

From

Dr.G.Saravanan
Assistant Professor & Head
Department of Chemistry
K.S.Rangasamy College of Arts and Science (Autonomous)
Thiruchengode

To

The Principal
K.S.Rangasamy College of Arts and Science (Autonomous)
Thiruchengode

Respected Sir,

Sub: Seeking permission for a Awareness programme-Reg

I hereby bring to your kind notice that our department has planned to conduct a Awareness programme on 17.10.2022 at 10.00 am in At-48 the students about safety measures. The topic of the programme should be "Heavy Metal Pollution in Water System".

Thanking you

Yours Faithfully
(Dr.G.Saravanan)

4-2
7/10/22

Date : 07.10.2022

Place: Tiruchengode


7/10/22

CIRCULAR

07.10.2022

From




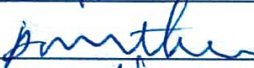


Dr.S.Saravanan

Head /Department of Chemistry,
K.S.Rangasamy College of Arts and Science (Autonomous),
Tiruchengode - 637 215.

To

All the Faculty members and Students,
Department of Chemistry,
K.S.Rangasamy College of Arts and Science (Autonomous),
Tiruchengode - 637 215.

I hereby bring to your kind attention that our department has planned to conduct a self Awareness programme on 17.10.2022 at 10.00 am in AT-48. The topic of programme should be **“Heavy Metal Pollution in Water System”** will presented by Dr.R.P.Suresh Jeyakumar, Assistant Professor, Department of Chemistry, K.S.Rangasamy College Of Arts and Science (Autonomous),Tiruchengode-637 215.

Year	Class	Class In-charge Sign	Student Sign
I	B. Sc., Chemistry		
II	B. Sc., Chemistry		
III	B. Sc., Chemistry		


HOD 7/10/22



**K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE
(AUTONOMOUS)**

Heavy Metal Pollution in Water System

Organized By
Chem Flash Association
Department Of Chemistry

VENUE : AT-48

DATE :17.10.2022

CURRICULUM VITAE

Dr. A. Kathirvel, M. Sc., Ph. D.,

Office

Assistant Professor
Department of Chemistry
K.S. Rangasamy College of Arts & Science
Tiruchengode - 637 215, India
Mobile : +91 - 99423 45518
E-mail : chemkathirvel@gmail.com

Residence

S/o V. Arumugam
3/30, A. Kunnathur
K. Ayyampalayam (Po)
P. Velur (Tk)
Namakkal - 637 213
Tamilnadu, India
Mobile : +91-99423 45518



Objective

To bring my Professional values to the development of the organization. To add value and excellence to the concern that I am working for.

Educational Qualifications

HSC / Degree	Year of passing	University/Institution	Allied/Ancillary Subjects	Percentage/ Grade
Ph.D., Chemistry	2015	Periyar University Campus, Periyar University, Salem, Tamilnadu	-	Highly Commended
M. Sc., Chemistry	2009	Periyar University Campus, Periyar University, Salem, Tamilnadu	-	78%
B. Sc., Chemistry	2006	Kandaswami Kandar's College(Affiliated to Periyar University), Paramathi velur, Tamilnadu	Mathematics and Physics	67%
+2 (HSC)	2003	Government Higher Secondary School, Jedarpalayam, Tamilnadu	Tamil, English, Physics, Chemistry, Mathematics and Biology	75%
10th	2001	Government Higher Secondary School, Pilikkalpalayam, Tamilnadu.	Tamil, English, Science, Mathematics and Social science	80%

Field of Research: Phytochemistry

Title of the Ph.D.: "Studies of Phytochemical Properties, Isolation, Structural Elucidation and Biological Applications of Bioactive Compounds Present in *Terminalia chebula* and *Dryopteris cochleata* Extracts"

