Sc.,	Madurai Kamaraj University	April 2000
2.	M.Sc.,	Alagappa University	April 2002
3.	M.Phil.,	Alagappa University	June 2003
4.	Ph.D.,	Bharathiyar University	August 2017
5.	SET	Mother Teresa University	Feb.2016

10. Area of Specialization : Nano Thin Films and Nano materials

11. Experience :

S. NO	Name of Organisation	Period		Year of Experience
		From	To	
1	Raja Duraisingam Government Arts College-Sivagangai	06/07/2005	Till date	17 years

12. Publications:

S.No.	Title	Name of the Journal	ISSN / ISBN	Year
1	Synthesis, characterization and antibacterial efficiency of ZnO nanoparticles using rice as soft bio-template,	Optik – Elsevier journal	127 4281-4286.	2016
2	Structural, morphological and optical properties of Albumen mediated ZnO nanoparticles	Optik – Elsevier journal	126 5748-5752.	2016
3	Effect of Microwave Irradiation on Synthesis and Characterization of ZnO Nanoparticles	JNMES- Journal of New materials for Electrochemical Systems (Scopus Index Journal)	19 21-26.	2016
4	Influence of Concentration on Structural and Optical Characteristics of Nanocrystalline ZnO Thin Films Synthesized by Sol-Gel Dip Coating Method.	Progress in Nanotechnology and Nanomaterials	3 13-18.	2014

13. Paper Presented in Conferences/ Seminar:

S.No.	Title	Institution	Date & Year
1	Fabrication and Characterization of PVP/ZnO Nanocomposites prepared by Sol- gel Dip-Coating method..	International Conference On Thin Films and Applications ICTFA –Sastra University, Thanjavur	March15-17 2012.
2	Effect of Microwave Irradiation on Synthesis and Characterization of ZnO Nanoparticles.	International Materials Research Congress. Unam- Mexico.	. XXIII August17-212014

14. Seminar / Conference / workshop / Attended:

S.No.	Institution	Date & Year
1	International Conference on Thin Films and Applications (ICTFA) - Sastra University, Thanjavur.	March-15-17, 2012.
2	State Level Conference on Emerging Trends In Materials Synthesis and Characterization (ETMSC) – Tiruchirappalli..	Jan.19-20, 2013
3	One day National Seminar on “Role of Nuclear Energy for Sustainable Future Development and Environmental Safety” Sivagangai -RDM College,.	5 th February 2016
4	Science Academies’ Lecture workshop on “Emerging Trends in Material Science”. Sivagangai -RDM College	January 3 rd - 4 th , 2017
5	Physics Alumni Sponsored One Day National Seminar On “Highlights Of Physics In Current Scenario” Organized By P.G. & Research Department Of Physics ,Raja Doraisingam Govt.Arts College,Sivagangai.	March 10, 2020
6	Two Days National Seminar On “Materials For Energy Applications” Organized By P.G. & Research Department Of Physics ,Raja Doraisingam Govt.Arts College,Sivagangai	March 24 & 25,2020

7	One Day National Seminar On “Advances In Chemistry Of Nanostructured Materials” Organized By P.G. & Research Department Of Chemistry ,Raja Doraisingam Govt.Arts College,Sivagangai	April 13,2022
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