



KammavariSangham(R)1952,K.S.GroupofInstitutions
K.S.SCHOOL OF ENGINEERING & MANAGEMENT

No.15,Mallasandra,off.KanakapuraRoad,Bengaluru-560109
Affiliated to VTU, Belagavi & Approved by AICTE, New Delhi, **Accredited by NAAC**

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| Faculty Name | Dr. Anitha R |
| Designation | Assistant Professor |
| DOB | 01/06/1978 |
| DOJ | 22/12/2021 |
| Educational Qualification | M.Sc., M.Phil., Ph.D. |



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| Experience in Years | Experience in KSSEM : 1 Year Experience in Teaching :16 Years 4 months Experience in Industry : Nil Total Experience :16 Years 4 months |
| Subject Handled | Engineering Chemistry theory Engineering Chemistry lab Environmental studies Organic Chemistry (B.Sc.) Biochemistry (B.Sc.) Chemistry (PU) |
| Subject Handling | Engineering Chemistry theory Engineering Chemistry lab Environmental studies |
| Areas of Interest | Nanoscience |

EDUCATIONAL DETAILS:-

| Examination/Degree | College/University | Year of Passing |
|--------------------|---|-----------------|
| UG | AVK College, Hassan, Mysore University. | 1999 |
| PG | Manasagangothri, Mysore University. | 2003 |
| M.Phil. | Bharathidasan University | 2006 |
| PhD | Bharathiar University. | 2022 |

PUBLICATIONS:-

Journal Publications:

| SL. NO. | JOURNAL |
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| 1. | Journal: (Scopus Indexed Journal) International Journal of Advanced Science and technology. Impact Factor:0.48 Article: Synthesis, Characterization of CeO ₂ nanoparticles via Eco-friendly green |

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| | <p>combustion technique and its antimicrobial, anticancer activities. ISSN number: 2005-4238 Link:http://serisc.org/journals/index.php/IJAST/article/view/428</p> |
| 2. | <p>Journal: (Elsevier Journal)Journal of Science: Advanced material & Devices. Impact Factor:5.469 Article:Cytotoxicity, antibacterial and antifungal activities of ZnO nanoparticles prepared by the <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method. ISSN number: 2468-2179 Link: https://doi.org/10.1016/j.jsamd.2018.11.001</p> |
| 3. | <p>Journal:(UGC recognized Journal)International Journal of Scientific Research & Review. Impact Factor:SIJF Impact:6.946 ISI Impact: 1.536 Article:Synthesis of hybrid ZnO@Ag core shell nanospheres and its antibacterial applications. ISSN number:2279-543X Link:http://dynamicpublisher.org/ICTTSTM-2018/ DOI:16.10089.IJSRR.2018.V7I06.5245.2404</p> |
| 4. | <p>Journal:(UGC recognized Journal)International Journal of Pharma and Bio Sciences. Impact Factor:Scientific Journal Impact: 7.446 RG Journal Impact: 0.36 Article:Anti-microbial activity of ZnO nanoparticles, Synthesis using <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method. ISSN number:0975-6299 Link:http://dx.doi.org/10.22376/ijpbs.2017.8.4.b90-97</p> |
| 5. | <p>Journal: (UGC recognized Journal)International Journal of Pharma and Bio Sciences. Impact Factor:Scientific Journal Impact: 7.446 RG Journal Impact: 0.36 Article:Photocatalytic activity of CeO₂ nanoparticles, synthesis using <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method. ISSN number:0975-6299 Link:http://dx.doi.org/10.22376/ijpbs.2017.8.2.b933-936</p> |
| Conference Papers: | |
| SL. NO. | CONFERENCE |
| 1. | <p>International Conference: Green technology, agriculture information technology, business management & social sciences, Centurion University, Odisha. Article: Phase transition, molecular polarizability and histogram equalization studies on two liquid crystals of same terminal group and different linking and end chains.</p> |
| 2. | <p>International Conference: “Frontiers in Engg., Management & Science”- APSCE, Bangalore. Article: Antibacterial and antifungal activities of Ag nanoparticles prepared by <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method.</p> |
| 3. | <p>International Conference:“Accelerating innovations in material science”- BMSIT, Bangalore. Article: Antibacterial and antifungal activities of Ag nanoparticles prepared by <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method.</p> |
| 4. | <p>International Conference:“Topical Transcends in Science, Technology & Management”- SVIT, Bangalore. Article: Synthesis of hybrid ZnO@Ag core shell nanospheres and its antibacterial applications.</p> |

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| 5. | National Conference: “Recent Advances in Materials”- APSCE, Bangalore. Article: Photocatalytic activity of ZnO nanoparticles, synthesis using <i>Artocarpus gomezianus</i> fruit mediated facile green combustion method. |
| 6. | National Conference: “Advanced Functional Materials”- DSATM, Bangalore. Article: Green synthesis of ZnO nanoparticles, Characterization and its Anti microbial activities. |
| 7. | National Conference: “Emerging Trends in Nano Applications”- BMSIT, Bangalore. Article: Eco-friendly spherical ZnO nanoparticles and its Antimicrobial activities. |
| 8. | National Conference: “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. Article: Studies in the enzyme alkaline phosphatase from <i>Bacillus subtilis</i> . |
| 9. | National Conference: “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. Article: Studies in the enzyme alkaline phosphatase from <i>Physcia orbicularis</i> . |
| 10. | National Conference: “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. Article: Biochemical studies in leaves and galls of <i>Ficus glomerata</i> , Roxb. By <i>Pauropsylla depressa</i> , Crwf. |
| 11. | National Conference: “The Indian Science Congress Association”- Acharya N.G. Ranga Agricultural University, Hyderabad. Article: Molecular Biological studies in leaves and galls of <i>Ficus glomerata</i> , Roxb. By <i>Pauropsylla depressa</i> , Crwf. |

AWARDS: -

PROFESSIONAL MEMBERSHIP: -

Institute for Engineering Research and Publication (IFERP)

IAAC

CONTACT DETAILS: -

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