

| Volume XVIII | NEWSLETTER | April 2024 |
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| | (For private circulation only) | |

Dear Readers,

With the blessings of the Holy Trinity Sri Ramakrishna Paramahamsa, Sri Sarada Devi and Swami Vivekananda, we bring out this Newsletter. Our humble Pranams to our revered Directress Yatiswari Vinayakapriya Amba and revered Secretary Yatiswari Guhapriya Amba. Our salutations to our esteemed Principal Dr. (Tmt.) R. Uma Rani, M.C.A., M.Phil., Ph.D. and to our respected Controller of Examinations Dr. (Tmt.) G. Vasuki, M.Sc., M.Phil., Ph.D.

CURRICULUM ENRICHMENT

Board of Studies Meeting

Date: 02.11.2023 & 23.04.2024

Members:

| | Board of Studies Meeting on 02.11.2023 | | | | |
|--|---|---|--|--|--|
| Chairman | Subject Expert 1 | Subject Expert 2 | Geo Tagged Photos | | |
| Dr.(Mrs.) S. Sankari, Associate Professor & Head, PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous), Salem – 636 016. | Dr. A. Rose Venis, Associate Professor of Chemistry, St. Joseph's College (Autonomous), Tiruchirappalli – 620002. Mobile No. 9443115762 | Dr. R. Saratha, Professor, Department of Chemistry, Avinashilingam Institute for Home Science and Higher Education for Women, Saibaba Colony, Coimbatore -641043 Mobile No. 9487949104 | A more to the second se | | |
| University Nominee Dr. M. Sekar, Associate Professor & Head, Department of Chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts & Science, Periyanaikanpalayam, Coimbatore-641 020. Mobile No. 9843816692 | Industrialist Mr.N.S.Venkataraman, Director, Nandini Consultancy Centre, Chief Editor, Nandini Chemical Journal, M 60/1, 4 th Cross Street, Besant Nagar, Chennai-600 090. Mobile No. 9840414126 | PG Alumna Dr. M. Malarvizhi, Assistant Professor & Head, Department of Chemistry, Sri GVG Visalakshi College for Women, Palani Road, Udumalaipettai - 642128 Mobile No. 9943081062 | | | |
| | | | | | |

| Board of Studies Meeting on 23.04.2024 | | | | | |
|--|---|---|-------------------|--|--|
| Chairman | Subject Expert 1 | Subject Expert 2 | Geo Tagged Photos | | |
| Dr.(Mrs.) S. Sankari, Associate Professor & Head, PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous), Salem – 16. | Dr. A. Subashini, M.Sc., M.Phil., Ph.D. Associate Professor, PG & Research Department of Chemistry, Seethalakshmi Ramaswami College (Autonomous), Tiruchirapalli- 620 002. 9514809160 | Dr. S. Thamarai Selvi, M.Sc., Ph.D. Associate Professor, Department of Chemistry, Government Arts College (Autonomous), Coimbatore-641 018. 9626163405 | | | |
| University Nominee | Industrialist | PG Alumna | | | |
| Dr. E. Kayalvizhy, M.Sc., M.Phil., Ph.D. Associate Professor, Department of Chemistry, PSGR Krishnammal College for Women, (Autonomous) Coimbatore- 641 004. 9443717470 | Er. N. Senthil Kumar, COO & Partner, Global Lab and Consultancy Services, SF No. 92/3A2, Geetha Nagar, Alagapuram Pudur Salem -636 016. 7094452626 | Dr. S. Shreedevi, M.Sc., M.Phil., Ph.D. Associate Professor, Department of Chemistry, Arignar Anna Government Arts College, Cheyyar, Tiruvannamalai Dt – 604 407 9842627287 | | | |

| Student Member (B.Sc.) | Student Member (M.Sc.) |
|-------------------------------------|------------------------|
| Mrs. T. Sivaranjani, | Ms. V. Nithya Shree, |
| III B.Sc. Chemistry | II M.Sc. Chemistry |
| & Other Faculty Members of the Depa | rtment |

Courses Modified with Percentage:

| Semester | Name of the Course | Percentage of Modification | Year of Implementation |
|----------|---|-------------------------------|---------------------------|
| | UG | | |
| | SEMESTER – I | | |
| Ι | Core Course – I: General Chemistry-I | 15 | 2023-24 |
| Ι | Core Course –II: Core Practical- I: Quantitative Inorganic Estimation (Titrimetry) and Inorganic Preparations | 15 | 2023-24 |
| Ι | Skill Enhancement Course (NME-I): Food Chemistry | 20 | 2023-24 |
| Ι | Skill Enhancement (Foundation Course): Foundation Chemistry | 100 | 2023-24 |
| Ι | Generic Elective - I: Chemistry-I (For Physics) | 50 | 2023-24 |
| Ι | I Generic Elective - I: Chemistry-I (For Home Science) | | 2023-24 |
| Ι | Generic Elective - I: Chemistry Practical -I (Physics /Home Science) | 20 | 2023-24 |
| | Total | 270/700 = 38.57 | /% |

| | SEMESTER – II | | |
|----|---|------------------|----------|
| II | Core Course – III: General Chemistry-II | 20 | 2023-24 |
| II | Core Course – IV: Core Practical- II: Qualitative Organic Analysis and Preparation of Organic Compounds | 30 | 2023-24 |
| II | Skill Enhancement Course-II (NME): Dairy Chemistry | 40 | 2023-24 |
| II | Skill Enhancement Course-III (Indian Knowledge System): Inherited Knowledge in Cosmetic Chemistry | 100 | 2023-24 |
| | Total | 190/400 = 47.50% | ó |
| | PG | | |
| | SEMESTER – I | | |
| Ι | Core Course – I: Organic Reaction Mechanism-I | 15 | 2023-24 |
| Ι | Core Course – II: Structure and Bonding in Inorganic Compounds | 40 | 2023-24 |
| Ι | Core Course – II: Core practical –I Organic Chemistry Practical | 10 | 2023-24 |
| Ι | Elective – I: Nanomaterials and Nanotechnology | 100 | 2023-24 |
| Ι | Elective – I: Pharmaceutical Chemistry | 100 | 2023-24 |
| Ι | Elective – II: Molecular Spectroscopy | 15 | 2023-24 |
| Ι | Elective – II: Electrochemistry | 60 | |
| | Total | 370/700 = 52.85% | <u>ó</u> |
| | SEMESTER – II | | |
| II | Core Course–IV: Organic Reaction Mechanism-II | 30 | 2023-24 |
| II | Core Course –V: Physical Chemistry-I | 15 | 2023-24 |
| II | Core Course –VI: Core practical-II – Inorganic Chemistry Practical | 25 | 2023-24 |
| II | Elective – III: Cheminformatics | 20 | 2023-24 |
| II | Elective – III: Green Chemistry | 20 | 2023-24 |
| II | Elective –IV: Bioinorganic Chemistry | 60 | 2023-24 |
| II | Elective –IV: Material Science | 60 | 2023-24 |
| II | Extra Disciplinary Course: Therapeutical Chemistry | 0 | 2023-24 |
| | Total | 230/800 = 28.75% | 6 |

