Name	: Dr.V.SELVAM
Designation	: Assistant Professor of Chemistry
Date of Birth	: 04-03-1986
Date of Appointment	: 03-08-2017
Address	: No. 8, Jawaharlal Street, Tirunelveli Town
Phone	: 0462-2342054
Mobile	: 9787240899
Mail id	: selvam.che@gmail.com

Papers presented in the international/National Seminars/Conferences

1. Presented Facile one pot synthesis of V_2O_5 for instantaneous discoloration of organic pollutant, RABAMCHEM-2017, VHNSN College, Virudhunagar – 626001.
2. Presented A Paper entitled AgI nanoparticles: Facile synthesis and green approach towards the environmental remediation on International Conference Entitled Recent Advances in Materials for Energy and Environmental Remediation (RAMEER – 2018) organized by PG & Research Dept. of Chemistry, VHNSN College, Viruthunagar held on 28th June 2018.
3. Presented “Chitosan functionalized multiwalled carbon nanotubes reinforced epoy bionanocomposites for electronic industries”. IIIrd International conference on Natural polymers, (ICNP-2012) M.G .University Kerala
4. Presented “Biodegradable epoxy nanocomposites developed using epoxidized chitosan nanoparticles”. International Conference on Recent Advanced Composite Materials, (ICRACM-2013) Goa.
5. Presented (Short Invited Talk) “Synthesis and Characterisation of Silane modified chitosan/epoxy Composites” Ist International conference on Construction Materials, (ICNC-2013) M.G. University Kerala.
6. Presented “Preparation and thermal characterisation of chitosan nanoparticles reinforced epoxy bionanocomposites, International Conference on Energy Efficient Technologies for Sustainability” , 2013 pp. 1471-1474.
7. Presented “Effect of silane functionalization on the properties of iron oxide nanoparticles/UP toughened epoxy nanocomposites”. International Conference on Engg Materials. (ICEM-2012) Singapore.

8. Presented “Studies on mechanical properties of kevlar fiber reinforced iron oxide filled epoxy nanocomposites" has been accepted for Oral presentation in the 4th International Conference on Multi-Functional Materials and Structures (MFMS 2013) Bangkok, Thailand on 14-17 July 2013.
9. Presented Development And Mechanical Studies Of Glass Fibre And Iron Oxide Doped CNT Reinforced Epoxy Nanocomposites, ICFIMEMM-2016, Karur – 639 113.
10. Presented Testing and Evaluation of Mechanical Properties in Hybrid Fiber Composite Material with Filler Alumina, ICABCMS’16, Trichy – 629003

Papers published in the Journals (With ISSN)

1. V. Selvam, P. Senthil Kumar, G. T. Senthil Andavan, Photocatalytic degradation of organic contaminants by g-C3N4/EPDM nanocomposite film: viable, efficient and absolutely recoverable, Material Science and Engineering C 2018, 88, 188-194.
2. Muthaiah Annalakshmi, Arumugam Sangili, Shen-Ming Chen, Tse-Wei Chen Xiaoheng Liu V. Selvam, “Novel Electrochemical Sensor for Highly Sensitive Detection of Adenine Based on Vanadium Pentoxide Nanofibers Modified Screen Printed Carbon Electrode” Int. J. Electrochem. Sci., 13 (2018) 6218 – 6228.
3. R. Karthik, J. Vinoth Kumar, S.M. Chen, P. Balasubramanian, V. Muthuraj, V. Selvam, A novel cerium tungstate nanosheets modified electrode for the effective electrochemical detection of carcinogenic nitrite ions, Electroanalysis, 2017, 29, 1 – 11 (IF: 2.471)
4. Rajalakshmi Sakthivel, S Dhanalakshmi, Shen-Ming Chen, Tse-Wei Che, V. Selvam, Sayee Kannan Ramaraj, Wen-Hui Weng, “A Novel Flakes-Like Structure of Molybdenum Disulphide Modified Glassy Carbon Electrode for the Efficient Electrochemical Detection of Dopamine”, International Journal of Electrochemical Science, 12 (2017) 9288 – 9300. (IF: 1.69)
5. R. Karthik, J.Vinoth Kumar, S.M. Chen, P. Senthil Kumar, V. Selvam, V. Muthuraj, A selective electrochemical sensor for caffeic acid and photocatalyst for metronidazole drug pollutant - A dual role by rod-like $SrV_2O_{6,}$ Scientific report, 7, 1, 7254-7257 (IF: 4.8)
6. J. Vinoth Kumar, R. Karthik, S.M. Chen , N. Raja, V. Selvam, V. Muthuraj, Evaluation of a new electrochemical sensor for selective detection of non-enzymatic hydrogen peroxide based on hierarchical nanostructures of zirconium molybdate, Journal of colloid and interface sciences, 2017, 500, 44-53 (IF: 4.233)

