



CHEM NEWS
PG & Research Department of
CHEMISTRY
Sri Sarada College for Women (Autonomous)
Re-accredited with 'B++' Grade by NAAC
(Affiliated to Periyar University)
Salem - 636016.



Volume XVII

NEWSLETTER
(For private circulation only)

May 2023

Dear Readers,

With the blessings of the Holy Trinity Sri Ramakrishna Paramahansa, 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: 17.11.2022 & 02.05.2023

Members:

| 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. Rose Venis, Associate Professor of Chemistry, St. Joseph's College (Autonomous) Tiruchirappalli – 620002 Mobile No. 9443115762 Email id: rosevenis@gmail.com | Dr. R. Saratha, Professor, Department of Chemistry, Avinashilingam Institute for Home Science and Higher Education for Women, Saibaba Colony, Coimbatore -641043 Mobile No. 9487949104 Email id: saratha63@gmail.com | |
| 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 Email id: mmsekar7@gmail.com | 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 Email Id: nsvenkatchennai@gmail.com | PG Alumnus Dr. M. Malarvizhi, Assistant Professor & Head, Department of Chemistry, Sri GVG Visalakshi College for Women, Palani Road, Udumalaipettai - 642128 Mobile No. 9943081062 Email Id: malarchemgvg@gmail.com | |

| Student Member (UG) | Student Member (PG) | |
|-------------------------------------------|-----------------------------------------|--|
| Ms.K. Premi, III B.Sc. Chemistry | Ms.P. Padmapriya, II M.Sc. Chemistry | |
| & Other Faculty Members of the Department | | |



Courses Modified with Percentage:

| Semester | Name of the Course | Percentage of Modification | Year of Implementation |
|-----------|--------------------------------------------------|----------------------------|------------------------|
| UG | | | |
| II | General Chemistry-III | 22 | 2022-23 |
| II | SB II Chemistry of Cosmetics | 25 | 2022-23 |
| I & II | Core Practical-I Volumetric Analysis | 23 | 2022-23 |
| PG | | | |
| II | Inorganic Chemistry-II | 22 | 2022-23 |
| II | Organic Chemistry-II | 20 | 2022-23 |
| II | Elective –I Chemical Kinetics and Thermodynamics | 23 | 2022-23 |
| II | Inorganic Chemistry Practical | 20 | 2022-23 |
| II | Organic Chemistry Practical-I | 22 | 2022-23 |
| II | Physical Chemistry Practical-I | 21 | 2022-23 |


Internal Academic Audit

| Date | Internal Audit Members | Geo Tagged Photo |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------|------------------|
| 03.05.2023 | Dr.S.D. K.Shridevi, Assistant Professor, Department of Botany & Dr.D. Ghayathry, Assistant Professor, Department of English | |

Outreach Programme / Activity

| S. No. | Date | Name of the Activity | No. of Beneficiaries | Geo Tagged Photo |
|--------|------------|----------------------------------------------------------------------------------------------------------|----------------------|------------------|
| 1. | 20.03.2023 | NSS-special Camp- Practical session on the techniques for preparing soaps and washing powder | 200 | |

FDP / Webinars/ Seminars/ Conferences/ Symposium Organised

| Date | Title of the Programme | Topic & Name(s) of the Guest Speaker(s) | No. of Beneficiaries | Level | Geo Tagged Photo |
|------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|-------------------------------------------------------------------------------------|
| 16.09.2022 | Chemistry for Future | <p>1.Topic: Professional Bodies in the Development of Science and Society. Dr. E. Sukumar, M.Sc., M.Sc., Ph.D., DCP, FICS, FIC, CC(I) Ex. Dean of Research, Saveetha University, Chennai & Emeritus Scientist, Entomology Research Institute, Loyola College, Chennai) Secretary, ICS-T.N. Branch.</p> <p>2. Topic : Chemistry : The Centre of Sciences. Dr. V. Sivamurugan, M.Sc., M.Phil., Ph.D., FICS, (Assistant Professor of Chemistry, Pachaiyappa's College, Chennai) Joint Secretary, ICS-T.N. Branch.</p> <p>3. Topic : Career Opportunities in Chemistry. Dr. E. Rajkumar, M.Sc., M.Phil., Ph.D. (Assistant Professor of Chemistry, Madras Christian College, Chennai.) Executive Committee Member, ICS-T.N. Branch.</p> | 179 | National |  |