Internal Academic Audit

| Date | Internal Audit Members | Geo Tagged Photo |
|------------|--|------------------|
| 22.04.2024 | Dr. J. Sathya, Associate Professor, PG & Research Department of Economics & Dr. G. Divya Bharathi, Assistant Professor, Department of Botany | |

Outreach Programme / Activity

| S. No. | Date | Name of the Activity | No. of Beneficiaries | Geo Tagged Photo |
|-----------|------------|---|-------------------------|--|
| 1. | 19.12.2023 | NSS Special Camp – Hands-on Training on the Techniques for Preparing Homemade Products | 200 | Salem, Tamil Nadu, India W3F4437, Kolapath, Salem, Tamil Nadu 638030, India Lat 11.607819 Long 78.073359 ² 2003/23 09:57 AM Gulf +05:30 |
| 2. | 21.10.2023 | Exposure Visit to AICTE IDEA lab | 21 | And |

FDP / Webinars/ Seminars/ Conferences/ Symposium Organised

| Date | Title of the Programme | Topic & Name(s) of the Guest Speaker(s) | No. of Benefi ciaries | Level | Geo Tagged Photo |
|--------------------------------|---|---|-----------------------------|---------|------------------|
| 09.10.2023 to 13.10.2023 | 5 days short term Entrepreneurial Skill Development Programme on 'Simple Chemical Products Making' | Mr.Azzuhoor Cegu Isadeen, Trainer, Khadi & Village Industries Commission (KVIC), Ministry of MSME, Government of India, Chennai. | 29 | College | |
| 20.12.2023 | Instrumental Methods of Analysis IMA - 2023 | Dr. E. Rajkumar, Secretary, ICS – TN Branch, Assistant Professor of Chemistry, Madras Cristian College, Chennai, Tamil Nadu Dr. P. Kalimuthu, Executive Committee Member, ICS – TN Branch, Assistant Professor of Chemistry, Gandhigram Rural Institute (Deemed to be University), Dindigul, | 207 | State | |

| | | Tamil Nadu. 3. Dr. E. Sukumar, Vice-Chairman, ICS – TN Branch, Ex Dean (Research – Health Sciences) Saveetha Deemed University, Chennai, Tamil Nadu | | | |
|---------------------------------|--|---|-----|----------------|--|
| 13.02.2024 | Guest Lecture on Entrepreneurship Avenues for Young Minds | Dr. N. Somanathan Senior Principal Scientist (Deputy Director) and Head (Retd.), Polymer Science and Technology Lab, Central Leather Research Institute, Chennai-20 | 74 | Departm ent | |
| 11.03.2024 to 14.03.2024. | CSIR Sponsored Four day National level Seminar on The Power of Stem: Solutions for a Sustainable Future | Dr.M. Venkataramanan Professor, Department of Chemical Sciences, Indian Institute of Science Education & Research-Kolkata, Mohanpur, Nadia - 741246, West Bengal. Dr. V. Sivamurugan, Professor, PG & Research Department of Chemistry, Pachaiyappa's College, Chennai - 600 031 Dr. V. Raj, Professor & Head, Department of Chemistry, Periyar University, Salem – 636 011 | 204 | National | 2 Mar 2024 1012 L \$ st 2 Mar 2024 1012 L \$ st 2 Strada College Faither Index number |

RESEARCH ACTIVITIES

Ph. D. Registered

| S. No. | Name of the Scholar | Registration Number | Date of Registration | Research Supervisor |
|-----------|---------------------|------------------------|----------------------|------------------------|
| 1 | Ms .A. Immaculate | PUAJ230190803 | 19.12.2023 | Dr. A. Kalpana |
| 2 | Ms. D. Divya | PUAJ230190804 | 19.12.2023 | Dr. A. Kalpana |

Ph. D. Awarded

| S. No. | Name of the Scholar | Registration Number | Title of the Thesis | Date of Viva-Voce | Research Supervisor |
|-----------|------------------------|------------------------------|--|----------------------|------------------------|
| 1 | K. Latha | PU/R&D/Ph.D/ ASCHE60/2018 | Investigation of Structural & Electrochemical Performance of V ₂ O ₅ -X (X=MnO ₂ , WO ₃ , MoO ₃) Nanostructures for Supercapacitor Application | 27.11.2023 | Dr. S. Anbuselvi |
| 2 | R. Gandhimathi | PU/R&D/Ph.D/ ASCHE69/2018 | Robust Structural, Biological and In Silico Investigation of Schiff Base Ligands and their Complexes with Potential Applications. | 15.04.2024 | |

PUBLICATIONS

Journal Publications:

| S. No. | Name | Title of the Journal | Title of the Paper | Month, Year, Vol. No. & Page No. | Impact Factor | WoS / Scopus / UGC Care List |
|-----------|---------------------|-------------------------------|--|---|------------------|--|
| | | - | FACULTY | | | |
| 1. | Dr. V. Janaki | Environmental Research | Significance of <i>Herbaspirillum</i> sp. in biodegradation and biodetoxification of herbicides, pesticides, hydrocarbons and heavy metals – A review | 239 (2023) 117367 | 8.3 | Scopus |
| 2. | Dr. V. Janaki | Environmental Research | Detoxification of <i>p</i> -nitrophenol (PNP) using <i>Enterococcus</i> <i>gallinarum</i> JT-02 isolated from animal farm waste sludge | 231 (2023) 116289 | 8.3 | Scopus |
| 3. | Dr. S. Anbuselvi | Asian Journal of Chemistry | <i>In-Silico</i> Molecular Docking, ADMET Property, Molecular Dynamic Simulation Evaluation of <i>N</i> , <i>N</i> 2- <i>bis</i> (2- Hydroxybenzylidene)-1,2- diaminobenzene and its Metal Complexes against SARS-CoV-2 | 34, (10) (2022), 2573-2582 | 0.5 | Scopus |

| | Ph.D. SCHOLARS | | | | | | |
|----|----------------|-------------------------------|--|----------------------------------|-----|--------|--|
| 1. | R. Gandhimathi | Asian Journal of Chemistry | <i>In-Silico</i> Molecular Docking, ADMET Property, Molecular Dynamic Simulation Evaluation of <i>N</i> , <i>N</i> 2- <i>bis</i> (2- Hydroxybenzylidene)-1,2- diaminobenzene and its Metal Complexes against SARS-CoV-2 | 34, (10) (2022), 2573-2582 | 0.5 | Scopus | |

REVIEWER DETAILS

| S. No. | Name of the Faculty | Date | Certificate | Publishers |
|-----------|------------------------|------------|---|------------------|
| 1. | Dr. E. Akila | 28.10.2023 | Certificate of Excellence in Peer- Reviewing | BP International |