List of Publications

1. Sivakumar, K., Kathirvel, A., Lalitha A. 2010. Simple and efficient method for the synthesis of highly substituted imidazoles using zeolite-supported reagents. *Tetrahedron Letters*, 51, 3018–3021. **Impact Factor 2.4.**
2. Kathirvel, A and Sujatha V. 2011. Phytochemical analysis and antioxidant activity of *Barringtonia acutangula* (L.) Gaertn. leaves. *International Journal of Pharmacy and Pharmaceutical Sciences*, 4(2), 277-281, **Impact Factor 1.7.**
3. Deepika Priyadharshini, S., Kathirvel, A., Velu, D., Kokila K and Sujatha, V. (2012). Comparative study of four *Cassia* species through their preliminary phytochemical evaluation. *Chemical Research Letters*, 1, 25-32.
4. Kathirvel, A and Sujatha, V. 2012. Phytochemical studies of *Cassia occidentalis* Linn. flowers and seeds in various solvent extracts. *International Journal of Pharmacognosy and Phytochemical Research*, 3(4), 98-104.
5. Kathirvel, A and Sujatha, V. 2012. *In vitro* assessment of antioxidant and antibacterial properties of *Terminalia chebula* Retz. leaves. *Asian Pacific journal of Tropical Biomedicine*, S788-S795, **Impact Factor: 0.5.**
6. Kathirvel, A and Sujatha, V. 2012. Phytochemical studies, antioxidant activities and identification of active compounds using GC-MS of *Dryopteris cochleata* leaves. *Arabian Journal of Chemistry*, (DOI:10.1016/j.arabjc.2012.03.018), **Impact Factor: 3.7.**
7. Kathirvel, A., Rai, A.K., Maurya, G.S., Sujatha, V. 2014. *Dryopteris cochleata* rhizome: A nutritional source of essential elements, phytochemicals, antioxidants and antimicrobials. *International Journal of Pharmacy and Pharmaceutical Sciences*, 6(2), 179-188. **Impact Factor 1.70.**
8. Sujatha, V., Kathirvel, A. Prakash S. and Balasubramaniyan, M. 2014. Phytochemical and antioxidant properties of *Anemia wightiana* leaf extracts. *Indian chemical society*, 92, 891-894. **Impact Factor 0.3.**

List of Papers in Conferences / Seminars

International Conferences: 15

1. **Kathirvel A**, Deepika Priyadharshini S and Sujatha V. 2011. Antioxidant activity of *Cassia occidentalis* seed extracts through their radical scavenging activities. *International Seminar on "Emerging Trends in Life Science"*, Navarasam Arts & Science College for Women, Erode, 18 August, 119.
2. Deepika Priyadharshini S, **Kathirvel A** and Sujatha V. 2011. Antioxidant Evaluation of *Amaranthus tristis* stem extracts through assay guided comparison. *International Seminar on Emerging trends in Life Science* Navarasam Arts & Science College for Women, Erode, 18 August, 118.
3. Deepika Priyadharshini S, **Kathirvel A** and Sujatha V. 2011. Assesment of *in vitro* antioxidant capacity and composition for various crude extracts of *Solanum erianthum* seeds. *International Symposium on Functional Foods and Health*, Department of Food Science, Periyar University, Salem, 19th November, 44.
4. **Kathirvel A**, Deepika Priyadharshini S and Sujatha V. 2011. Investigation of Phytochemical properties and antioxidant evaluation of *Terminalia chebula* Retz. Leaf extracts. *International Symposium on Functional Foods and Health*, Department of Food Science, Periyar University, Salem, 19th November, 44.
5. Deepika Priyadharshini S, **Kathirvel A** and Sujatha V. 2011. Assesment of *in vitro* antioxidant capacity, Phenolic and Flavonoid content of *Hyptis suaveolens* Poit. Leaf extracts. *International Conference on Synthetic and Structural Chemistry (ICSSC-2011)*, Department of Chemistry, Mangalore University, Karnataka, 8th-10th December, 83.
6. **Kathirvel A**, Deepika Priyadharshini S and Sujatha V. 2011. *In vitro* antioxidant activities, total phenolic and flavonoid contents of *Dryopteris cochleata* rhizome extracts. *International Conference on Synthetic and Structural Chemistry*, Department of Chemistry, Mangalore University, Karnataka, 8th-10th December, 87.
7. Deepika Priyadharshini S, Velu D, Kokila K, **Kathirvel A** and Sujatha V. 2012. Qualitative and quantitative analysis of phenolic(s) and flavonoid(s) present in *Albizia amara* bark through *in vitro* biochemical assays. 33rd IABMS Conference, "International Symposium on Recent Trends and Advances in Biomedical Research –An Integrated Approach." Nitte University, Karnataka, 1-3rd November, 113.
8. **Kathirvel A**, Deepika Priyadharshini S, and Sujatha V, 2012. Determination of secondary metabolites and free radical scavenging activity of *Barringtonia acutangula* flowers. 33rd IABMS Conference, "International Symposium on Recent Trends and Advances in Biomedical Research –An Integrated Approach". Nitte University, Karnataka, 1-3rd November, 141.
9. Kokila K, Deepika Priyadharshini S, Velu D, **Kathirvel A** and Sujatha V. 2012. Evaluation of *in vitro* antioxidant activity of *Albizia amara* Leaves. 33rd IABMS Conference, "International Symposium on Recent Trends and Advances in Biomedical Research –An Integrated Approach". Nitte University, Karnataka, 1-3rd November, 142.
10. Sujatha V and **Kathirvel A**. 2012. Phytochemical evaluation and identification of active compounds present in *Angiopteris evecta* rhizome using GC-MS analysis. 33rd IABMS Conference, "International Symposium on Recent Trends and Advances in Biomedical Research–An Integrated Approach". Nitte University, Karnataka, 1-3rd November, 83. (Best Paper Presentation Award).
11. **Kathirvel A**, Venkatesan A, Rai A. K, Maurya G. S. Kumar, R. Jyotsana A. and Sujatha V. 2013. Antioxidant profile and elemental analysis of *Adiantum hispidulum* leaves extract using phytochemical studies and laser induced breakdown spectroscopy. "International

