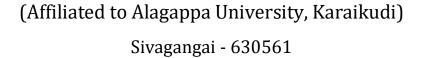


Raja Doraisingam Government Arts College





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 :5/846, Pudhuvazhvu Nagar Communication 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 |
|-------|---|------------|-----------|------------|
| | | From | То | Experience |
| 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 – Elesevier journal | 127 4281- 4286. | 2016 |
| 2 | Structural, morphological and optical properties of Albumen mediated ZnO nanoparticles | Optik – Elesevier journal | 126 5748- 5752. | 2016 |
| 3 | Effect of Microwave Irradiationon 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 | International Conference On | March15-17 |
| | Characterization of | Thin Films and Applications | 2012. |
| | PVP/ZnO | ICTFA –Sastra University, | |
| | Nanocomposites prepared | Thanjavur | |
| | by Sol- gel Dip-Coating | | |
| | method | | |
| 2 | Effect of Microwave Irradiation | International Materials Research | . XXIII August17- |
| | on Synthesis and | Congress. Unam- Mexico. | 212014 |
| | Characterization of ZnO | | |
| | Nanoparticles. | | |

14. Seminar / Conference / workshop / Attended:

| S.No. | Institution | Date & Year |
|-------|---|--|
| 1 | International Conference on Thin Films and Applications | March-15- |
| 1 | (ICTFA) - Sastra University, Thanjavur. | 17, 2012. |
| | State Level Conference on Emerging Trends In Materials | Jan.19-20, 2013 |
| 2 | Synthesis and Characterization (ETMSC) – Tiruchirappalli | |
| | One day National Seminar on "Role of Nuclear Energy for | 5 th February |
| | Sustainable Future Development and Environmental Safety" | 2016 |
| 3 | Sivagangai -RDM College,. | |
| 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 |

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

(Signature)