PARTICIPATION

Paper Presentations:

| S. No. | Name of the Faculty/ Student | Date | Title of the Seminar/Conference/ Symposium & Host Institution | Title of the Paper |
|-----------|---------------------------------|--------------------------------|---|---|
| | | | FACULTY | |
| 1. | Dr. L. Akilandeswari | 13.07.2023 & 14.07.2023 | Online International Conference on Recent Advances in Chemistry- 2023, Mother Teresa Women's University, Kodaikanal. | <i>In-Silico</i> Screening of Drug Likeness of Phenolic Phytochemicals |
| 2. | Dr. L. Akilandeswari | 01.10.2023 & 02.10.2023 | Indo-South Korea - Thailand 3 rd International Conference on Nanoscience and Nanotechnology for energy , Environment and Biomedical Applications (iNEEBA- 2023), Vinayaka Mission's Variyar Arts and Science College, Salem. | Effect of Complexation of Tripodal Iron Carbonyl on <i>O</i> - Quinodimenthane (QDM) Analogues- A Density Functional Exploration |
| 3. | Dr. L. Akilandeswari | 16.10.2023 | International Conference on Advanced Materials and Catalysis (ICAMC – 2023), Government Arts College for Women, Salem – 8. | Poster Presentation on Effect of Complexation of Tripodal Iron Carbonyl on <i>O</i> - Quinodimenthane (QDM) Analogues - A Density Functional Exploration |
| 4. | Dr. L. Akilandeswari | 10.04.2024 | National Level Staff Webinar, IQAC, Sri Sarada College for Women (Autonomous) Salem-16 | Role of AI in Research. |
| 5. | Dr. E. Akila | 13.07.2023 & 14.07.2023 | Online International Conference on Recent Advances in Chemistry- 2023, Mother Teresa Women's University, Kodaikanal. | Synthesis, Spectroscopic, DNA Cleavage Studies of Cobalt (II) Complex Derived From Isatin. |
| 6. | Dr. E. Akila | 16.10.2023 | International Conference on Advanced Materials and Catalysis (ICAMC – 2023), Government Arts College for Women, Salem – 8. | Schiff Base Transition Metal (II) Complexes as Selective Cleavage, <i>In Vitro</i> Anti Bacterial and <i>In Vitro</i> Anti Oxidant Agents |
| 7. | Dr. E. Akila | 14.02.2024 to 16.02.2024 | International Conference on Biomaterials for Advanced Biological Applications (BABA – | Bioactivity of Schiff Base Transition Metal (II) Complexes Derived From 3, 3'-Dihydroxybenzidine |

| | | | 2024), Periyar University, Salem - 11. | |
|-----|-----------------|---------------------------------|---|---|
| 8. | Dr. V. Janaki | 16.10.2023 | International Conference on Advanced Materials and Catalysis (ICAMC – 2023), Government Arts College for Women, Salem – 8. | Synthesis and Characterization of Polypyrrole/ Reduced Graphene Oxide Nanocomposite. |
| 9. | Dr. T. Elakkiya | 16.10.2023 | International Conference on Advanced Materials and Catalysis (ICAMC – 2023), Government Arts College for Women, Salem – 8. | Valuable Polymers from Turmeric Wastes after Extracting Curcumin. |
| 10. | Dr. T. Elakkiya | 10.04.2024 | National Level Staff Webinar, IQAC, Sri Sarada College for Women (Autonomous) Salem-16 | Role of AI in Research. |
| 11. | Dr. K. Revathy | 16.10.2023 | International Conference on Advanced Materials and Catalysis (ICAMC – 2023), Government Arts College for Women, Salem – 8. | Exploring Drug-likeness Properties of Anthraquinones |
| 12. | Dr. R. Kavitha | 13.07.2023 & 14.07.2023 | Tamil Nadu State Council for Higher Education (TANSCHE), Mother Teresa Women's University, Kodaikanal. | A New Schiff-Base Chemosensor for Selective Detection of Na ⁺ in Aqueous Solution |
| 13. | Dr. R. Kavitha | 22.03.2024 & 23.03.2024 | International Conference on Frontier Areas in Chemical Technologies-2024 (FACTs -2024), Alagappa University, Karaikudi. | A Novel Fluorescent Chemosensor for Al ³⁺ Ions Based on Schiff Base Derivative in Aqueous Solutions. |
| 14. | Dr. R. Kavitha | 10.04.2024 | National Level Staff Webinar, IQAC, Sri Sarada College for Women (Autonomous) Salem-16 | Role of AI in Research. |
| 15. | Dr. D. Anu | 16.10.2023 | International Conference on Advanced Materials and Catalysis (ICAMC – 2023), Government Arts College for Women, Salem – 8. | Development of Hydrazide Based Fluorescence Probe for Deduction of Al ³⁺ Ions And Applications in Live Cell Image. |
| | | I | Ph.D. SCHOLARS | |
| 1. | V. Vanie | 01.10.2023 & 02.10.2023 | Indo-South Korea-Thailand 3 rd International Conference on Nanoscience and Nanotechnology for energy , Environment and Biomedical Applications (iNEEBA- 2023), Vinayaka Mission's Variyar Arts and Science College Salem | A Novel Schiff Base Chemosensor for the Detection of Cu^{2+} Ions. |
| 2. | D. Divya | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Exploriing Coumarins: A Promising Frontier in Antidiabetic Therapy |
| 3. | A. Immaculate | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Fortyfying the Brain: Flavanoids as Protectors Against Alzheimer's Disease Related Neutral Dysfunction |

| | | | II MSc Chemistry Students | |
|-----|--|---------------------------------|--|---|
| 1. | P. Kaviya | 13.07.2023 & 14.07.2023 | Online International Conference on Recent Advances in Chemistry- 2023, Mother Teresa Women's University, Kodaikanal. | Antioxidant Assay of New Mononuclear Schiff Base Ni (II) Complex Derived from <i>o</i> - Phenylene Diamine |
| 2. | S. Lakshmiprabha | 13.07.2023 & 14.07.2023 | Online International Conference on Recent Advances in Chemistry- 2023, Mother Teresa Women's University, Kodaikanal. | Anti-Bacterial Screening of Schiff Base Manganese (II) Complex Derived from Isatin |
| 3. | A. Olimathi | 13.07.2023 & 14.07.2023 | Online International Conference on Recent Advances in Chemistry – 2023, Mother Teresa Women's University, Kodaikanal. | <i>In-Silico</i> Screening of Alkaloid Class of Allelochemicals as Drugs |
| 4. | K.A. Keerthiga | 13.07.2023 & 14.07.2023 | Online International Conference on Recent Advances in Chemistry- 2023, Mother Teresa Women's University, Kodaikanal. | <i>In-Silico</i> Screening of Isothiocyanate Class of Allelochemicals as Drugs |
| 5. | C. Vishnupriya | 16.10.2023 | International Conference on Advanced materials and Catalysis (ICAMC – 2023), Government Arts College for Women, Salem – 8. | A Novel Schiff Base Based Chemo Sensor for the Detection of Cu ²⁺ Ions |
| 6 | R. Anusiya & D. Elavarasi | 15.02.2024 & 16.02.2024 | International Conference on Biomaterials for Biological Applications, Mahendra Arts & Science college, Tiruchengode. | Synthesis and Characterization of SnS2-xSex@Cu ₂ O-core Shell Nanoparticles |
| 7. | A. Olimathi | 09.03.2024 | National Multidisciplinary Student Research Conference 'SHODH: A Research Voyage', K.L.E Society's Science amd Commerce College, Mumbai. | In-Silico Screening of Lichen Class Of Phytochemicals as Drugs |
| 8. | K.A. Keerthiga | 09.03.24 | National multidisciplinary student research conference 'SHODH': A Research Voyage by K.L.E Society's Science and Commerce college on 09.03.2024. | <i>In-Silico</i> Screening of Ceropegia Family of Phytochemicals as Drugs |
| 9. | M. Mohanasundhari , R. Keerthana & A. Sandhiya | 09.03.24 | National multidisciplinary student research conference 'SHODH': A Research Voyage by K.L.E Society's Science and Commerce college on 09.03.2024. | An Interpretation of Pharmacokinetics of Piperidines |
| 10. | R. Anusiya | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Synthesis of Sns2-Xsex Nanocomposite for Degradation of An Antibiotic- Chloramphenicol |
| 11. | R. Deepasri | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | <i>In-Silico</i> Screening of Benzoquinone Family of Phytochemicals as Drugs |
| 12. | J. Dharani | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | A Novel Schiff Base-Based Fluorescent Chemosensor For Al ³⁺ Ion Detection in Aqueous Solution |