- Conference on Biological Inorganic Chemistry". Department of Chemistry, Periyar University, Salem, TN, India, Feb 20-22, 2013, 243.
12. Sujatha V, Kathirvel A, Prakash S and Balasubramaniam M. 2013. Phytochemical and antioxidant properties of *Anemia wightiana* leaf extracts. "International Conference on Emerging Trends in Chemical Sciences", Department of Chemistry, School of Advanced Sciences, VIT University, December 5th -7th, Vellore, 65.
 13. Kathirvel A., 2017. Synthesis and Characterisation of Manganese Oxide nanoparticles from *Ichnocarpus frutescens* leaf extract. "International Conference on Frontiers of nanomaterials", Department of Chemistry, Shri Sakthi Kailash Women's College, Salem, July 14.
 14. R. Manjula, M. Thenmozhi, M. Madan, R. Srinivasan and A. Kathirvel, 2019. Synthesis and Characterisation of Copper oxide nanoparticle from *Ichnocarpus frutescens* leaves extract. "2- International Conference on Recent Trends in Applied Science and Technology", Department of Chemistry, Periyar University, Salem, August 23-25.
 15. Kathirvel A., 2019. Green synthesis and characterisation of Manganese oxide nanoparticle from *Gardenia resinifera* leaves extract. "International Conference on Emerging Materials and Modeling", Department of Physics, K. S. Rangasamy College of Arts and Science, Thiruchengode, Jan 9-7.

National Conferences: 25

1. Kathirvel A, Vidyabathy R and Sujatha V. 2010. Antioxidant activity and free radical scavenging property of *Terminalia chebula* Retz. leaves in chloroform and methanol extracts. XXXI Annual Conference of Indian Association of Biomedical Scientists. Thiruchengode, 29th-31st October, SS-39.
2. Kamala E, Kathirvel A, Chidambaram K and Sujatha V. 2011. Determination of total Antioxidant content, Free radical scavenging activity and estimation of various biochemical components in *Cassia occidentalis* Linn. flower extracts. National Seminar on Frontiers in Organic Synthesis and Medicinal Chemistry, Department of Chemistry, Periyar University, Salem, February, 17th & 18th, 31.
3. Kathirvel A, Mani P and Sujatha V. 2011. Determination of Total Phenolic, Flavonoid Content in Chloroform-Methanol Leaf Extract of *Barringtonia acutangula* Gertn through Various Biochemical Assays. National Seminar on Frontiers in Organic Synthesis and Medicinal Chemistry, Department of Chemistry, Periyar University, Salem, 17th & 18th February, 72.
4. Deepika Priyadharshini S, Kathirvel A and Sujatha V. 2011. Antioxidant activity of *Cassia fistula* flowers. National Seminar on Recent Trends in Synthetic Methods and Chemistry of Natural Products, Department of Chemistry, Annamalai University, Chidambaram, 14th & 15th October, 83.
5. Kathirvel A, Deepika Priyadharshini S and Sujatha V. 2011. Phytochemical Evaluation of *Dryopteris cochleata* Leaves through Antioxidant assays. National Seminar on Recent Trends in Synthetic Methods and Chemistry of Natural Products, Department of Chemistry, Annamalai University, Chidambaram, 14&15th October, 82.
6. Kathirvel A, Deepika Priyadharshini S and Sujatha V. 2012. Phytochemical Screening and Antioxidant Activity of *Rauvolfia tetraphylla* Linn. National Seminar on "Emerging Trends in Plant Science", Department of Botany, Periyar University, Salem, 30th January, 26. (Best Paper Presentation Award).
7. Deepika Priyadharshini S, Kathirvel A, D. Velu, K. Kokila and Sujatha V. 2012. In vitro Investigation of the Antioxidant Activities Present in *Solanum erianthum* Leaves. National