RESEARCH ACTIVITIES

Ph. D. Registered

| S. No. | Name of the Scholar | Registration Number | Date of Registration | Research Supervisor |
|--------|---------------------|---------------------|----------------------|---------------------|
| 1 | Ms.V.Vanie | PUAJ220190622 | 11.01.2023 | Dr.R.Kavitha |

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.S. Anbuselvi | Asian Journal of Chemistry | <i>In silico</i> Molecular Docking, ADMET Property, Molecular Dynamic Simulation Evaluation of N,N'-bis(2-Hydroxybenzylidene)-1,2-diaminobenzene and its Complexes against SARS-CoV-2 | September 2022, 10, 2573-2582 | 4.568 | Scopus |
| 2. | Dr.L. Akilandeswari | Journal of Chemical Science | [1, 5]-halo Shift in Perturbed Pericyclic System of Heterosubstituted Pentadienes - A DFT exploration | October 2022, 134,107. | 1.573 | WoS |
| 3. | Dr.E.Akila | International Journal of Life Science and Pharma Research | Synthesis and Biological Studies of Schiff base Metal(II) Complexes Derived from Isatin | January 2023, 13, 209-217 | 0.987 | WoS |
| 4. | Dr.V.Janaki | Environmental Technology and Innovation | Heavy Metal Accumulation in Selected Fish Species from Pulicat lake, India and Health Risk Assessment | June 2022, 27, 102744 | 7.7 | Scopus |
| 5. | Dr.V.Janaki | Chemosphere | A hybrid Technique for Sulfamethoxazole (SFM) Removal using Enterobacter hormaechei HaG-7: Bio-Electrokinetic Degradation, Pathway and Toxicity | December 2022, 313, 137485 | 7.08 | Scopus |
| Ph.D. SCHOLARS | | | | | | |
| 1. | R.Gandhimathi | Asian Journal of Chemistry | <i>In silico</i> Molecular Docking, ADMET Property, Molecular Dynamic Simulation Evaluation of N,N'-bis(2-Hydroxybenzylidene)-1,2-diaminobenzene and its Complexes against SARS-CoV-2. | September 2022, 10, 2573-2582 | 4.568 | Scopus |

PARTICIPATION

Paper Presentations:


| S. No. | Name of the Faculty | Date | Title of the Seminar/Conference/Symposium & Host Institution | Title of the Paper |
|-----------------------|---------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FACULTY | | | | |
| 1. | Dr.A.Kalpna | 01.03.23 | International Conference on “Influence of Chemistry in the Transition towards Green Economy” at Post Graduate & Research Department of Chemistry, PSGR Krishnammal College for women, Coimbatore. | <i>In Silico</i> Analysis of Drug-likeness of Some Anthraquinones |
| 2. | Dr.V.Janaki | 18.11.22 & 19.11.22 | International Conference on “Recent Advances in Allied Health and Biological Science Research” at Reva University, Bengaluru. | Significance of Bacterial Extracellular –Polyaniline Nanocomposite for Removal and Detoxification of Cr(VI) from Aqueous Solution |
| Ph.D. SCHOLARS | | | | |
| 1. | R.Gandhimathi | 2.03.23 & 3.03.23 | International Conference on “Emerging Trends in Nanomaterials and Devices (ICONMD-23)” at Department of Physics, Vellalar College for Women, Erode. | Synthesis, Characterisation, Antimicrobial, Antioxidant, Anticancer property of 6,6' (2-methyl 1,3- phenylene) <i>bis</i> (azan-1-yl-1-ylidne) <i>bis</i> (methan-1-yl-1) |
| 2. | T. Sundari | 16.03.23 & 17.03.23 | International Conference on “Recent Advancement & Journey of Medicobiological and Material Science (ICRAJMMS-2023)” at K.S.R College of Arts and Science for Women, Tiruchengode. | GC-MS Analysis of Cucumis Pubescens Willd |

