

MISRIMAL NAVAJEE MUNOTH JAIN ENGINEERING COLLEGE

Department of Chemistry

STAFF ACHIEVEMENT

ACADEMIC YEAR- 2017-2018

Paper/book published

Mr.S.Jayakumar, AP/ Chemistry published a paper entitled, "Heteroscorpionate-based Heteroleptic Copper(II) Complexes: Antioxidant, Molecular Docking and In-vitro Cytotoxicity Studies" in the International Journal - Applied Organometallic Chemistry (2017) pp e3809. (Impact factor: 3.581)

Mr.S.Jayakumar, AP/ Chemistry has published a paper entitled, "Heteroleptic Metal(II) Complexes of Hydrotris(methimazolyl)borate and Diimines: Synthesis, Theoretical Calculations, Antimicrobial, Antioxidant, In Vitro Cytotoxicity and Molecular Docking Studies" in the International Journal - Microbial Pathogenesis. Vol.109 (2017) pp 120-130 (Impact factor: 2.332)

Mrs.K.Krishnaveni, AP/Chemistry published a paper entitled," Synthesis and Characterization of Biomimetic Hydrosy Apatite-Silver Impregnated Soy Protein Isolate Nanocomposites for Dental Implantations", in Asian Journal of Chemistry. Vol.29 (2017) pp 2634-2638.

Ph.D. Awarded

Mr.M.J.Shanmugam, AP/Chemistry was awarded Doctor of Philosophy in "Chemistry-Organic Chemistry" from School of Chemical Sciences, Department of Organic Chemistry, University of Madras on 05.05.2018.

Seminar/Conference/workshop attended

Mrs.K.Sivasankari, AP/Chemistry attended "Trainers Training" workshop organized by Federation of Jain Educational Institutes (FJEI) and Bharatiya Jain Sanghatana (BJS) at G.S.S. Jain College for Women in Chennai on 4th and 5th August 2017.

Other activities

Dr. S.Nasrin Banu, AP/ Chemistry appointed as member of "Universal Researchers in Engineering"(URENG) by International Centre of Excellence in Chemical, Agricultural and Biological Sciences.

Dr. S.Nasrin Banu, AP/ Chemistry was the convener (Entrepreneurship Development Cell) for the Entrepreneurship Orientation Programme conducted for the first year B.E /B.Tech students on 09.09.17.

Dr. S.Nasrin Banu, AP/ Chemistry was appointed as reviewer for International Academy of Chemical, Civil and Environment Engineering.

Mrs.K.Sivasankari, AP/Chemistry conducted Smart Girl's Programme on 16th and 17th August for 50 girl students from various departments of Misrimal Navajee Munoth Jain Engineering College for women empowerment.

ACADEMIC YEAR- 2016 -2017

FDP Attended

Mr.S.Jayakumar & Mr. M.J.Shanmugam attended a six days FDP programme on "Instructional Design and Delivery System" conducted by NITTTR at Misrimal Navajee Munoth Jain Engineering College from 19th to 24th December.

Mr.Madhuraiveeran, Dr.S.Nasrin Banu, Mrs.T.Thanalakshmi & Mrs.T.Krishnaveni attended FDP programme conducted by Department of Management Studies on 27.9.16

Seminar/Conference/workshop attended

Mrs.T.Krishnaveni, AP/Chemistry presented a paper entitled "Synthesis and Characterization of Biomimetic Hydroxyl Apatite-Silver Impregnated Soy Protein Isolate Nanocomposites for Dental Implantations" in International Conference on Advanced Polymers for Science and Technology (APST-2016) at VIT on 26.10.16

Paper/book published

Dr.M.D.K.Kumaraswamy, HOD/ Chemistry published three books (revised edition) entitled, "Environmental Science and Engineering" "Engineering Chemistry-I" and "Engineering Chemistry-II" for the academic year 2016-2017 based on Anna University syllabus.

Mr.S.Jayakumar, AP/ Chemistry has published a paper entitled, "Theoretical, Investigation, Biological Evaluation and VEGFR2 Kinase Studies of Metal(Ii) Complexes Derived From Hydro(tris)methimazolyl borate" in the International Journal - Journal of Photochemistry & Photobiology B. Vol. 155 (2016) pp 66-77 (Impact factor: 3.165).