| 13. | R. Iswariya | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Synthesis, Characterization, Computational and Antibacterial Studies of Cu (II) Schiff Base Complex Derived From Benzil and 2- Aminophenol |
|-----|----------------------|---------------------------------|--|---|
| 14. | P. Kaviya | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Antibacterial Activity of Schiff Base Cobalt (II) Complex Derived from Isatin |
| 15. | R. Keerthana | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | An Investigation of Food Colourants |
| 16. | K.A. Keerthiga | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | AI Based [MOLSOFT] Tool in Assessing the Drug Nature of Cerpegin Phytochemicals |
| 17. | S. Lakshmiprabha | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Synthesis,SpectralCharacterizationandBiologicalEvaluationOfSchiffBaseCopperComplexDerivedFromP-Nitroaniline |
| 18. | R. Madhumitha | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Synthesis, Characterization, Computational and Antibacterial Studies of Ni(II) Schiff Base Complex Derived From Benzil and 2- Aminophenol |
| 19. | M. Mohanasundhari | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | An Interpretation of Anti- oxidants |
| 20. | V. Nithyashree | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | Computational Analysis of Pharmacokinetics and Drug- likeness of Some Naturally Occuring Flavanones |
| 21. | A. Olimathi | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | <i>In-Silico</i> Screenings of Lichen Class of Phytochemicals as Drugs |
| 22. | A. Sandhiya | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | An Investigation of Preservatives |
| 23. | C. Vishnupriya | 11.03.2024 to 14.03.2024. | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", | A New Fluorescent Chemosensor for Cu ²⁺ Ion |

| Sri Sarada College for Women | Based on Schiff Base |
|-------------------------------|----------------------|
| (Autonomous), Salem -636 016. | Derivative |

Orientation/ Refresher/ FDPs/ STCs/ Conferences/ Seminars/ Webinars Attended:

| S. No. | Name of the Faculty/ Student | Date/ Duration | Title of the Programme | Host Institution & Sponsored by | |
|-----------|------------------------------------|--------------------------------|--|--|--|
| | | I | FACULTY | | |
| 1. | Dr. E. Akila | 22.05.2023 to 05.06.2023 | Advanced Research Methodology | TLC, Ramanujan College, University of Delhi | |
| 2. | Dr. V. Janaki | 22.05.2023 to 05.06.2023 | Advanced Research Methodology | TLC, Ramanujan College, University of Delhi | |
| 3. | All the Faculty Members | 26.07.2023 & 27.07.2023 | E-Content Development | IQAC, Sri Sarada College for Women (Autonomous), Salem-16. | |
| 4. | Dr. T. Elakkiya | 28.08.2023 to 02.09.2023 | A Multidisciplinary FDP on Work-life Balance and Teacher Effectiveness in the VUCA World' | IQAC and Department of Psychology, Periyar University, Salem | |
| 5. | All the Faculty Members | 21.09.2023 | IP Awareness/ Training Program under National Intellectual property Awareness Mission | Intellectual Property Office, India | |
| 6. | Dr. D. Anu | 29.09.2023 | Recent Innovations in Chemical Sciences (ICRICS – 23) | SONA College of Arts and Science, Salem. | |
| 7. | Dr. K. Revathy | 04.10.2023 to 09.10.2023 | Artificial Intelligence in Chemistry: Current Trends and future Perspectives (AICCTEP - 2023) | Holy Cross College (Autonomous) Tiruchirappalli | |
| 8. | Dr. K.Bharathi | 22.10.2023 | Malaviya Mission Teacher Training Program | SGTB Khalsa College, University of Delhi. | |
| 9. | Dr. K.Revathy | 02.11.2023 to 09.11.2023 | Outcome Based Education And Essential AI Tools for Teachers | St. Albert's College (Autonomous) Ernakulam | |
| 10. | Dr. R. Kavitha | 02.11.2023 to 09.11.2023 | Outcome Based Education And Essential AI Tools for Teachers | St. Albert's College (Autonomous) Ernakulam | |
| 11. | Dr. R. Kavitha | 16.11.2023 to 29.11.2023 | Refresher Course in Chemistry | University of Madras, Chennai | |
| 12. | Dr. D. Anu | 27.11.2023 to 01.12.2023 | Recent Advances in Chemical Sciences | KSR College of Arts and Science for Women, Tiruchengde. | |
| 13. | Dr. S Geetha | 15.12.2023 to 29.12.2023 | Refresher Course in Chemistry | TLC, Ramanujan College, University of Delhi. | |
| 14. | Dr. K.Bharathi | 15.12.2023 to 29.12.2023 | Refresher Course in Chemistry | TLC, Ramanujan College, University of Delhi | |
| 15. | Dr. A.Kalpana | 15.12.2023 to 29.12.2023 | Refresher Course in Chemistry | TLC, Ramanujan College, University of Delhi | |