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




| S. No. | Name of the Faculty | Date/ Duration | Title of the Programme | Host Institution & Sponsored by |
|----------------|-------------------------|---------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| FACULTY | | | | |
| 1 | All the Faculty Members | 19.12.22 & 20.12.22 | An Overview on Indian Knowledge System and Intellectual Property Rights | IQAC, Sri Sarada College for Women (Autonomous), Salem-16. |
| 2 | Dr.E.Akila | 31.10.22-15.11.22 | Refresher Course in Chemistry | UGC-HRDC, North Eastern Hill University, Shillong. |
| 3 | Dr.T.Elakkiya | 07.10.22-20.10.22 | Refresher Course in Chemistry | UGC-HRDC, Bharathiar University, Coimbatore |
| 4 | Dr.R.Kavitha | 14.09.22-27.09.22 | Refresher Course in Chemistry | UGC-HRDC, Madras University, Chennai |
| 5 | Dr.K.Bharathi | 05.07.22-11.07.22 | A Faculty Development Program on Cancer Awareness | Guru Angad Dev Teaching Learning Centre, STGB Khalsa College, University of Delhi under PMMMNMTT of MoU |
| 6. | All | 05.04.23 | Role of IQAC in exploration and exaltation of institutional activities | IQAC, Sri Sarada College for Women(Autonomous), Salem-16 |
| 7. | All the Faculty Members | 06.04.23 | Artificial Intelligence in Health Care | PG & Research Department of Computer Science, Sri Sarada College for Women (Autonomous), Salem-16 |



ACTIVITIES FOR STUDENTS' SUPPORT AND PROGRESSION

Students' Induction Programme: Department Orientation




| Date | Topics Covered | No. of Beneficiaries | Geo Tagged Photos |
|------------|------------------------------------|----------------------|------------------------------------------------------------------------------------|
| 12.09.2022 | Know your Department (For I UG) | 32 |  |

Bridge Course




| Date & Duration | Class | Concepts Covered | No. of Beneficiaries | Geo Tagged Photos |
|-----------------|-------------------|---------------------|----------------------|--------------------------------------------------------------------------------------|
| 13.09.2023 | I B.Sc. Chemistry | Basics of Chemistry | 40 |  |
| 15.9.2022 | I B.Sc. Physics | Basics of Chemistry | 40 |  |
| 15.9.2022 | I B.Sc. Botany | Basics of Chemistry | 44 |  |

| | | | | |
|-----------|----------------------------|----------------------------------------------------|----|------------------------------------------------------------------------------------|
| 15.9.2022 | I B.Sc. Zoology | Basics of Chemistry | 44 |  |
| 15.9.2022 | I B.Sc. Home Science | Basics of Chemistry Theory and Practicals | 40 |  |

Mentor/Mentee Support

| Mentor | No. of Mentees | Counseling Dates | Geo Tagged Photos |
|----------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Dr.S. Geetha | 18 | 20.07.22 03.08.22 17.08.22 07.09.22 21.09.22 19.10.22 02.11.22 16.11.22 07.12.22 21.12.22 04.01.23 18.01.23 01.02.23 15.02.23 01.03.23 15.03.23 |  |
| Dr. K. Bharathi | 13 | | |
| Dr. A. Kalpana | 17 | | |
| Dr. S. Anbuselvi | 21 | |  |
| Dr. L. Akilandeswari | 14 | | |
| Dr.E.Akila | 22 | | |
| Dr. V. Janaki | 14 | |  |
| Dr. T. Elakkiya | 17 | | |
| Dr. K. Revathy | 14 | | |
| Dr. R. Kavitha | 19 | | |


