

Dr T Kalimulla

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Lecturer in Physics , SVG M GOVT. DEGREE COLLEGE, KALYANDURG

Teaching experience: 11 Years

Qualification: M.Sc., B.Ed., Ph. D

Date of Initial Appointment: 10-09-2012

Date of Appointment in Present College: 31-08-2023

Experience

1. Government Degree College, Srisailam Project, Nandyal (Dist.) during 10-09-2012 to 21-05-2019.
2. Government Degree College, Atmakur, Nandyal (Dist.) during 19-07-2019 to 07-10-2020.
3. Government Degree College, Srisailam Project, Nandyal (Dist.) during 08-10-2020 to 04-02-2022.
4. Government Degree College, Nandikotkur, Nandyal (Dist.) during 05-02-2022 to 26-08-2023.
5. S.V.G.M. Govt. Degree College, Kalyandurg, from 31-08-2023 to till date.

External Work /Community Service

- Participated in community work through Voters Day rally, AIDS rally and Jnanabhoomi program.
- Participated in N.S.S. Program

Enrichment of Campus life

- Assistance given to the Head of the institution for smooth conduct of examinations.
- Participating in the activities like Campus beautification by undertaking plantation and their maintenance.

Courses Attended

No. of Workshops Attended: 02
No. of Seminars Attended: 02
No. of Conferences Attended: 05
No. of Webinars Attended: 02
No. of Webinars Organized: 01
No. of Research Papers Published: 13

University Level Role

1. Acted as Coordinator for UG Courses, Dr. B. R. Ambedkar Open University Study Centre, Srisailam Project during 2020-2022.
2. Attending Spot valuation and Practical examination work regularly.

TISS training programme:

Participated TISS training programme on "Youth Leadership and Peoples Skills" from 18-01-2016 to 22-01-2016, at Government Degree college (Autonomous), Rajahmundry, A.P.

Research Papers Published:

1. Thermodynamic and Acoustic Studies on various binary liquid mixtures. RASAYAN Journal of Chemistry. Rasayan J. Chem.12 (14), 1909 1918(2019).
2. Understanding the behavior of binary system contains N, N-Dimethyl Formamide and N- Methylaniline in terms of thermo-acoustic parameters at different temperatures. *Materials today Proceedings*, <https://doi.org/10.1016/j.matpr.2018.06.578>.
3. Comparative Study of Binary Liquid Mixtures Containing Aniline and Formamide at Different Temperatures. *Materials today Proceedings*, <https://doi.org/10.1016/j.matpr.2018.08.076>.
4. Ultrasonic Investigations In Binary Liquid Mixtures Of 2-Methylcyclohexanone With Formamide, N-Methylformamide And N, N-Dimethylformamide At Different Temperatures. Journal of Pharmaceutical Sciences and Research (JPSR) J. Pharm. Sci. & Res. 2019, 11(7), 2645-2655.
5. Excess Properties and partial molar volume of binary mixtures of Amides With O-chloroaniline. International Journal of Applied Engineering Research (IJAER) Vol. 14(19), 3787-3796, 2019.
6. Viscosity and Speed of Sound Studies of Binary Liquid Mixtures of Formamide with N, N-Dimethylaniline at Different Temperatures. *Asian Journal of chemistry*, 2018 30(9) 2008-2012.
7. Thermo-Acoustical and Molecular Interaction Studies in Binary Liquid Mixtures at Different Temperatures. *SSRG International Journal of Applied Physics (SSRG – IJAP) – Volume 5 Issue 3 Sep – Dec. 2018*
8. Speed of sound studies of the binary liquid mixtures of N-methyl formamide with aniline at different temperatures. *Materials today Proceedings*, <https://doi.org/10.1016/j.matpr.2018.08.073>
9. Intermolecular interactions studies of binary liquid mixtures of 2-Methylcyclohexanone with o-anisidine/m-anisidine/p-anisidine in terms of thermoacoustic parameters at different temperatures. Indian Journal of Pure and Applied Physics Vol.58, September 2020, pp.657-666.
10. Thermodynamic investigations in binary liquid mixtures of O-Toluidine with Amides at Atmospheric pressure. IJCRT, Vol. 9, issue 11, Nov-2021, ISSN 2320-2882.

11. Experimental and Theoretical studies of speed of sound in some liquid mixtures of 2MCH with O- Chloroaniline and O- Toluidine. IJAIR, Vol. 9 issue 3 (II) July-Sep-2022. ISSN 2394-7780.
12. Structural, Electrical and Magnetic behaviour of strontium substituted Samarium Cobaltite Nanoparticles. Neuro Quantology Dec-2022. Vol. 20, issue 13, page 3135-3142. Doi: 10.14704/nq.2022.20.13.NQ88389.
13. Thermoacoustic parameters of some liquid mixtures of O- Chloroaniline with F, NMF and N, N-DMF. IJFMR. Vol. 5, issue 2, March-April-2023. E-ISSN 2582-2160.

Papers Presented at Seminars/Conferences:

- Paper presented at International forum on Recent Trends in Physics, chemistry & Allied Sciences for Sustainable Development 2019 on 27-29 Sep-2019.
 - Attend the Workshop on “Fundamentals of Instrumental Analysis-Theory and Practical Training Programme on NMR&HPCL on 26 and 27 Sep -2019.
 - Paper presented at International conference ICSCTE-2018 on 26 and 27 Oct-2018.
 - Paper presented at International conference ICAST2018 on 29 and 30 Jan-2018.
 - Paper presented at National seminar PCNCM2017 on 21 & 22 Oct-2017.
 - Poster presented at National seminar on 1 & 2 Dec-2017.
 - Poster presented at International conference Delhi on 8 & 9 Dec-2017.
 - Poster presented at KL University on 22 & 23 Dec-2017.
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- Attended the Four days Work shop on “Research Methodology” held from 08-07-2014 to 11-07-2014. Organized by KL University.
 - Participated in National Conference on “Emerging Nonmaterial’s” held during 21, 22 March 2014. Organised by Dept. of Physics, Srikrishnadevaraya University, Anantapuram.
 - Participated in one day state level seminar on “National Integration: The Role of Hindi” held on 29-01-2013 at Government Degree College, Srisailem Project.
 - Participated in National seminar on “Reforms in Examination system at UG level” at Government Degree College, Srisailem Project. On 19th and 20th of July 2013.
 - Participated in “Training course for operators of high intensity irradiators for health care products” training course organized by Indian Association for Radiation Protection (IARP). Bhabha Atomic Research Centre. On 21-04-2008.