| 16 | All the Faculty Members | 20.12.2022 | State level Workshop on | PG & Research Department of |
|-----|---|--------------------------------|---|--|
| 16. | (Organizing Committee) | 20.12.2023 | "Instrumental Methods of Analysis – IMA 2023 | Chemistry, Sri Sarada College for Women (Autonomous) Salem 16 |
| 17. | Dr. S Geetha | 01.02.2024 & 02.02.2024 | International Symposium on innovations in Biosciences "24" (ISIBS'24) | Department of Botany, Sri Sarada College for Women (Autonomous) Salem 16 |
| 18. | Dr. K.Bharathi | 01.02.2024 & 02.02.2024 | International Symposium on innovations in Biosciences "24" (ISIBS'24) | Department of Botany, Sri Sarada College for Women (Autonomous) Salem 16 |
| 19. | Dr. L. Akilandeswari | 01.02.2024 & 02.02.2024 | International Symposium on innovations in Biosciences "24" (ISIBS'24) | Department of Botany, Sri Sarada College for Women (Autonomous) Salem 16 |
| 20. | Dr. R. Kavitha | 01.02.2024 & 02.02.2024 | International Symposium on innovations in Biosciences "24" (ISIBS'24) | Department of Botany, Sri Sarada College for Women (Autonomous) Salem 16 |
| 21. | Dr. R. Kavitha | 20.02.2024 to 29.02.2024 | NEP 2020 Orientation and Sensitization Programme | Sri Guru Tegh Bahadur Khalsa College, University of Delhi. |
| 22. | All the Faculty Members (Organizing Committee) | 11.03.2024 to 14.03.2024 | CSIR Sponsored National level Seminar on "The Power of STEM: Solutions for a Sustainable Future", Sri Sarada College for Women (Autonomous), Salem -636 016. | PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous), Salem 16 |
| 23. | All the Faculty Members | 03.04.2024 to 05.04.2024 | Health and Wellness in the Workplace | IQAC, Sri Sarada College for Women (Autonomous), Salem-16. |
| 24. | All the Faculty Members | 10.04.2024 | Impact, opportunities and Challenges of AI in Higher Education | IQAC, Sri Sarada College for Women (Autonomous), Salem-16. |
| | | | STUDENTS | |
| 1. | P.Elakkiya II B.Sc. Chemistry | 29.09.2023 | International Conference on "Recent Innovations in Chemical Sciences" (ICRICS'23) | Sona College of Arts and Science, Salem-636 005 |
| 2. | S.Misba Fathima II B.Sc. Chemistry | 29.09.2023 | International Conference on "Recent Innovations in Chemical Sciences" (ICRICS'23) | Sona College of Arts and Science, Salem-636 005 |
| 3. | K.K.Thirumali ni II B.Sc. Chemistry | 29.09.2023 | International Conference on "Recent Innovations in Chemical Sciences" (ICRICS'23) | Sona College of Arts and Science, Salem-636 005 |
| 4. | II B.Sc. & III B.Sc Chemistry students | 09.10.2023 to 13.10.2023 | Short term Entrepreneurial Skill Development Programme on 'Simple Chemical Products Making' | Sri Sarada college for women (Autonomous), Salem 16 |
| 5. | II B.Sc. Chemistry students | 31.01.2024 | Workshop on 3D Scanning Innovative Technology | Institution's Innovation Council, Sri Sarada College for Women (Autonomous), Salem-16. |

| 6. | II B.Sc. Chemistry students | 11.03.2024 to 14.03.2024 | CSIR Sponsored Four day National level Seminar on The Power of Stem: Solutions for a Sustainable Future | PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous), Salem 16. |
|----|--------------------------------------|--------------------------------|--|---|
| 7. | III B.Sc. Chemistry students | 11.03.2024 to 14.03.2024 | CSIR Sponsored Four day National level Seminar on The Power of Stem: Solutions for a Sustainable Future | PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous) Salem 16 |
| 8. | I M.Sc. Chemistry students | 11.03.2024 to 14.03.2024 | CSIR Sponsored Four day National level Seminar on The Power of Stem: Solutions for a Sustainable Future | PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous) Salem 16 |
| 9. | II M.Sc. Chemistry 10 students | 11.03.2024 to 14.03.2024 | CSIR Sponsored Four day National level Seminar on The Power of Stem: Solutions for a Sustainable Future | PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous) Salem 16 |

ACTIVITIES FOR STUDENTS' SUPPORT AND PROGRESSION

NATIONAL SCHOLARSHIP

| S. No. | Name of the Student | Class | Name of the Organization | Amount (Rs) per year |
|-----------|---------------------|--------------------|-----------------------------|-------------------------|
| 1. | S. Lakshmiprabha | II M.Sc. Chemistry | National Scholarship | 20,000 |

NGO SCHOLARSHIP

| S. No. | Name of the Student | Class | Name of the Organization | Amount (Rs) per year |
|-----------|---------------------|--------------------|--|-------------------------|
| 1. | K. Harini | II M.Sc. Chemistry | Labour Welfare Scholarship | 4,000 |
| 2. | J. Dharani | II M.Sc. Chemistry | Labour Welfare Scholarship | 4,000 |
| 3. | S. Ramya | II M.Sc. Chemistry | Labour Welfare Scholarship | 1,500 |
| 4. | G. Gayathri | I M.Sc. Chemistry | Tamil Nadu Construction Labour Welfare Association | 4,000 |
| 5. | T. Priyanka | I M.Sc. Chemistry | Tamil Nadu Construction Labour Welfare Association | 4,000 |
| 6. | R. Kanikajayasree | II B.Sc. Chemistry | Builders Association | 4,000 |
| 7. | G. Nandhini | II B.Sc. Chemistry | Builders Association | 2,500 |
| 8. | R.E. Parameshwari | II B.Sc. Chemistry | Builders Association | 2,800 |
| 9. | V. Desika | II B.Sc. Chemistry | Builders Association | 4,000 |
| 10. | V. Kiruthika | I B.Sc. Chemistry | Tamil Nadu Construction Labour Welfare Association | 4,000 |
| 11. | L. Bhuvaneshwari | I B.Sc. Chemistry | Magalir Sangam | 15,000 |
| 12. | K. Yazhini | I B.Sc. Chemistry | Tamil Nadu Construction Labour Welfare Association | 4,000 |

| 13. | V. Pavithra | I B.Sc. Chemistry | Tamil Nadu Construction Labour Welfare Association | 4,000 |
|-----|------------------|-------------------|--|-------|
| 14. | K. Shanmugapriya | I B.Sc. Chemistry | Tamil Nadu Construction Labour Welfare Association | 4,000 |
| 15. | M. Sakthi | I B.Sc. Chemistry | Tamil Nadu Construction Labour Welfare Association | 7,000 |

Students' Induction Programme: Department Orientation

| Date | Topics Covered | No. of Beneficiaries | Geo Tagged Photos |
|------------|---------------------------------------|----------------------|---|
| 05.07.2023 | Know your Department (For I B.Sc.) | 38 | A CONTRACTOR OF |

Bridge Course

| Date & Duration | Class | Concepts Covered | No. of Beneficiaries | Geo Tagged Photos |
|--------------------|----------------------------|--|----------------------|--|
| 06.07.2023 | I B.Sc. Chemistry | Basics of Chemistry | 37 | Constant and the second s |
| 07.07.2023 | I B.Sc. Home Science | Basics of Chemistry Theory and Practicals | 35 | |
| 11.07.2023 | I B.Sc. Physics | Basics of Chemistry | 35 | Tanka Ta |