Remedial Coaching



| Class | Dates | | No. of Beneficiaries | Geo Tagged Photos |
|--------|----------------------|----------------------|----------------------|-------------------------------------------------------------------------------------|
| | Odd Semester | Even Semester | | |
| I UG | 19.10.22 to 22.12.22 | 18.01.23 to 16.02.23 | 8 |  |
| II UG | 24.08.22 to 17.11.22 | 4.01.23 to 2.03.23 | 8 |  |
| III UG | 23.08.22 to 18.11.22 | 4.1.23 to 3.3.23 | 7 |  |

Association and its Office Bearers


| Name of the Association | Vice President | Secretary Name & Class |
|------------------------------|---------------------------------------------------------------------------|------------------------------|
| Chemical Science Association | Dr.R. Kavitha, Assistant Professor, PG & Research Department of Chemistry | K.Premi, III B.Sc. Chemistry |

Association Activities

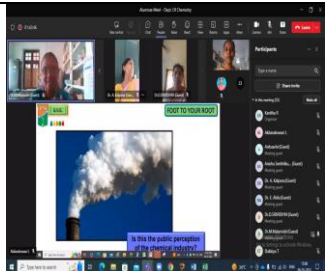
| S. No. | Date | Event | Resource Person & Title | No. of Beneficiaries | Geo Tagged Photo |
|--------|------------|---------|---------------------------------------------|----------------------|---------------------------------------------------------------------------------------|
| 1 | 14.11.2022 | Seminar | Entrepreneurship Opportunities in Chemistry | 107 Students |  |

| | | | | | |
|---|-----------------------|---------------------------------|------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|
| 2 | 14.11.2022 | An Inter Departmental Expo | Best Out of Waste (Innovate With Plastic Junk) | 15 Students |  |
| 3 | 02.11.2022-15.11.2022 | National Level E-Poster Contest | Safety Symbols & First-Aid Measures in Chemistry Lab | 137 Students |  |

MoU Activities:

| S. No. | Date | Name of the Institution/ Organisation | Activities undertaken | No. of Beneficiaries | Geo Tagged Photo |
|--------|----------|----------------------------------------------------------|-----------------------|----------------------|---------------------------------------------------------------------------------------|
| 1. | 20.01.23 | Golden Jubilee Biotech Park, Kanchipuram District-603103 | Industrial Visit | 57 |  |

Alumnae Sharing Expertise Programme on International Women's Day:



| S. No. | Distinguished Alumnae – Name and Designation | Topic | No. of Beneficiaries | Geo Tagged Photo |
|--------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------|---------------------------------------------------------------------------------------|
| 1 | Dr.M. Malarvizhi Assistant Professor & Head, Department of Chemistry, Sri GVG Visalakshi College for Women, Udumalaipet, Tiruppur Dt. | Foot To Your Root-2023 | 55 |  |

Workshops Attended by our Students organized by IQAC

| S. No. | Date | Class | Topic | Resource Person(s) | No. of Beneficiaries |
|--------|------------|-------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1 | 18.10.2022 | I B.Sc. Chemistry | Communication Skills for Professionals | 1. Dr. C. Preetha, M.A., M.Phil., Ph.D. Assistant Professor of English Sri Sarada College for Women (Autonomous) Salem – 636016. 2. Mrs. Renie Johnson, M.A. M.Phil. Assistant Professor of English, Sri Sarada College for Women (Autonomous), Salem – 636016. 3. Dr. D. Ghayathry, M.A., M.Phil., Ph.D. Assistant Professor of English, Sri Sarada College for Women (Autonomous), Salem – 636016. | 32 |
| 2 | 06.12.2022 | I B.Sc. Chemistry | Strengthening the Letter Writing Skills | 1. Dr. R. Renuka Devi, M.A., M.Phil., Ph.D. Assistant Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. 2. Dr. J. Mahaboob Bee, M.A., M.Phil., Ph.D. Assistant Professor of English, Sri Sarada College for Women (Autonomous), Salem - 16. 3. Dr. A. Revathy, M.A., M.Phil., Ph.D. Sri Sarada College for Women (Autonomous), Salem - 16. | 32 |
| 3. | 21.10.2022 | I B.Sc. Chemistry | Mozhipayirchi | 1.Dr. K.Nandhini, Assistant Professor of Tamil, Sri Sarada College for Women (Autonomous), Salem-16. 2. Dr. S.Poongodi, Assistant Professor of Tamil, Sri Sarada College for Women (Autonomous), Salem-16. | 32 |

