


Sri Sai Ram Engineering College
Department Of Humanities And Sciences

| | |
|--|--|
| <p><i>Name : Dr.K.SUBA</i></p> |  |
| <p><i>Designation :</i></p> | <p><i>Assistant Professor</i></p> |
| <p><i>Qualification :</i></p> | <p><i>M.Sc., M.Phil., Ph.D.</i></p> |
| <p><i>Area of Specialization :</i></p> | <p><i>Material Science</i></p> |
| <p><i>Experience :</i></p> | <p><i>Teaching: UG : 16 years and 2 months</i> <i>PG : yrs</i></p> <p><i>Industry : NIL</i></p> |
| <p><i>No. of Workshop / Conferences / FDP attended</i></p> | <p><i>Workshop – 6 / Conferences – 9 / FDP - 8</i></p> |
| <p><i>Publications :</i></p> | <p><i>Journals</i></p> <p style="padding-left: 40px;"><i>National : 1</i></p> <p style="padding-left: 40px;"><i>International : 4</i></p> |
| | <p><i>Conferences</i></p> <p style="padding-left: 40px;"><i>National : 1</i></p> <p style="padding-left: 40px;"><i>International : 1</i></p> |
| <p><i>Research Guidance :</i></p> | <p><i>Biogenic synthesis of silver Nano particle and their potential application</i></p> |
| <p><i>General :</i></p> | <p style="text-align: center;">-</p> |
| <p><i>Staff Achievements:</i></p> | <p style="text-align: center;">-</p> |

Educational Qualification:

| Category | Name of the Degree | Specialization | Year of Passing | Name of the College | Name of the University | % of Marks / Grades obtained | Class obtained |
|----------|--------------------|-------------------|-----------------|---|--------------------------|------------------------------|--------------------------------------|
| UG | B.Sc | General Chemistry | 2001 | M.R.G .Arts college ,Mann argudi | Bharathidasan University | 68.9% | I |
| PG | | General Chemistry | 2003 | T.U.K.Arts and Science College, Thanjavur | Bharathidasan University | 72.6% | I |
| | M.Phil. | Organic Chemistry | 2005 | Bharathidasan University | Bharathidasan University | 82.1% | 1 st Class Distinction |
| Ph.D. | Ph.D. | Material Science | 2020 | | Bharathiar University | Commendable | |

Academic Experience:

| Name of the College | Designation | Joining Date | Relieving Date | Experience | | |
|---|---------------------|--------------|----------------|------------|--------|------|
| | | | | Years | Months | Days |
| Periyar E.V.R Arts and Science College, Trichy. | Lecturer | 19.09.2003 | 02.09.2005 | 2 | 2 | |
| KCG College of technology, Chennai. | Assistant Professor | 16.08.2007 | 19.09.2023 | 16 | | |
| Sri Sairam Engineering College | Assistant Professor | 21.09.2023 | Till date | | | 16 |
| <i>Total</i> | | | | 18 | 2 | 16 |

PUBLICATIONS

Journals:

- ⊞ *Synthesis, Characterisation and Antibacterial activities of Schiff base [New fuchsin] functionalised silver nanoparticles S Kannaiyan, A Easwaramoorthi International Journal of PharmTech Research 8 (5), 54-60.*

- ⊞ *Biogenic synthesized silver colloid for colorimetric sensing of dichromate ion and antidiabetic studies S Kannaiyan, A Gopal Research on Chemical Intermediates 43 (5), 2693-2706.*
 - ⊞ *CORROSION INHIBITION USING NANOMATERIALS - AN OVERVIEW EAG Suba Kannaiyan International Journal of Scientific Research and Modern Education.*
 - ⊞ *Green synthesis of Phenothiazinium Schiff base and its Nano Silver complex using egg white as a catalyst under solvent free condition VA Suba Kannaiyana, Easwaramoorthy, Karthik Kannan Materials Today: Proceedings 55 (PART 2, 2022), 267-273*
 - ⊞ *Synthesis, Characterisation, and Antimicrobial Efficacy of Acid Fuchsin Schiff Base-Modified Silver Nanoparticles S Kannaiyan, K Kannan, V Andal Nanotechnologies in Russia 15 (11), 828-836.*
 - ⊞ *Plant-Derived Nanoparticles for Heavy Metal Remediation- Book Chapter V Andal, K Kannan, V Selvaraj, K Suba Phytonanotechnology, 59-76.*
- Pisonia Alba Assisted Synthesis of Nanosilver for Wound Healing Activity S Kannaiyan, D Easwaramoorthi, K Kannan, A Gopal, R Lakshmiathy, ... Bioinorganic Chemistry and Applications 2022*

Conferences/Seminars/Webinars: NIL

ONLINE CERTIFICATION COURSES

| Offered By | Name of the Online Course | Total Duration in Hrs | Registration Number |
|---|---|-----------------------|---------------------|
| Coursera , Isreal Institute of Technology | Nanotechnology and Nanosensors, Part1 | 8 weeks | V83B3KRHWH3J |
| Coursera, The University of Manchester | Introduction to Molecular Spectroscopy | 8 weeks | SF2VQUY2SBG8 |
| Coursera, Yale | Introduction to Climate Change and Health | 4 weeks | 76U498EQXEEJ |

| | | | |
|--|--|----------------|---------------------|
| Coursera, UC DAVIS | Materials Science: 10 Things Every Engineer Should Know | 4 weeks | JBBATGDM7U4M |
| Coursera, MEPHI | Methods of Surface Analysis | 4 weeks | P7L8W5MXMA9N |
| Coursera, Georgia Institute of Technology | Material Processing | 4 weeks | YWZ39QXCH836 |
| Coursera, American Museum of Natural History | Our Earth's Future | 4 weeks | V83B3KRHWH3J |
| Coursera, University of Copenhagen | Air Pollution – a Global Threat to our Health | 4 weeks | 8HJRXZ6WURRF |
| Coursera, Pohang University of Science and Technology | Ferrous Technology I | 4 weeks | ZM7NCGZJ5VUU |
| Coursera, Pohang University of Science and Technology | Ferrous Technology II | 4 weeks | GTG7RNGF85G4 |
| | | | |

Workshops: NIL

FDP:

| | | | |
|---|------------------------------|----------------------------|------------------|
| <i>Advance Material for Energy Applications</i> | <i>Sathyabama University</i> | <i>9.10.22 to 13.10.23</i> | <i>5days FDP</i> |
|---|------------------------------|----------------------------|------------------|