Mentor/Mentee Support

| Mentor | No. of Mentees | Counselling Dates | Geo Tagged Photos |
|----------------------|----------------|----------------------------|--|
| Dr. S. Sankari | 13 | | |
| Dr. S. Geetha | 13 | | |
| Dr. K. Bharathi | 12 | 19.06.2023, | |
| Dr. A. Kalpana | 15 | 06.07.2023, | |
| Dr. S. Anbuselvi | 15 | 09.08.2023, | Salem, Tamir Haddy, Ingla 9rd Barade collega for women, salem 0.90010 |
| Dr. L. Akilandeswari | 11 | 05.09.2023, | Let 11.877359* Long 28.149984* e4(c4/c4 01.12 m/ CA/T +05:30 |
| Dr. E. Akila | 15 | 05.10.2023, 04.12.2023, | |
| Dr. V. Janaki | 12 | 08.01.2024, | |
| Dr. T. Elakkiya | 16 | 07.02.2024 & | THE SEA A |
| Dr. K. Revathy | 13 | 12.03.2024 | TAU DUAL |
| Dr. R. Kavitha | 14 | | GPS Map Camera Salem, Tamil Nadu, India Banka colege, Sanaka Colege nada Ciya Sanaka Cullege nain Gaine, Sanaka Ciya Sanaka Cullege nain Gaine, Sanaka Ciya Sanaka Cullege nain Gaine, |
| Dr. D. Anu | 14 | | Long XLAB 774 Long XLAB 774 Society State Control of Control C |

Remedial Coaching

| Class | Dat | tes | No. of | Cas Taggad Dhatag |
|--------|--|--|---------------|--|
| Class | Odd Semester | Even Semester | Beneficiaries | Geo Tagged Photos |
| I UG | 26.00.2022.0 | | 7 | |
| II UG | 26.08.2023 & 28.07.2023 04, 07, 11, 14, 18, 19, 21, 23, 25 th & 30 th August 2023, 01, 04, 05, 08, 15, 20, 22, 25, 27 th & 29 th | 08, 13, 15, 18, 20, 22, 26 th & 29 th December 23 05, 06, 12, 19th & 25 th January 2024 02, 09, 12, 16 th & | 8 | BAp 202 B 45-D and Back 202 B 10-D and Back 20 |
| III UG | September 2023 03, 06, 09, 11, 13, 25, 27 th & 30 th October 2023 | 23 rd February2024 | 8 | |

Association and its Office Bearers

| Name of the Association | Vice President | Secretary Name & Class |
|----------------------------|---------------------------------------|---------------------------|
| Chemical Science | Dr. S. Geetha, Associate Professor, | S. Dharani, |
| Association | PG & Research Department of Chemistry | III B.Sc. Chemistry |

Association Activities

| S. No. | Date | Event | Resource Person & Title | No. of Beneficiaries | Geo Tagged Photo |
|-----------|------------|--|---|-------------------------|--|
| 1 | 05.10.2023 | Exhibition cum contest on Herbal products | Entrepreneurship Opportunities in Chemistry | 34 | Salam Tanikada India |
| 2 | 18.01.2024 | National Level E-Poster Contest (Online) | Lifestyle for Environment | 58 | Reduce the emission of Cog Con ext of definetations that by the sof of self-destruction Con ext of definetations (Cog 2) |
| 3 | 09.02.2024 | Seminar | Resource person: Er. N. Senthil Kumar Chief Operating Officer & Partner Global Lab and Consultancy Services SF No.92/3A2, Geetha Nagar, Alagapuram Pudur, Salem- 636 016. Title: Entrepreneur Skills in Chemistry | 115 | |

New MoU signed:

| S.No. | Date | Name of the Institution/ Organization | Geo Tagged Photo |
|-------|------------|--|--|
| 1. | 09.02.2024 | Global Lab and Consultancy Services SF No.92/3A2, Geetha Nagar, Alagapuram Pudur, Salem- 636 016. | Image: State of the state |

MoU Activities:

| S. No. | Date | Name of the Institution/ organization | Activities undertaken | No. of Benefic iaries | Geo Tagged Photo |
|-----------|----------------|--|--|-----------------------------|--|
| 1. | 11.01.24 | Golden Jubilee Biotech Park, Kanchipuram District- 603 103 | Webinar on "Path to Become Successful Entrepreneurs" | 64 | |
| 2. | 23.01.24 | Golden Jubilee Biotech Park, Kanchipuram District- 603 103 | Webinar on "Soft Skills and Career Guidance" | 23 | Branc Vice, Vice, Ul Oris Mig Convent Branc Mark, Traja, Ul Oris Mig Convent Branc Letter, Mind Cologi nota Cologi nota Branc Inter Traja Un Di Matti Traja Natti Traja Matti Traja Mat |
| 3. | 09.02.24 | Global Lab and Consultancy Services SF No.92/3A2, Geetha Nagar, Alagapuram Pudur, Salem- 636 016. | Seminar on "Entrepreneur skills in chemistry" | 115 | |
| 4. | 17.02.202 4 | Global Lab and Consultancy Services SF No.92/3A2, Geetha Nagar, Alagapuram Pudur, Salem- 636 016. | UG Group project | 10 | |

Alumna Sharing Expertise Programme on International Women's Day:

| S. No. | Distinguished Alumna – Name and Designation | Торіс | No. of Beneficiaries | Geo Tagged Photo |
|-----------|--|-----------------------------|-------------------------|--|
| 1 | Mrs. G. Chitra, Block Resources teacher Educator, Salem Urban. | Foot to Your Root - 2024 | 63 | Environmental and the second s |

Workshops attended by our students organized by IQAC

| S. No. | Date | Class | Торіс | Resource Person(s) | No. of Benefi ciaries |
|-----------|--------------------------------|-------------------------------|---------------------------------|--|-----------------------------|
| 1 | 21.08.2023 | I B.Sc. Chemi stry | English for Entrepreneurship | Dr. A. Revathi, M.A., M.Phil., Ph.D. Assistant Professor of English Sri Sarada College for Women (Autonomous), Salem - 16. Dr. K. Saritha, M.A., M.Phil., Ph.D. Assistant Professor of English Sri Sarada College for Women (Autonomous), Salem - 16. Dr. J. Sharmila Devi, M.A., M.Phil., Ph.D. Assistant Professor of English Sri Sarada College for Women (Autonomous), Salem - 16. | 36 |
| 2. | 28.08.2023 to 30.08.2023 | I B.Sc. Chemi stry | Mozhipayirchi Pattarai | Faculty members of Tamil Department | 39 |
| 3. | 22.08.2023 | II B.Sc. Chemi stry | English for Entrepreneurship | Mrs. S. Lavanya, M.A., M.Phil., Assistant Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. Dr. J. Mahaboob Bee, M.A., M.Phil., Ph.D. Assistant Professor of English Sri Sarada College for Women (Autonomous), Salem - 16. | 29 |
| 4. | 23.08.2024 | III B.Sc. Chemi stry | English for Entrepreneurship | I. Dr. S. Esther Juliet Sujatha Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. Dr. D. Ghayathry Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. Dr. S. Maheswari Assistant Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. | 41 |

| 5. | 24.08.2023 | I M.Sc. Chemi stry | Power Skills | Dr. S. Ramya Niranjani Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. Mrs. M. P. Rajeshwari, Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. Mrs. Renie Johnson Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. | 24 |
|----|------------|------------------------------|--------------|---|----|
| 6. | 28.08.2023 | II M.Sc. Chemi stry | Power Skills | Dr. K. Sangeetha, M.A., M.Phil., Ph.D. Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. Dr. A. Selvalakshmi, Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. Dr. C. Preetha, M.A., M.Phil., Ph.D. Associate Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. | 23 |