| | | | | | |
|----|------------|--------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 4. | 19.10.2022 | II B.Sc. Chemistry | Communication Skills for Professionals | 1. Dr. S. Maheswari, M.A., M.Phil., Ph.D. Assistant Professor of English 2. Dr. S. Sangeetha, M.A., M.Phil., Ph.D. Assistant Professor of English 3. Mrs. S. Lavanya, M.A., M.Phil., Assistant Professor of English | |
| 5. | 19.10.2022 | I M.Sc. Chemistry | Soft Skills | 1. Dr. K. Sangeetha, M.A., M.Phil., Ph.D. Assistant Professor of English. 2. Dr. A. Selvalakshmi, Assistant Professor of English. 3. Dr. Esther Juliet Sujatha, Assistant Professor of English. | |

UG/ PG Students' Webinars

| Date | Topic | Resource Person | No. of Papers Presented | No. of Beneficiaries | Geo tagged Photo |
|------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UG | | | | | |
| 29.09.22 | Role of Chemistry in Forensic Science | Dr. V. Ramanan, Scientific Officer, Tamil Nadu Forensic Science Department, Kamarajar Salai, Mylapore, Chennai -600 004. | 19 | 173 |  <p>29 Sept 2022 10:13:06 am Saradha College Main Road Fairlands Salem Tamil Nadu</p> |
| PG | | | | | |
| 30.09.2022 | Chemistry for Better Living | Dr. R. Kannan, M.B.B.S., M.D. (Int. Med.), Assistant Professor, Government Medical College Hospital, Namakkal. | 20 | 76 |  <p>Salem, Tamil Nadu, India Sarada college, New Fairlands, Periya Pudur, Salem, Tamil Nadu 636016, India Lat 11.6775° Long 78.14859° 30/09/22 10:53 AM GMT +05:30</p> |


Internship Programme






| S. No. | Name of the Organization | Number of Students | From – to – Dates | Place |
|--------|-------------------------------|--------------------|---------------------------------------|-----------------------|
| 1. | Sago Serve | 14 | 09.07.2022 to 16.07.2022 & 23.07.2022 | Salem |
| 2. | Bio Micro Laboratories | 1 | 06.07.2022 to 16.07.2022 | Salem |
| 3. | Aavin Company | 11 | 05.07.2022 to 19.07.2022 | Salem |
| 4. | Thangavel Spinning Mills | 7 | 05.07.2022 to 16.07.2022 | Salem |
| 5. | Aabis Food Products Pvt. Ltd. | 2 | 01.07.2022 to 16.07.2022 | Thirupathur |
| 6. | Deva Clinical & Laboratory | 1 | 01.07.2022 to 16.07.2022 | Magudenchavadi, Salem |
| 7. | Alfa Lab Diagnostic Services | 1 | 08.07.2022 to 18.07.2022 | Dharmapuri |

Group Project

| S.No. | Title of the Project | Date(s) | Place | Supervisor | Name of the Students |
|-------|-----------------------------|------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Effects of Plastic on Human | 30.03.2023 | PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous), Salem-16 | Dr.R.Kavitha, Assistant Professor of Chemistry, PG & Research Department of Chemistry, Sri Sarada College for Women (Autonomous), Salem-16 | P.Gowsalya B.Hema Malathi V.G.Indhuja C.Mahavarshini K.Makila K.Nivetha B.Santhiya M.Shalini S.Vaishnavi T.Sivaranjani |

