

CURRICULUM VITAE

Name : Dr.S. GEETHA
Designation : Assistant Professor
Qualification : M.Sc., M.Phil.,B.Ed., Ph.D.
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Teaching Experience : 10 Years



| S.No | Name of the Institution | Period of Service |
|------|---|---------------------------|
| 1. | RDB College of Arts and Science, Papanasam | 00.07. 2001 to 00.12.2002 |
| 2. | GACW(A), Pudukkottai. | 00.09.2005 to 00.04.2010, |
| 3. | GACW(A), Pudukkottai | 00.11.2012 to 00.03.2014 |
| 4. | J.J. College of Arts and Science (Autonomous) | 01.06.2018 to Till Date |

Publications

Research papers : 10
Citations / h – index / i 10 - index : Nil
Cumulative Impact Factor : 3.5405
Book (s) Published : Nil
Book Chapter : Nil

- Ultrasonic studies of Molecular interactions in aqueous and binary fertilizer solutions at 303K, **S. Geetha**, K. Renuka Devi*, S. Rathika and A. Gomathiyalini., International Journal of Recent Scientific Research, vol.5, issue 9, pp 1585-1588, September 2014.
- Study of Acoustical Parameters of Diammonium Phosphate Fertilizer Solution at Different Temperatures, K. Renuka Devi* and **S. Geetha**, International Journal of Science and Research, volume 3, Issue 9, 1231-1234, September 2014.
- Estimation of hydration number and its allied parameters of aqueous Diammonium phosphate solution by ultrasonic studies at different temperatures, K. Renuka Devi* and **S. Geetha**, J. Chem. Pharm. Res., 7(8):987-992, 2015.

- Solvation studies of aqueous Mono ammonium phosphate solution at different temperatures, K. Renuka Devi* and **S. Geetha**, Journal of Chemical and Pharmaceutical Sciences, Special Issue 11, 55-58, October 2015.
- Ultrasonic Analysis of Intermolecular Interaction Through Internal Pressure and Free Volume of Aqueous Fertilizer Solutions, K. Renuka Devi* and **S. Geetha**, International Journal of ChemTech Research, Vol.8, No. 11, 519-526, 2015.
- Thermodynamic study on anionic surfactant sodium dodecyl sulphate using ultrasonic method, A. Gomathiyalini, K. Renuka Devi*, S. Rathika and **S. Geetha**, International Journal of Scientific Research and Management, Vol.2, Issue 9, 1308-1315, 2014.
- Solvation studies on sodium dodecyl sulphate in aqueous solutions at different temperatures, A. Gomathiyalini, K. Renuka Devi*, S. Rathika and **S. Geetha**, IOSR Journal of Applied Physics, Vol.6, Issue 5 Ver 1, 63-67, (Sep-Oct) 2014.
- Ultrasonic studies on inorganic fertilizers S. Rathika, K. Renuka Devi*, **S. Geetha**, A. Gomathiyalini., International Journal of Scientific Research and Management, (IJSRM), Volume 2, Issue 8, Pages 1279-1283, 2014.
- Measurement of acoustical parameters of organic fertilizer urea at various temperatures, S. Rathika, K. Renuka Devi*, **S. Geetha**, A. Gomathiyalini., IOSR Journal of Applied Physics (IOSR-JAP), Volume 6, Issue 5 Ver. I, Pages 19-24, (Sep.-Oct. 2014).
- Molecular interionic interaction studies of kcl and k_2so_4 at 303K, **Geetha S**, Renuka Devi K, Rathika S., IJEDR | Volume 5, Issue 4, pages 1065-1070, December 2017.

Paper Presentation in Conference/Seminar/Workshop

| S.No. | Presented/ Participated | Date & Place | Topic |
|-------|----------------------------|---|--|
| 1 | Participated | 11 th February 2006, Government Arts College for Women, (A), Pudukkottai, Tamil Nadu, India. | Workshop on Curriculum Development And Evaluation Techniques |
| 2 | Participated | 18 th March 2009, Government Arts College for Women, (A), Pudukkottai, Tamil Nadu, India. | One Day Seminar on Recent Trends In Materials Science |
| 3 | Participated | 19 th March 2009, Government Arts College for Women, (A), Pudukkottai, Tamil Nadu. | Workshop on Quality Enhancement and Sustenance in Higher Education through Accreditation |
| 4 | Participated | 6 - 7 August 2013, Government Arts College for Women, (A), | National Conference on Perspectives in Materials Science (NCPMS – |

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|----|--------------|--|---|
| | | Pudukkottai, Tamil Nadu, India. | 2013) |
| 5 | Participated | 10 th October 2013, Government Arts College for Women, (A), Pudukkottai, Tamil Nadu, India. | Workshop on 3D Structure Determination of Small Molecules, |
| 6 | Presented | 7-9 August 2014, National College (Autonomous), Tiruchirappalli, TamilNadu, India. | National Seminar on Recent Trends in Crystal Growth & Nano Materials (NSCGNM 2014), |
| 7 | Presented | 23-24 January 2015, Annamalai University, Chidambaram, TamilNadu, India. | National Seminar on Recent Advances on Luminescent Materials (RALM-2015) |
| 8 | Presented | March3-4, 2015, A.V.V.M Sri Pushpam College (Autonomous), Poondi, Thanjavur Dt. Tamil Nadu, India. | National Conference on Recent Trends in Nano Materials and Thin Films Research (RTNMTR-2015) |
| 9 | Presented | 5-6 February 2015, Presidency College (Autonomous), Chennai, Tamil Nadu, India. | International Conference on Energy, Water and Environmental Science & Technology (ICEWEST – 2015) |
| 10 | Presented | 16-17, October 2015, Anna University, BIT Campus, Tiruchirappalli, Tamil Nadu, India. | International Conference on Recent Advancements in Materials ICRAM – 15 |
| 11 | Participated | 3,4 th February 2017, St.John's College, Palayamkottai, TamilNadu, India. | National Conference on Current Advancement in Physics |
| 12 | Participated | 22 nd January 2020, Auxilium College of Arts and Science, Pudukkottai | International Conference on Advanced Material and Nanotechnology (ICAMN-2020) |

Research Guidance

1 **Ph.D.** Guiding : Nil Completed : Nil

2 **M.Phil.** Guiding : Nil Completed :Nil

Awards and Achievements

Nil