UG/ PG Students' Seminars

| Date | Торіс | Resource Person | No. of papers presented | No. of Beneficiaries | Geo tagged Photo |
|----------|--|---|-------------------------------|-------------------------|--|
| | | | B.Sc. | | |
| 20.09.23 | Exploring the Pharmaceutical Wonders of Medicinal Plants | Dr. E. Sukumar, Secretary, Indian Chemical Society (ICS), Chennai | 21 | 114 | A Constant of the second secon |
| | | | M.Sc. | | |

| 05.01.23 | Chemistry in Indian knowledge System | Dr. M. Rajan, Assistant Professor, Department of Natural Products Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai – 625 021. | 19 | 96 | HURSDAN HUR |
|----------|---|--|----|----|--|
|----------|---|--|----|----|--|

Internship Programme

| S. No. | Name of the Organization | Number of Students | From – to – Dates | Place |
|--------|--|-----------------------|--------------------------|-------|
| 1. | Aqua Tech Solution in Purification | 4 | 29.05.2023 to 12.06.2023 | Salem |
| 2. | RRKS Chemicals Pvt. Ltd | 12 | 27.05.2023 to 14.06.2023 | Salem |
| 3. | Aavin- Salem District Co – operative milk producer Union Ltd. | 9 | 31.05.2023 to 13.06.2023 | Salem |
| 4. | Shri Jai Ganesh Pharma | 6 | 01.06.2023 to 15.06.2023 | Salem |
| 5. | Salem Diagnostic & Reference Laboratory | 4 | 01.06.2023 to 15.06.2023 | Salem |
| 6. | Indian Cancer Society, Delhi & Guru Angad Dev Teaching Learning Centre. | 7 | 01.11.2022 to 31.01.2023 | Salem |

Group Project

| S.No. | Title of the Project | Date(s) | Place | Supervisor | Name of the Students |
|-------|---|------------|---|--|--|
| 1 | Microbial Infections Through Water and its Preventive Measures | 17.02.2024 | Global Lab Consultancy and Services, Alagapuram Pudhur, Salem – 636 016 | Dr. T. Elakkiya, Assistant Professor of Chemistry, PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous), Salem-16 | Dhenisha.M. S Mohanapriya.B Nandhini.G Narmadha.R Parameshwari. R. E Pavithra. V Rajeshwari. K Roja. K Sowntharya. R Suvitha.k. V |

Society Connect Activity

| Date | Class | Topic & Place | No. of Beneficiaries | Geo Tagged Photo |
|------------|----------------------|---|-------------------------|------------------|
| | | Society Con | nect Activity | |
| 23.09.2023 | I B.Sc. Chemistry | Survey on the Impact of Entrepreneurial Development of Dish Wash Liquid and Soap at Selathampatti | 43 | Elers Lanced |

| 26.08.2023 | II B.Sc. Chemistry | Innovations in Soap- making and Packaging at Selathampatti | 30 | Silem, Tamil Madu, India Misko-KPMV, Och Summergalam, Salem, Tamil Nadu B18502, India Lat 11820708* Long R3.099987* B00873 1150 AM GMT + 06:30 |
|------------|------------------------|---|-----|--|
| 22.07.2023 | III B.Sc. Chemistry | Building A Path for Entrepreneurs (Learn to Make Dish Washer) at Selathampatti | 240 | Sidem Tank Nadu, India Bahada Jana Bahada Jana Jana Jana Jana Jana Jana Jana J |
| 20.01.2024 | I M.Sc. Chemistry | Awareness Campaign on Financial Assistance for Entrepreneurs at Selathampatti | 330 | Salen Inda 2024/120/Salt 10.33(m) 77 |
| 20.01.2024 | II M.Sc. Chemistry | Awareness about the Hazardous Nature of Chemical Based Home Products at Selathampatti | 100 | Core in the second seco |

Swayam NPTEL Course Completion (Students)

| S. No. | MOOC Provider (NPTEL/ SWAYAM) | Name of the Student | Title of the Course | Score in (%) | Month & Year of Passing |
|-----------|-------------------------------------|---|--|--------------|----------------------------|
| 1. | NPTEL | S. Lakshmiprabha II M.Sc. Chemistry | Problem Solving through Programming in C | 55 | Jul-Oct 2023 |
| 2. | NPTEL | V. Nithya Shree II M.Sc. Chemistry | Advanced Transition Metal Chemistry | 42 | Jul-Oct 2023 |
| 3. | NPTEL | A.K. Preetha Immaculate II M.Sc. Chemistry | Metals in Biology | 78 | Jul-Sep 2023 |
| 4. | NPTEL | K Makila III B.Sc. Chemistry | Metals in Biology | 67 | Jul-Sep 2023 |
| 5. | NPTEL | V. Nithya Shree II M.Sc. Chemistry | Bioinorganic Chemistry | 76 | Jan-Feb 2024 |

| 6. | NPTEL | C. Vishnupriya II M.Sc. Chemistry | Bioinorganic Chemistry | 76 | Jan-Feb 2024 |
|----|-------|--|--|----|--------------|
| 7. | NPTEL | P. Elakkiya II B.Sc. Chemistry | Fundamentals of Protein Chemistry | 41 | Jul-Oct 2023 |
| 8. | NPTEL | K. Roja II B.Sc. Chemistry | Dairy and Food Process and Products Technology. | 48 | Jul-Oct 2023 |
| 9. | NPTEL | S. Misba Fathima II B.Sc. Chemistry | Brief Introduction to Psychology | 61 | Jul-Aug 2023 |
| 10 | NPTEL | S. Misba Fathima II B.Sc. Chemistry | Great Experiments in Psychology | 75 | Jan-Feb 2024 |
| 11 | NPTEL | A. Mohanapriya II B.Sc. Chemistry | Nanotechnology in Agriculture | 60 | Jan-Mar 2024 |

STUDENTS' ACHIEVEMENTS

Placement

| S. No. | Name of the Student | Company | Designation | Salary | ON Campus / OFF Campus |
|-----------|---|---|-------------|-----------|---------------------------|
| 1. | S. Lakshmiprabha II M.Sc. Chemistry | SRV Innovative Senior Secondary School | Teacher | Rs.19,000 | ON Campus |