Environmental Field Visit/ Society Connect Activity

| Date | Class | Topic & Place | No. of Beneficiaries | Geo Tagged Photo |
|------------|-------------------|--------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------|
| EVS | | | | |
| 11.2.2023 | I B.Sc. Chemistry | Paper and Plastic Grocery Bag Life Cycle Assessment, Chinnaputhur Salem. | 150 |  |

| Society Connect Activity | | | | |
|--------------------------|---------------------|---------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------|
| 17.12.2022 | I B.Sc. Chemistry | Handmade Soap Making- Entrepreneur Development, Majra Kollapatty, Salem. | 150 |  |
| 15.8.2023 | II B.Sc. Chemistry | The Importance of National Flag – An Awareness, Vattamuthampatty, Salem. | 250 |  |
| 15.8.2023 | III B.Sc. Chemistry | Awareness on Freedom Fighters of Salem and Namakkal District, Vattamuthampatty, Salem | 250 |  |
| 26.01.2023 | III B.Sc. Chemistry | Campaign on Plastic Free Life, Ayyamperumampatti, Salem. | 250 |  |
| 18.3.2023 | I M.Sc. Chemistry | Plastic Pollution and Infectious Diseases, Ayyamperumampatti, Salem. | 100 |  |

| | | | | |
|-----------|--------------------|--------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|
| 15.8.2023 | II M.Sc. Chemistry | Opportunities for Women in Independent India- An Awareness, Vattamuthampatty, Salem. | 330 |  |
|-----------|--------------------|--------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------|

Swayam NPTEL Course Completion (Both Staff & Students)

| S. No. | MOOC Provider (NPTEL/SWAYAM) | Name of the Staff/ Student | Title of the Course | Score in (%) | Month & Year of Passing |
|--------|------------------------------|--------------------------------------|--------------------------------------|--------------|-------------------------|
| 1. | NPTEL | Dr.K. Bharathi, Associate Professor. | Advanced Transition Metal Chemistry | 60 | October 2022 |
| 2. | NPTEL | K. Arunadevi, III B.Sc. Chemistry | Introduction to Polymer Science | 52 | September 2022 |
| 3. | NPTEL | K. Arunadevi, III B.Sc.Chemistry | Introduction to Organic Chemistry II | 43 | October 2022 |
| 4. | NPTEL | K.Makila, II B.Sc.Chemistry | Basics in Inorganic Chemistry | 65 | February 2023 |

STUDENTS' ACHIEVEMENTS

Placement

| S. No. | Name of the Student | Company | Designation | Salary | ON Campus / OFF Campus |
|--------|---------------------------------|-------------------------------------|------------------------------------|-----------|------------------------|
| 1. | P.Padmapriya II M.Sc. Chemistry | MAM Excel School, Erode | Teacher | Rs.15,000 | ON Campus |
| 2. | S.Lokitha II M.Sc. Chemistry | MAM Excel School, Erode | Teacher | Rs.15,000 | ON Campus |
| 3. | S.Revathi II M.Sc. Chemistry | MAM Excel School, Erode | Teacher | Rs.15,000 | ON Campus |
| 4. | K.Premi III B.Sc. Chemistry | Vee Technology, Salem | AR Caller Trainee- Medical Billing | Rs.17,000 | ON Campus |
| 5. | K.Eniyasri III B.Sc. Chemistry | MAM Higher Secondary School, Mettur | Teacher | Rs.12,000 | ON Campus |