Seminar on "Emerging trends in plant sciences", Department of Botany, Periyar University, Salem, 30th January, 25.

8. **Kathirvel A** and Sujatha V, 2012. Antioxidant activity of *Angiopteris evecta* leaves. 12th Tamil science conference, Periyar University, Salem, 23-25th August, 337.
9. Deepika Priyadharshini S, Kokila K, Velu D, **Kathirvel A** and Sujatha V, 2012. Antioxidant profile of *Albizia amara* seeds. National Conference on "Current Scenario and Emerging Trends in Hepatocellular Diseases", Department of Biochemistry and Molecular Biology, Pondicherry University, Puducherry, 5th-6th October, 23.
10. **Kathirvel A**, Deepika Priyadharshini S and Sujatha V, 2012. Determination of secondary metabolites and antioxidant activity of *Angiopteris evecta* stem. National Conference on "Current Scenario and Emerging Trends in Hepatocellular Diseases", Department of Biochemistry and Molecular Biology, Pondicherry University, Puducherry, 5th-6th October, 25.
11. Kokila K, Deepika Priyadharshini S, Velu D, **Kathirvel A** and Sujatha V. 2012. Study on Phytochemical Investigation of *Albizia amara* Leaves. National Conference on "Current Scenario and Emerging Trends in Hepatocellular Diseases", Department of Biochemistry and Molecular Biology, Pondicherry University, Puducherry, 5th-6th October, 39.
12. **Kathirvel A**, Rai A. K, Maurya G. S. and Sujatha V. 2013. Antioxidant activity and element analysis of *Terminalia chebula* bark using phytochemical studies and laser induced breakdown spectroscopy. "National Laser Symposium-22", Bhabha Atomic Research Centre, Trombay, Mumbai, India, 6th-9th February, 113.
13. Venkatesan A, **Kathirvel A** and Sujatha V, 2013. Antioxidant profile and identification of bioactive compounds present in *Terminalia chebula* bark using GC-MS analysis. National seminar on "Implications and Interventions of Phytomedicine in Disease Management". Department of Biochemistry, Periyar University, Salem, 18th-19th February, 55.
14. **Kathirvel A**, Rai A. K, Maurya G. S. and Sujatha V. 2013. Elemental analysis of various parts of *Dryopteris cochleata* and *Dryopteris sparsa* using Laser-Induced Breakdown Spectroscopy. National seminar on "Implications and Interventions of Phytomedicine in Disease Management". Department of Biochemistry, Periyar University, Salem, 18th-19th February, 57.
15. **Kathirvel A**, Rai A. K., Maurya G. S. and Sujatha V. 2013. LIBS and GC-MS analysis of *Anemia wightiana* leaves extracts. National symposium on "Herbs: A natural wonder for disease and pest control", Department of Biotechnology, Periyar University, Salem, 20th August, 12.
16. Venkatesan A, **Kathirvel A** and Sujatha V 2013. Antioxidant studies of *Anemia wightiana* leaf extracts. National symposium on "Herbs: A natural wonder for disease and pest control", Department of Biotechnology, Periyar University, Salem, 20th August, 10.
17. Sujatha V, **Kathirvel A**, Prakash S and Venkatesan A. 2013. Identification of bioactive compounds from *Barringtonia acutangula* flower extract using GC-MS analysis. National symposium on "Herbs: A natural wonder for disease and pest control", Department of Biotechnology, Periyar University, Salem, 20th August, 11.
18. **Kathirvel A**, Rai A. K, Maurya G. S. and Sujatha V. 2014. Phytochemical studies and elemental analysis of *Barringtonia acutangula* leaves and seed extracts – A comparison. National laser symposium-22, Department of atomic and molecular physics, Manipal University, Karnataka, India, 8-11th January, 177.
19. **Kathirvel A**, Prakash S., Venkatesan A., Rai A. K, Maurya G. S. and Sujatha V. 2014. Elemental analysis of leaves and stem of *Asparagus racemosus* using LIBS and their

