

## RESUME

**S.SULOCHANA, M.Sc.,B.Ed, M.Phil, PhD**

Chemistry Department

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### OBJECTIVE

Seeking for a challenging career in the Teaching Profession where knowledge can be shared and enriched with my strong problem solving and analytical skills to attain the organization goals.

### EDUCATIONAL QUALIFICATION

| Course                      | Name of the Institution                                   | Board/University                       | Year of passing |
|-----------------------------|---|--|-----------------|
| PhD<br>(Registered in 2018) | Periyar EVR College,<br>Trichy.                           | Bharathidasan University               | On Going        |
| M.Phil.,                    | G.T.N Arts College,<br>Dindigul.                          | Madurai Kamaraj<br>University, Madurai | 2017            |
| M.Sc.,                      | G.T.N Arts College,<br>Dindigul.                          | Madurai Kamaraj<br>University, Madurai | 2016            |
| B.Ed.,                      | K.Nanjappa Gounder<br>College of Education,<br>Dindigul.  | Madurai Kamaraj<br>University, Madurai | 2008            |
| B.Sc.,                      | M.V.M Arts College,<br>Dindigul                           | Madurai Kamaraj<br>University, Madurai | 2003            |
| H.Sc.,                      | St.Joseph's Girls Higher<br>Secondary School,<br>Dindigul | State Board                            | 2000            |
| S.S.L.C                     | St.Joseph's Girls Higher<br>Secondary School,<br>Dindigul | State Board                            | 1998            |

## **Experience Profile**

| <b>Post</b>         | <b>Name of the Institution</b>                       | <b>No. of. Years</b>  |
|---------------------|--|-----------------------|
| Teacher             | Seventh Day Adventist Matric Higher Secondary School | 2009 - 2013 (4 Years) |
| Assistant Professor | St.Antony's College of Arts and Science for Women    | 2017 - 2019           |
| Assistant Professor | G.T.N .Arts College                                  | 2019-Till Date        |

### **PAPER PRESENTED IN THE CONFERENCE**

- ❖ Presented a paper in the International conference on “Chemical and Environment Research (ICCER 2015) held on 17<sup>th</sup> December 2015 at Jamal Mohamed College, Trichy .
- ❖ Participated a research paper in the International seminar on Nano Science and Technology (ISNST 2016) held on September 20, 2016 at Mother Teresa Women's University, Kodaikanal.
- ❖ Participated in the International seminar on Research Methodology (ISRM 2016) held on 5<sup>th</sup> October 2016 at Asan college of Arts and science, Karur.
- ❖ Presented a paper in the international conference on “New perspective in science and Technology” (INPST 2017) held on 11<sup>th</sup> October 2017 at St. Antony's college of Arts and science for women, Dindigul.
- ❖ Presented a paper in the UGC sponsored one day national level seminar on “Recent advance in Chemistry” (RAC 2015) held on 18<sup>th</sup> March 2015 at G.T.N Arts college, Dindigul.
- ❖ Presented a paper in the National conference on “Botanicals and phytochemicals” held on 4<sup>th</sup> February 2016 at Rev. Jacob Memorial Christian college, Ambilikkai.

- ❖ State level one day workshop on “Quality Enhancement in the Thesis writing” using Latex, held on 22<sup>nd</sup> February 2016 at G.T.N Arts College, Dindigul.
- ❖ Presented a paper in the National conference on “New perspective in Science and Technology” (NPST 2016) held on 7<sup>th</sup> October 2016 at St. Antony’s college of Arts and science for women, Dindigul.
- ❖ Presented a paper in the National level seminar on “Cutting Edge Technologies in Medical Chemistry” held on 30<sup>th</sup> January 2017 at Sakthi College of arts and science for women, Dindigul.
- ❖ Presented a paper in the International Conference on Chemistry and Environment Research (ICCER 2018) held on 19<sup>th</sup> December 2018 at Jamal Mohamed College, Trichy.
- ❖ Participated in the International Web Conference on Advanced Materials (IWCAM 2019) held on 28<sup>th</sup> February 2019 to 1<sup>st</sup> March 2019 at St. Antony’s College, Trichy.
- ❖ Presented a paper in the International Conference on “Emerging Trends in Chemical Science” (ICETCS 2019) held on 6<sup>th</sup> September 2019 at Arulmigu Palaniandavar Arts College for women, Palani.
- ❖ Presented a paper in the National Conference on “Recent Development in Chemistry” (NCRDC 2018) held on 20<sup>th</sup> January 2018, Jamal Mohamed College, Trichy.
- ❖ Presented a paper in the National level Technical Symposiyum(TREST-2018)’’ held on 16<sup>th</sup> March 2018, at RVS educational trust’s group of institutions RVS School of Engineering and Technology, Dindigul.
- ❖ Presented a paper in the two days National seminar on “Water Quality and Treatment” (WQT 2018) on 22<sup>nd</sup> and 23<sup>rd</sup> March 2018, at Madurai Kamaraj University, Madurai.
- ❖ Presented a paper in the two days National conference on “Recent Innovations in Phytochemistry” (RIPC 2019) held on 21<sup>st</sup> and 22<sup>nd</sup> August, 2019 at J.J College of arts and science, Pudukkotai.
- ❖ Presented a paper in the International conference on “Chemical and Environment Research” (ICCER 2020) held on 8<sup>th</sup> January 2020 at Jamal Mohamed College, Trichy.