7. Periyalagan Alagarsamy, G. Navaneetha Krishnan, Shen-Ming Chen, Thangavelu Kokulnathan, Tse-Wei Chen, Nehru Raja, Xiaoheng Liu, In-Seok Hong, V. Selvam, International Journal of Electrochemical Science, 12 (2017) 6842 – 6852. (IF: 1.69)
8. V. Selvam et al "Mechanical studies on Chitosan functionalized multiwalled carbon nanotube reinforced epoxy bionanocomposites" Asian Journal of Chemistry Vol. 26, No. 24 2014 17974-17978.
9. V. Selvam et.al. "Development and mechanical characterization of chitosan blend epoxy biocomposites", Int. J. Chem. Sci.: 11(2), 2013, 1103-1109. (IF: 0.6)
10. G. Navaneethakrishnan V. Selvam et al Development and mechanical studies of glass/banana fiber hybrid reinforced silica nano particles with epoxy bio-nanocomposites. Journal of Chemical and Pharmaceutical Sciences.7 pp197-199 2015. (IF: 0.6)
11. J. Ben Samuel , M. John Prabhar , S. Julyes Jaisingh, V. Selvam and C. Kalaivanan, Impact studies of Kevlar fibre reinforced siliconized iron oxide nanoparticles filled epoxy nanocomposites, Journal of Chemical and Pharmaceutical Sciences.7 pp- 85-87, 2015. (IF: 0.6)
12. Julyes jaisingh, V. Selvam et.al. "Thermal and mechanical properties of unsaturated polyester toughened epoxy – siliconized iron (III) oxide nanocomposites" Indian Journal of Engineering ,and material science, Vol. 21 (2) April 2013, pp.241-245.
13. M. Vadivel M. S C Kumar, V. Selvam et al "Thermal and Morphological Studies on Bismaleimide Modified ZnO Nano Particles, Asian Journal of Chemistry; Vol. 26, No. 13 (2014).
14. SureshChandrakumar, V. Selvam, et al. (2012) "synthesis and characterization of chitosan/silane modified iron (iii) oxide nanoparticles composite membrane". International journal of engineering science and advanced technology, Vol. 2, Issue-5, 1258 – 1263.
15. Julyes jaisingh, V. Selvam, et al., "Electrical and Thermal Properties of Iron (III) oxide Nanoparticles Filled Unsaturated Polyester toughened Epoxy Nanocomposites". European Journal of Scientific Research. Vol. 89 No 3 October 2012, pp.465-476.
16. Julyes jaisingh, V. Selvam, et al., "Effect of Silane Functionalization on the Properties of Iron Oxide Nanoparticles/UP Toughened Epoxy Nanocomposites, Advanced Materials Research, Vol. 651, 2013, pp. 154-158.

17. S. Julyes Jaisingh, K. Thyagarajan, V. Selvam, et al., “Studies on Mechanical Properties of Kevlar Fiber Reinforced Iron (III) Oxide Nanoparticles Filled UP/Epoxy Nanocomposites” Advanced Materials Research, Vol. 747, 2013, pp. 409-412.
18. S. Julyes Jaisingh, K. Thyagarajan, V. Selvam, et al., “ Mechanical properties of glass fibre reinforced Unsaturated Polyester toughened epoxy/ siliconized iron (III) oxide nanocomposites” Life Science Journal 2013;10(2).

Books Published (With ISBN)

R. Boominathan, V.Muthuraj, S.Karuthapandian, V.Selvam, edited the book’s title on “Recent Advances in Chemical Sciences (RACR -2017)

M. Phil Guidance (Furnish Details)

Awarded : 01

Other Activities:

1. Reviewer in ELECTROCHIMICA ACTA, ELSEVIER

2. Reviewer in WATER RESEARCH, ELSEVIER