antioxidant properties – A comparison. *National laser symposium-23*, Department of physics, Sri Venkateswara University, Tirupati, Anthrapradesh, India, 3-6th December, 189.

20. Prakash, S. Venkatesan, A. Prabakaran, R. **Kathirvel**, A. Sujatha. V. 2015. Investigation of phytochemical constituent and various *in vitro* antioxidant activities of *Ficus hispida* fruits extracts, National seminar on Recent Advances in Chemistry, Department of Chemistry, Kandaswami Kandar's College, Paramathi velur, Namakkal district, Tamil Nadu. India, 13 & 14th August, 87.
21. Hemalatha, N. Sujatha, V. Venkatesan, A. Srinivasan R. **Kathirvel**, A. 2015. Phytochemical studies, antimicrobial activity and GC-MS analysis of *Microstachys chamaelea* leaves extracts, National seminar on Recent Advances in Chemistry, Department of Chemistry, Kandaswami Kandar's College, Paramathi velur, Namakkal district, Tamil Nadu. India, 13 & 14th August, 150.
22. Srinivasan, R. Natarajan, D. **Kathirvel**, A. 2015. Phytochemical analysis and antimicrobial activity of leaf extracts of *Elaeagnus indica* servett. National seminar on Recent Advances in Chemistry, Department of Chemistry, Kandaswami Kandar's College, Paramathi velur, Namakkal district, Tamil Nadu. India, 13 & 14th August, 139.
23. **Kathirvel, A.** Sarath kumar, M. Hariharan, G. Sujatha, V. Srinivasan, R. 2015. Antioxidant, antimicrobial activity and phytochemical profile of *Bombax malabaricum* flower extracts. National seminar on Recent Advances in Chemistry, Department of Chemistry, Kandaswami Kandar's College, Paramathi velur, Namakkal district, Tamil Nadu. India, 13 & 14th August, 42.
24. Kathirvel A., 2018. Green synthesis and characterisation of Zinc oxide nanoparticle from *Gardenia resinefera* leaves extract. National Conference on Recent Trends in Chemistry, Department of Chemistry, Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore, Feb- 02.
25. Kathirvel A., 2016. Green Synthesis of Zinc nanoparticles from *Ichnocarpus frutescence* leaves extract. National Conference on Computational and experimental Physics of Functional Materials, Department of Physics, K. S. R. College of Arts and Science for Women, Thiruchengode, December 16,17.

State Level Conferences: 1

1. Kathirvel A., 2018. Green synthesis and characterization of Selenium nanoparticles using *Ichnocarpus frutescence* leaf extract, State level seminar on Recent developments in Chemistry and Nano science, Department of Chemistry, Arignar Anna Government Arts College, Namakkal, 5- January, 2018.

Participated in the Workshops/ Conferences/ Seminars/ Symposia

International Conferences: 5

1. Huboldt Kolleg and International conference on “Recent Advancements in Earth Resources Research: The Road to the Future (Earth-Future)”, Periyar University, Salem, 7-9th September, 2011.
2. “International conference on Biologically Active Molecules”, Gandhigram rural institute- Deemed University, Dindigul, 8-10th March, 2012.
3. International Workshop on “Advanced Food Analytical Techniques”, Department of Food Science, Periyar University, Salem, 20th January-2012.

4. International Conference on **“nanomaterials and nanotechnology”**, K. S. Rangasamy College of Arts and Science, Thiruchengode, 7 – 10 December, 2015.
5. International Colloquium, ACM Distinguished Speaker Programme on **“study of cognitive ability of human brain”**, Department of Computer science and Application, K. S. Rangasamy College of Arts and Science, Thiruchengode, 20th July, 2018.
6. 4th International Conference on Chemical and Environmental Research, Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, 19- December, 2019.