- ❖ Participated in the International Conference on Recent Innovation in Nano Science and Technology (ICRINT 2020) held on 25<sup>th</sup> January 2020 at Arulmigu Palaniandavar Arts and Science College of women, Palani.
- ❖ Presented a paper in the International seminar on “Emerging trends in chemistry and energy science” held on 7<sup>th</sup> February 2020 at Saraswathi Narayanan College, Madurai.
- ❖ Presented a paper in the Two days International Conference on Frontiers in Chemical and Material Science (ICFCMS 2020) held on 24<sup>th</sup> – 25<sup>th</sup> February 2020 at the Gandhigram Rural Institution, Gandhigram.
- ❖ Presented a paper in the state level seminar on “Emerging Trends in Chemical Science” (ETCS 2019) held on 18<sup>th</sup> October 2019 at G.T.N Arts College, Dindigul.
- ❖ Participated in the one day National level workshop on “Art of writing research paper and published in high reputed Journals” held on 4<sup>th</sup> November 2019 at G.T.N Arts College, Dindigul.
- ❖ Participated in the two days National level seminar on “Recent Trends in Chemistry – chemical spectroscopy, Environment energy conservation” (RTC 2020) held on 23<sup>rd</sup> and 24<sup>th</sup> January 2020 at Arulmigu Palaniandavar College of Arts and Culture, Palani.
- ❖ Presented a paper in the National conference on “Emerging Trends in Chemical Science 2020” (ETCS 2020) held on 12<sup>th</sup> March 2020 at Sacred Heart College of Arts and Science, Dindigul.
- ❖ Participated in the National seminar on “Interdisciplinary Approach for Innovation and Invention in Plant Science Research (IA11PSR 2021) held on 12<sup>th</sup> March 2021 at G.T.N Arts College, Dindigul.
- ❖ Presented a Poster in the International conference on “Materials Science for Sustainable Environment “(ICMSSE -2022) held on 23<sup>rd</sup> and 24<sup>th</sup> August 2022 at Holy Cross College, Tiruchirappalli.
- ❖ Presented a paper in the International Conference on “Innovations in Chemical and Environmental Research” (ICICER-2022) held on 25<sup>th</sup> May 2022 at Jamal Mohamed College, Tiruchirappalli.
- ❖ Presented a paper in the International Seminar on “Recent Trends In Science &Technology”(RTIST -2022) held on 19<sup>th</sup> October 2022 at St.Antony’s College of Arts and Sciences for Women, Dindigul.

## WEBINARS

1. Participated in the National Webinar on “Energy, Energy Everywhere, How to harness it?” held on 21<sup>st</sup> May 2020 at V.O.Chidambaram College, Thoothukudi.
2. Participated in the webinar on “Key Issues in Research Methodology” held on 3<sup>rd</sup> June 2020 at G.T.N.Arts College, Dindigul.
3. Participated in the International webinar on “Recent Advances in Materials Science and Nanotechnology” held on 4-6<sup>th</sup> June 2020 at Bannari Amman Institute of Technology, Erode.
4. Participated in the National webinar on “Academic Writing And Research Methodology” held on 5<sup>th</sup> June 2020 at Tara Government College Sangareddy, Telangana , India.
5. Participated in the webinar on “Academic Wellness of Women-WOW Moments” held on 14<sup>th</sup> July 2020 at G.T.N.Arts College, Dindigul.
6. Participated in the Five Days International online Faculty Development Programme on “Recent Advanced Research in Chemistry” held on 15<sup>th</sup> to 19<sup>th</sup> July 2020 at C.Abdul Hakeem Ranipet District, Tamilnadu , India.
7. Participated in the Webinar on “Role of IQAC in Maintaining Quality Standards in Higher Education” held on 11<sup>th</sup> June 2020 at Government Arts College for Women, Nilakottai, Dindigul.
8. Participated in the National webinar on “Interdisciplinary Approach for Innovation and Invention in Plant Science Research” (IAIIPSR’21) held on 12<sup>th</sup> March 2021 at G.T.N.Arts College, Dindigul.
9. Participated in the “One Day Faculty Enrichment Programme on Emerging Fields in Chemical Sciences” held on 22<sup>th</sup> March 2021 at Vivekananda College, Tiruvedakam, Madurai.
10. Participated in the “International Virtual Seminar on Advances in Chemical Sciences, ACS-21” held on 8<sup>th</sup> March 2021 at Vivekananda College of Arts and Sciences for Women at Tiruchengode, Namakkal.
11. Participated in One Day Online National Workshop entitled “ICT Tools For Chemistry Teachers” held on 22<sup>nd</sup> February 2021 at Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, Delhi.