Any Other (Prizes/ Awards won by the students)

| S. No. | Name of the Student | Prize (I / II) | Event | Level |
|-----------|--|--|--|----------|
| 1. | A. Olimathi II M.Sc. Chemistry | Ι | National multidisciplinary student research conference 'SHODH': A Research Voyage by K.L.E Society's Science and Commerce college on 09.03.2024. | National |
| 2. | P. Elakkiya II B.Sc. Chemistry | III | Bharathiyar birthday celebrations (Oratorical Competition) PG and Research Department of Tamil, Sri Sarada College for Women (Autonomous) Salem-16 on 11.12.2023 | College |
| 3. | K.B.Bhavatarani II B.Sc. Chemistry | Ш | Bharathiyar (Singing Competition) Tamil Association Sri Sarada College for Women (Autonomous) Salem-16 | College |
| 4. | K.B. Bhavatarani II B.Sc. Chemistry | Third Prize (Cash reward of Rs.100/-) | Nam Bharatham Singing Competition Election Commission of India, Sri Sarada College for Women (Autonomous) Salem-16 | District |
| 5. | S. Misba Fathima II B.Sc. Chemistry | Consolation Certificate | National Science Day – 2024 (Indigenous Technologies for Viksit Bharat) Periyar University, Salem – 11 on 28.02.2024 | National |

NCC

| S. No. | Name of the Student | Participated | Event | Level |
|-----------|-------------------------------------|--------------|--|-------|
| 1. | K. Sangeetha III B.Sc. Chemistry | Participated | Group Dance held at K.S.R College of Technology on 06.07.2023 to 15.07.2023 | Zonal |
| 2. | K. Sangeetha III B.Sc. Chemistry | Participated | Combined Annual Tranining Camp cum TSC Launch Camp at K.S.R College of Technology on 06.07.2023 to 15.07.2023 | Zonal |
| 3. | M. Keerthana III B.Sc. Chemistry | Participated | Combined Annual Tranining Camp cum TSC Selection Camp at K.S.R College of Technology on 22.05.2023 to 31.05.2023 | Zonal |
| 4. | M. Keerthana III B.Sc. Chemistry | Participated | Annual Training Camp at Sengunthar Arts and Science college, Tiruchengode on 12.07.2023 &21.07.2023 | Zonal |
| 5. | M. Keerthana III B.Sc. Chemistry | Participated | Republic Day Selection Camp during 26.07.2023 to 04.08.2023 | Zonal |
| 6. | M. Keerthana III B.Sc. Chemistry | Participated | NCC Certificate 'B' Examination Ministry of Defence, Government of India. | Zonal |

Co-Curricular Activities (NSS / NCC / RRC / YRC / CCC/ IIC)

| Class | No. of Students | | | | | | | |
|-----------|-----------------|-----|-----|-----|-----|-----|--|--|
| Class | NSS | NCC | RRC | YRC | CCC | IIC | | |
| I B.Sc. | 14 | - | - | 4 | 3 | 22 | | |
| II B.Sc. | 9 | 4 | 0 | 4 | 6 | 24 | | |
| III B.Sc. | 15 | 2 | 3 | 13 | 7 | 7 | | |

COURSES OFFERED BY THE DEPARTMENT TO OTHER MAJOR STUDENTS 1. Advanced Diploma Course

Name of the Course: Applied Chemistry

| I Year : (| Certificate Cou | rse Name : 1 | Polymer Chem | istry Stren | gth : 45 | |
|------------|----------------------|--------------|---------------|---------------------|------------|-----------|
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| - | - | 3 | 4 | 3 | 1 | 21 |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 3 | 4 | 2 | - | 4 | | |
| II Year : | Diploma Cours | se Name : W | Vater and Dye | Chemistry | Strength : | 42 |
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| 1 | - | 2 | 3 | 2 | - | 19 |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 2 | 3 | - | 9 | 1 | - | - |
| III Year : | Advanced Di | ploma Course | e Name : Med | licinal Chemi | stry Stre | ength: 29 |
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| - | - | - | - | 3 | 8 | 13 |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 1 | 1 | 1 | - | 2 | | |

| Non-M | Iajor Elective - | I: Industria | Chemistry (II | I - Semester) | Streng | gth : 24 |
|---------------------|--|--------------------|--|--------------------------|---------------------|---------------------|
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| - | - | 3 | 5 | 2 | 1 | - |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 2 | - | 2 | 7 | 2 | | |
| Non- | Non-Major Elective - II: Dairy Chemistry (IV - Semester) | | | | Strengt | th : 28 |
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| - | - | 4 | 3 | 2 | 2 | _ |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 2 | - | 3 | 10 | 2 | - | - |
| Nor | -Major Electiv | e - I: Food Cl | nemistry (I - Se | emester) | Strength : 47 | |
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| 3 | 4 | 5 | 5 | 1 | 5 | _ |
| | | - | 5 | 1 | 5 | _ |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | 5 | |
| Botany 5 | Zoology 4 | Home Sci. 4 | | - | - | - |
| 5 | | 4 | Commerce 7 | Science 4 | - Strengtl | - 1 : 36 |
| 5 | 4 | 4 | Commerce 7 | Science 4 emester) | - | n : 36 Chemistry |
| 5 Non- | 4 -Major Elective | 4 - I: Dairy Cl | Commerce 7 nemistry (II - S | Science 4 emester) | - Strengtl | |
| 5 Non History | 4 -Major Elective Economics | 4 - I: Dairy Cl | Commerce 7 nemistry (II - S Mathematics | Science 4 emester) | Strength Physics | |

2. Non-Major Elective: Number of Students Attended the Course:

3. Non-Major Skill Based: Number of Students Attended the Course:

| UG : Non-Major Skill Based - I : Home Chemistry (V - Semester) Strength: 53 | | | | | | | |
|---|-----------|---------|--------------|------------|---------------------|--|--|
| History | Economics | English | Mathematics | Statistics | Physics | | |
| 7 | - | 7 | 1 | 3 | 2 | | |
| Chemistry | Botany | Zoology | Home Science | Commerce | Computer Science | | |
| | | | | | Science | | |

| UG:Nor | UG : Non-Major Skill Based - II : Food Chemistry (VI - Semester) Strength: 56 | | | | | | | |
|-----------|---|---------|--------------|------------|---------------------|--|--|--|
| History | Economics | English | Mathematics | Statistics | Physics | | | |
| 7 | - | 7 | 6 | 3 | 3 | | | |
| | | | | | | | | |
| Chemistry | Botany | Zoology | Home Science | Commerce | Computer Science | | | |

4. PG: Extra Disciplinary Course: Therapeutical Chemistry

| II PG : Extra Disciplinary Course : Therapeutical Chemistry (III- Semester) Strength: 10 | | | | | | | | |
|--|-----------------------------|-------------------|-----------------------|----------------------|-------------------------|---------------------|-----------------|------------------|
| History | Economics | Tamil | English | Mathe | Physics | Chemis | Com | Computer |
| | | | | matics | | try | merce | Science |
| - | _ | _ | 3 | 3 | 4 | - | - | - |
| I PG : Extra Disciplinary Course : Therapeutical Chemistry (II- Semester) Strength: 15 | | | | | | | | |
| I PG : Ex | tra Disciplina | ry Cours | e : Therap | eutical Che | emistry (II- | Semester) | Strength | : 15 |
| I PG : Ex History | tra Disciplina Economics | ry Cours Tamil | e : Therap English | eutical Che Mathe | emistry (II- Physics | Semester) Chemis | Strength Com | : 15 Computer |
| | - | ť | - | | | , | | |