National Conferences: 20

1. National conference on **“Advances in Surface and Interface Analysis”**, Department of Chemistry, Periyar University, Salem, 13 & 14th December, 2007.
2. **“Recent advances in Spectroscopy”**, Department of Physics, Kandaswami Kandar’s College, Vellur, Namakkal, 23 & 24th January, 2009
3. **“Recent advances in chemical sciences”**, Department of Chemistry, Periyar University, Salem, 23 & 24th March, 2009
4. Ninth DAE-BRNS **“National Laser Symposium”**, Bhabha Atomic Research Centre, Mumbai, 13 - 16th January, 2010.
5. **“Emerging Trends in Biotechnological Approaches for Infectious Disease Management”**, Department of Biotechnology, Periyar University, Salem, 29th November, 2010.
6. National conference on **“Emerging Trends in Material Science”**, Department of Physical Science and Electronics & Communication, Muthayammal college of Arts and Science, Rasipuram, Namakkal, 4 & 5th February, 2011.
7. National Seminar on **“Current Trends in Viral Disease and Its Diagnosis”**, Department of Microbiology, Periyar University, Salem, 3 & 4th March, 2011.
8. UGC Sponsored State level seminar on **“Recent Trends in Chemistry”**, PG & Research Department of Chemistry Government arts college (Autonomous), Salem, 14th March, 2011.
9. National seminar on **“Current Innovations and Recent Trends in Cancer Biology”**, Department of Biochemistry, Periyar University, Salem, 24th October, 2011.
10. National seminar on **“Enzymes and Biocatalysis, The Versatile Actors: Current Trends and Future Perspectives”**, Department of Biochemistry, Periyar University, Salem, 5 & 6th January, 2012.

11. National seminar on **"Global Environmental Issues and Remediation Technologies"**, Department of Environmental Science, Periyar University, Salem, 3rd February, 2012.
12. UGC sponsored one day seminar on **"Recent Trends in Chemistry"**, Department of Chemistry, Periyar University, Salem, 20th March, 2012.
13. National Science Academies' lecture Workshop on **"Modern Trends in Chemistry"**, Centre of Nanoscience and Nanotechnology, Periyar University, Salem, 13 & 14th August, 2012.
14. Workshop on **"Application of Radioisotopes in Chemical Science"**, Department of Chemistry, Periyar University, Salem, 28th September, 2012.
15. National Seminar on **"Current Trends in Biology and Biotechnology"**, Department of Biotechnology and Botany, Periyar University, Salem, 11th March, 2013.
16. National Seminar on **"Emerging Trends in Chemistry"**, Department of Chemistry, AVS College of Arts and Science, Salem, 15th March, 2013.
17. Seminar on **"Recent Trends in Biotechnology and Chemistry"**, Department of Biotechnology and Chemistry, Jairam Arts and Science College, Salem, 25th September, 2013.
18. Seminar on **"Trends in Protein Engineering"**, Department of Zoology, Periyar University, Salem, 21st November, 2013.
19. Seminar on **"Materials for Advanced Technology"**, Department of Physics, Periyar University, Salem, 21st February, 2014.
20. National conference on **"Recent Advances in New and Renewable Energy"**, Centre for New and Renewable Energy Studies, Periyar University, Salem, 27th February, 2014.
21. National level workshop on **"Advance Characterization Techniques"** Department of Chemistry, Periyar University, Salem, 29 & 30, January, 2015.
22. BRNS-AEACI eleventh school on analytical chemistry, Bhabha Atomic Research Centre, Mumbai, Nov-30 to Dec-07, 2015.
23. National seminar on **"Contemporary advances in biotechnology"**, Department of biotechnology, Mahendra Arts and Science College, Jan 22, 2016.
24. National workshop on **"entering the life science research arena through big data"**, Department of Computer science and application & biological science, K. S. Rangasamy College of Arts and Science, Thiruchengode, August 23&24, 2016.

25. National conference on “**Frontier areas of materials research**”, Department of Physics, K. S. Rangasamy College of Arts and Science, Thiruchengode, 28, September, 2016.
26. National Seminar on “**Advanced Topics in Physics**”, Department of Physics, Jamal Mohamed College, Tiruchirappalli, 6- March, 2019.