12. Participated in the “Understanding of Nonlinear Dynamics in Natural and Engineering Events” held on 6<sup>th</sup> June 2020 at PSNA College of Engineering and Technology, Dindigul.
13. Participated in the FACULTY DEVELOPMENT PROGRAM ON “Scientific paper writing for newbies: Nuances, tools and techniques” held on 19<sup>th</sup> June 2021 at GURU NANAK CENTRE FOR RESEARCH(GNCR), Chennai.
14. Participated in the FACULTY DEVELOPMENT PROGRAM ON “Advanced Manufacturing Technology” held on 15<sup>th</sup> June 2021 to 19<sup>th</sup> June 2021 at Karpagam College of Engineering, Coimbatore.
15. Participated the Webinar on “Solar cells-an overview” held on 09<sup>th</sup> June 2021 at JP College of Arts and Science, Ayikudi, Tenkasi.
16. Participated in the National Webinar on “Recent Developments for Chemistry Teachers” held on 05<sup>th</sup> June 2021 at Karunya Deemed University, Coimbatore.
17. Participated in the National Webinar on “Role of Homoeopathy in Management of Covid-19” held on 26<sup>th</sup> June 2021, Parvathy’s Arts and Science College, Dindigul.
18. Participated in the International Webinar on “Synthetic Methods of Nano particles and their interesting properties” held on 04<sup>th</sup> August 2021 at MGVC Arts, Commerce and Science College, Muddebihal.
19. Participated in the National Webinar on “Climate Smart Benefits of Bamboo to protect the environment” held on 05<sup>th</sup> June 2021 at GURU NANAK COLLEGE, Chennai.
20. Participated in the National Webinar on “The Impact of Covid-19 Pandemic Crisis on Higher Education Institutions in Karnataka and its Challenges (ICPCHEIKC-2021)” held on 20<sup>th</sup> July 2021 at Shri Prabhu Arts, Sciences and J.M.Bohra Commerce Degree College, Shorapur, Karnataka.

## **PATENT**

**“DESIGN OF SOLAR THERMAL POWER INTEGRATION SYSTEMS TO INCREASE THE EFFICIENCY OF UTILISATION OF RENEWABLE ENERGY RESOURCES IN HOUSING UNITS”**

**PATENT NUMBER:** 202211035079

## **Paper Published:**

**1. Paper Name:** Inhibition of Corrosion of Carbon Steel in Well Water by Enicostemma Litorale- Zn<sup>2+</sup>System.

**Journal Name:** The International Journal Of Analytical and Experiment Modal Analysis (IJAEMA)

**ISSN NO:** 0886-9367, Volume XIII, Issue III, March/2021.

**2. Paper Name:** Corrosion Inhibition by usage of Iso Leucine as inhibitor on Mild Steel, Analysed by Experimental and Theoretical Methods.

**Journal Name:** Indian journal of Natural Sciences (IJONS).

**ISSN NO:** 0976-0997, Vol.1.2/Issue 66/June/2021.

**3. Paper Name:** Effect of Aluminium, Magnesium Doping on Magnetic nature of Zinc Oxide Nanoparticles studied by X-Ray Diffraction method.

**Journal Name:** **Oriental Journal of Chemistry (JOC)**

**ISSN NO:** 0970/020X 2022, Vol.38, No. (3): page. 615-620.

**NUMBER OF WORKSHOP PROGRAMME ATTENDED - 01**

## **FIELD OF SPECIALIZATION**

- ❖ Inorganic Chemistry.
- ❖ Physical Chemistry.
- ❖ Environmental Chemistry.

## **Technical Qualification**

- PGDCA

## **PERSONAL DETAILS**

|                   |   |  |
|-------------------|---|--|
| Name              | : | S.SULOCHANA  |
| Husband Name      | : | S.Papanasam  |
| Date of Birth     | : | 18.01.1983   |
| Gender            | : | Female   |
| Marital Status    | : | Married  |
| Nationality       | : | Indian   |
| Known Language    | : | English, Tamil   |
| Permanent Address | : | D/o. N.Suriyan,<br>Erandalaiparai<br>Reddiyapatti-Post-624 003.<br>Dindigul. |
| Cell No           | : | 94868 90081, 98945 40781   |

## **DECLARATION**

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Signature

Date :

Place : Dindigul

**(S.SULOCHANA)**