Any Other (Prizes/ Awards won by the students)

| S. No. | Name of the Student | Prize (I / II) | Event | Level |
|--------|------------------------------|----------------|--------------------------------------------------------------------------------------------------|---------|
| 1. | S.Lokitha II M.Sc. Chemistry | II | Essay Writing Competition, International Conference on SIR C V Raman, Arivial Sangam, 19.09.2022 | College |

| S. No. | Name of the Student | Prize (I / II) | Event | Level |
|--------|--------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 2. | R.Kaviya II M.Sc. Chemistry | II | Chem Stone at Periyar University Chem Fest 2023, 21.02.2023 | State |
| 3. | E.Bavatharani II M.Sc. Chemistry | II | Chem Stone at Periyar University Chem Fest 2023 , 21.02.2023 | State |
| 4. | S.K.Vidhya Bharathi II M.Sc. Chemistry | II | Chem Go at Periyar University Chem Fest 2023, 21.02.2023 | State |
| 5. | V. Initha II M.Sc. Chemistry | II | Chem Go at Periyar University Chem Fest 2023, 21.02.2023 | State |
| | | II | Chem Art at Periyar University Chem Fest 2023, 21.02.2023 | State |
| | | I | Innovative Ideas/ Models Exhibited at Periyar University “National Science Day-2023”, 28.02.2023 | State |
| 6. | S. Nandhini II M.Sc. Chemistry | I | Innovative Ideas/ Models Exhibited at Periyar University “National Science Day-2023”, 28.02.2023 | State |
| 7. | S.K. Lekasugeerthi II M.Sc. Chemistry | Best Oral Presentation | International Conference on “Influence of Chemistry in the Transition towards Green Economy” at Post Graduate & Research Department of Chemistry, PSGR Krishnammal College for women, Coimbatore, 01.03.2023 & 02.03.2023 | International |
| 8. | E. Kanimozhi II M.Sc. Chemistry | Best Oral Presentation | International Conference on “Influence of Chemistry in the Transition towards Green Economy” at Post Graduate & Research Department of Chemistry, PSGR Krishnammal College for women, Coimbatore, 1.03.2023 & 02.03.2023. | International |
| 9. | S. K. Vidhya Bharathi II M.Sc. Chemistry | Presentation | International Conference on “Influence of Chemistry in the Transition towards Green Economy” at Post Graduate & Research Department of Chemistry, PSGR Krishnammal College for women, Coimbatore, 1.03.2023 & 02.03.2023. | International |
| | | Participated | National Workshop on Nuclear Magnetic Resonance Spectroscopy organized by Gandhigram Rural Institute, 9.3.23 & 10.3.23 | National |
| 10. | K. Lavanya III B.Sc. Chemistry | II | Essay Writing in International Conference on SIR C.V.RAMAN organised by Arivial Sangam, 19.9.22 | Intercollegiate |
| 11. | K. Lavanya & K. Dharshini III B.Sc. Chemistry | I | CHEM Connect in CHEM SHINE - 2K23, Vinakaya Mission Kirubananda Variyar Arts and Science College, Salem, 5.4.2023 | Intercollegiate |
| 12. | R. Nancy III B.Sc. Chemistry | II | CHEM Art in CHEM SHINE -2K23, Vinakaya Mission Kirubananda Variyar Arts and Science College, Salem, 5.4.2023 | College |

| S. No. | Name of the Student | Prize (I / II) | Event | Level |
|--------|-------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------|---------|
| 15. | K. Arunadevi, and K. Premi, III B.Sc. Chemistry | I | CHEM Act in CHEM SHINE -2K23, Vinakaya Mission Kirubananda Variyar Arts and Science College, Salem, 5.4.2023 | College |
| 16. | K. Arunadevi, and K. Premi, III B.Sc. Chemistry | I | CHEM Quiz in CHEM SHINE -2K23, Vinakaya Mission Kirubananda Variyar Arts and Science College, Salem, 5.4.2023 | College |
| 17. | P.Elakkiya I B.Sc. Chemistry | I | Oratorical Competition organized by PG & Research Department of Tamil, Sri Sarada College for Women(A), Salem, 16.12.2022 | College |
| 18. | K. B. Bhavatarani I B.Sc. Chemistry | II | Singing Competition organized by PG & Research Department of Tamil, Sri Sarada College for Women(A), Salem, 16.12.2022 | College |