State level Seminar / Workshop : 3

1. State level workshop on “Isolation and preparation of medicinal compounds and eco-friendly materials”, Department of Chemistry, K. S. R. College of Arts and Science for Women, Namakkal, 20- September, 2016.
2. State level workshop on “Oxidane (H₂O) analysis and training on nano characterization techniques”, Department of Chemistry, K. S. R. College of Arts and Science for Women, and Center for Nanoscience and Technology, K. S. Rangasamy College of Technology, Namakkal, 14&15, December, 2017.
3. State level workshop on “Semi micro analysis”, Department of Chemistry, Loyola College, Mettala, 9- January, 2019.

Awards Won

1. **University Research Fellow (URF)** rendered by Periyar University, Salem, Tamil Nadu (2009-2013).

Won Best Paper Presentation Award

1. **Kathirvel A.** Deepika Priyadharshini S and Sujatha V. 2012. Phytochemical Screening and Antioxidant Activity of *Rauvolfia tetraphylla* Linn. “*Seminar on Emerging trends in plant sciences (ETPS-2012)*”, Department of Botany, Periyar University, Salem, 30th January, 26. (**National level**).
2. Sujatha V and **Kathirvel A.** 2012. Phytochemical evaluation and identification of active compounds present in *Angiopteris evecta* rhizome using GC-MS analysis. 33rd *IABMS Conference, “International Symposium on Recent Trends and Advances in Biomedical Research–An Integrated Approach”*. Nitte University, Karnataka, 1-3rd November, 83. (**International level**).

Training Programmes

1. "Computer Hardware: Assembling and Maintenance" by Centre for Instrumentation and Maintenance Facility, Periyar University, Salem, 21 & 22 March 2014.
2. "Computer Hardware and Networking" by Centre for Instrumentation and Maintenance Facility, Periyar University, Salem, 28 & 29 March 2014.

Working experience

Working in Assistant Professor, Department of Chemistry, K.S. Rangasamy College of Arts & Science, Tiruchengode - 637 215 for 6 year 8 months (Jun 2014 upto till).

Worked as Quality Controller (Contract Cutter) in Tamilnadu Newsprint and Paper Limited (TNPL) for 15 month (April 2006 to August -2007).

Knowledge of Computers

Software : MS Office, Origin, SPSS, Chemdraw, Coreldraw.
OS : Windows, Linex

References

Referee:1

Dr. V. Sujatha
Assistant Professor
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Periyar University
Salem-636 011
Tamilnadu, India
Cell No: 94448-886804
E-Mail: sujatha888@yahoo.com

Referee:2

Dr. V. Radhakrishnan
Principal
K.S. Rangasamy College of Arts & Science
Tiruchengode - 637 215
Tamilnadu, India
Cell No: 98949 53153
E-Mail: radkrish25@gmail.com

Personal Information

Father's name	: Mr. V. Arumugam
Date of Birth & Age	: 02.01.1986 & 32
Sex	: Male
Languages Known	: English & Tamil
Nationality	: Indian
Community	: MBC
Marital Status	: Married

Religion

: Hindu

Blood group

: "O"⁺

Hopes and Plans

To enrich the inner ability and skills within myself to give the best output and to become a respectable citizen in life.

Declaration

I certify that the particulars furnished by me are true to the best of my knowledge and belief.

Place: Salem

Signature

[A. KATHIRVEL]

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

TIRUCHENGODE - 637 215

Department of Chemistry

Attendance details

Awareness Program (17.10.2022)

Heavy Metal Pollution in Water System

S. No	Name of the Participant	Signature
III B.Sc Chemistry		
1.	ASHOKKUMAR S	Ashokkumar S
2.	BALAMURUGAN S	Balamurugan S
3.	DEEPAN.S	Deepan S
4.	DHIVYA M	Dhivya M
5.	GOKUL PRASHANTH.D	Gokul Prashanth D
6.	GOKULKANNAN K	Gokulkannan K
7.	GOWTHAM P	Gowtham P
8.	GOWTHAM R	Gowtham R
9.	HARISH K	Harish K
10.	JAGADHEESH KUMAR.R	Jagadheesh Kumar R
11.	JANANEE A	Jananee A
12.	KIRAN R	Kiran R
13.	KRISHNAN S	Krishnan S
14.	MANOJ D	Manoj D
15.	MATHIYARASAN.M	Mathiyarasan M
16.	PAVITHRAN.S.K	Pavithran S.K
17.	PERIYASAMY.S	Periyasamy S
18.	PRADEEPA K	Pradeepa K
19.	PRADEEPAN R	Pradeepan R
20.	PRAWIN.R	Prawin R

21.	PREMKUMAR V	Prem Kumar
22.	RATHIMEENA V.R	Rathini
23.	RAVI BHARATHI R	Ravi Bharathi
24.	SIVASURYA P	Sivasurya P
25.	SRIDHARAN S	Sridharan S
26.	SRIDHARAN.S	Sridharan S
27.	SUHAIL RASITH AHAMED K	Suhail Rasith Ahamed K
28.	SUNDARRAJ P	Sundarraj P
29.	SUPRIYA V	Supriya V
30.	THANISHKA.T	Thanisha T

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31.	AMUTHAKABILAN R	Amutha K
32.	DHARANI S	Dharani S
33.	GAYATHRIDEVI S	Gayathri S
34.	KABILAN K	Kabilan K
35.	LOGESH S	Logesh S
36.	MAGESHWARAN R	R. Magesh
37.	MEIVEL K	Meivel K
38.	MONIKA K	Monika K
39.	NAVEEN R	Naveen R
40.	SIVA K	K. Siva
41.	SUGASH S K	Sugash S K

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42.	GOPINATH P	Gopinath P
43.	INDHU PRIYA K	Indhu Priya K

44.	KARTHICK CHANDRU S	Karthick Chandru
45.	NISHA M (30.03.2005)	Nisha
46.	RAJA S	Raj
47.	SAJEEV T	Sajeev
48.	SANDHIYA S	Sandhya
49.	SANJEEV T	Sanjeev
50.	SARAN KUMAR M	Saran Kumar
51.	SATHIYA P	Sathya
52.	SIVA S	Siva
53.	SIVARAMAKRISHNAN P	Sivarama Krishnan
54.	SOMESH J	Somesh
55.	SOUNDHARA RAJAN P	Soundhara Rajan
56.	SRIKANTH S(RAJESWARI)	Srikanth
57.	UMASHANKAR C	Umasankar
58.	VIMAL RAJ D	Vimal
59.	VISHNU GOUNDER V	Vishnu Gounder

K.S.Rangasamy College Of Arts and Science (Autonomous)

Tiruchengode-637 215

Department of Chemistry

PHOTOS

Topic : Heavy Metal Pollution in Water System

Date & Time: 17.10.2022 & 10.00 am

Venue: AT-48



FIGURE: Dr. A. Kathirvel creates awareness about the pollution in water supplies caused by metals.



FIGURE: He steals the attention of students by his attractive words.

K.S.Rangasamy College Of Arts and Science (Autonomous)

Tiruchengode-637 215

Department of Chemistry

Report

Topic : Heavy Metal Pollution in Water System

Date & Time: 17.10.2022 & 10.00 am

Venue: At-48

The department of chemistry has organized a Self Awareness programme to the all under graduate students on the topic of “**Heavy Metal Pollution in Water System**” on 17.10.2022. The resource person of this programme Dr.A.Kathirvel Assistant Professor, Department of Chemistry, K.S.Rangasamy College Of Arts and Science (Autonomous), Tiruchengode-637 215.

The programme started with Tamilthai valzhthu by Ms.Dhivya sri M and Ms.Gayathri R of I M.Sc Chemistry. The welcome address of the program was delivered by Mr.S.Ruba, Assistant Professor, Department of Chemistry. The felicitation address was delivered Dr.R.P.Sureshjeyakumar, Assistant Professor, Department of Chemistry.

Dr.A.Kathirvel, delivered that how students should develop their knowledge on self awareness in heavy metal Pollution in water system. Then he delivered that the metal pollution in different types of water system and causes. 60 Students have participated in this programme. The program was concluded through the vote of thanks by Dhivya of III –B.Sc chemistry. She thanks our management, the Principal, the Head of the Department and Faculty members for arranging this wonderful awareness program. And also she gives special thanks on behalf of all students to Dr.A.Kathirvel, for his guidance and metal pollution awareness.

HOD