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

| Class | No. of Students | | | | | |
|----------|-----------------|-----|-----|-----|-----|-----|
| | NSS | NCC | RRC | YRC | CCC | IIC |
| I Year | 9 | 4 | 0 | 4 | 6 | 24 |
| II Year | 15 | 2 | 3 | 14 | 7 | 38 |
| III Year | 11 | 2 | 7 | 5 | 3 | 13 |

COURSES OFFERED BY THE DEPARTMENT TO OTHER MAJOR STUDENTS

1. Advanced Diploma Course

Name of the Course: Applied Chemistry

| | | | | | | |
|----------------------------------------------------------------------------------|------------------|------------------|--------------------|-------------------------|----------------|------------------|
| I Year : Certificate Course Name : Polymer Chemistry Strength : 44 | | | | | | |
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| 1 | - | 2 | 3 | 2 | - | 21 |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 2 | 3 | - | 9 | 1 | | |
| II Year : Certificate Course Name : Water and Dye Chemistry Strength : 29 | | | | | | |
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| - | - | - | - | 3 | 8 | 13 |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 1 | 1 | 1 | - | 2 | | |

2. Non-Major Elective

Number of Students Attended the Course:

| | | | | | | |
|------------------------------------------------------------------------------------|------------------|----------------|--------------------|-------------------|----------------|------------------|
| Non-Major Elective - I: Industrial Chemistry (III - Semester) Strength : 23 | | | | | | |
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| 8 | - | 2 | 2 | 2 | 2 | - |

| | | | | | | |
|---------------|----------------|------------------|-----------------|-------------------------|--|--|
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| - | 2 | 2 | - | 3 | | |

| Non-Major Elective - II: Dairy Chemistry (IV - Semester) | | | | | Strength : 28 | |
|-----------------------------------------------------------------|------------------|------------------|--------------------|-------------------------|----------------------|------------------|
| History | Economics | English | Mathematics | Statistics | Physics | Chemistry |
| 8 | - | 4 | - | - | 2 | - |
| Botany | Zoology | Home Sci. | Commerce | Computer Science | | |
| 4 | - | - | 7 | 3 | | |


3. Non-Major Skill Based

Number of Students Attended the Course:

| UG : Non-Major Skill Based - I : Home Chemistry (V - Semester) Strength: 63 | | | | | |
|------------------------------------------------------------------------------------|------------------|----------------|---------------------|-------------------|-------------------------|
| History | Economics | English | Mathematics | Statistics | Physics |
| 6 | 6 | 6 | 7 | 3 | 4 |
| Chemistry | Botany | Zoology | Home Science | Commerce | Computer Science |
| - | 4 | 3 | 4 | 15 | 5 |

| UG : Non-Major Skill Based - II : Food Chemistry (VI - Semester) Strength: 63 | | | | | |
|--------------------------------------------------------------------------------------|------------------|----------------|---------------------|-------------------|-------------------------|
| History | Economics | English | Mathematics | Statistics | Physics |
| 5 | 7 | 6 | 7 | 4 | 3 |
| Chemistry | Botany | Zoology | Home Science | Commerce | Computer Science |
| - | 5 | 3 | 4 | 14 | 5 |

| PG : Extra Disciplinary Course : Therapeutical Chemistry(III- Semester)Strength: 22 | | | | | |
|--------------------------------------------------------------------------------------------|------------------|-------------------------|----------------|--------------------|----------------|
| History | Economics | Tamil | English | Mathematics | Physics |
| 4 | 4 | - | 5 | 4 | 5 |
| Chemistry | Commerce | Computer Science | | | |
| - | - | - | | | |

| | |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Dr.S.Sankari Associate Professor & Head PG & Research Department of Chemistry Sri Sarada College for Women(A), Salem-16 |
| | All the Staff members of the Department and Student Representatives - Ms.E.Bavatharani II M.Sc. Chemistry Ms.K.Premi III B.Sc. Chemistry |