Other activities

Dr.M.D.K.Kumaraswamy, HOD/ Chemistry has been enrolled as a Patron of the Tamil Nadu State Branch of Indian Red Cross Society.

ACADEMIC YEAR- 2015 – 2016

Seminar/Conference/workshop attended

Mrs. S.Nasrin Banu, AP/ Chemistry presented and published a paper entitled, “Adsorption of Methyl Green on Activated Carbon from Eichornia Crassipes” in National Conference on Recent Advances in Smart Materials at Hindustan University

Mr.S.Jayakumar, AP/ Chemistry presented a poster entitled, “Theoretical, Biological and Molecular Docking Studies of Heteroleptic Metal(II) Complexes Derived from Scorpionate Ligand and Diimines” at the National Conference on Innovations in Chemical Sciences at Gurunanak College, Chennai.

Mrs. S.Nasrin Banu, AP/ Chemistry presented a paper entitled, “Synthesis and Characterization of Activated Carbon Derived from Eichornia Crassipes and its Use in the Removal of Methyl Green” at the National Conference on Advanced Material Science (NCAMS-2015) at Jerusalem College of Engineering Chennai.

Mrs. G.Pabitha AP/ Chemistry presented a paper entitled, “Investigation on the Crystal Growth and Structural Properties Of Manganese Mercury Thiocyanate Bis(N-Methyl Formamide) Single Crystal” at the National Conference on Advanced Material Science (NCAMS-2015) at Jerusalem College of Engineering Chennai.

Paper/book published

Mrs. S.Nasrin Banu, AP/ Chemistry published a paper entitled, “Synthesis and Characterization of Nanocrystallite Embedded Activated Carbon from Eichornia Crassipes and its Use in the Removal of Malachite Green” in the International Journal of Chem Tech Research. Vol.8 (2015) pp 158-169.

PhD. Degree awarded

Mrs. S.Nasrin Banu, AP/ Chemistry has been awarded the Degree of Doctor of Philosophy in Science and Humanities from Anna University.

ACADEMIC YEAR- 2014 – 2015

Paper/book published

Dr.M.D.K.Kumaraswamy, HOD/ Chemistry has published a book entitled, “Environmental Science and Engineering” for the academic year 2014-2015 based on Anna University Syllabus.

Other Activities

Mr.A.Madhuraiveeran, (AP/CHEM) has been designated as Controller Of Examination of our college on 14.6.14.

Mr.A.Madhuraiveeran, (AP/CHEM) attended two days theme meeting on “Recent Trends in Spectroscopy” at IIT Madras from 20th JUNE to 21st JUNE, 2014.

ACADEMIC YEAR- 2013 – 2014

Paper/book published

Mrs. S.Nasrin Banu, (AP/CHEM) published a paper entitled, “Removal of Basic Dyes from Aqueous Solution by Activated Carbon Derived from Eichornia Crassipes Equilibrium and Kinetic Studies” in Water Quality Research Journal of Canada Vol. 49 (2014) pp 163-178.

Seminar/Conference/workshop attended

Mrs. S.Nasrin Banu, (AP/CHEM) attended and presented a paper at the International Conference on “Environmental Earth Science, Accomplishment, Plans, And Challenges”, conducted by University of Madras, Chennai from 19-03-14 to 21- 03-14.

PhD. Degree awarded

Mrs. G.Pabitha, (AP/CHEM) has been awarded the degree of Doctorate of Philosophy by Anna University Chennai, in the month of November 2013 in the field of “Crystal Growth and Characterization of Bimetallic Thiocyanate Single Crystal for NLO Applications”.

ACADEMIC YEAR- 2012 – 2013

Seminar/Conference/workshop attended

Dr.M.D.K.Kumaraswamy, Prof., & Head, attended an International Seminar on “Enhancing quality of Technical Education through Accreditation” organized in collaboration with CPSC, Manila held at NITTR, Chennai on 12th January 2012.

ACADEMIC YEAR- 2011 – 2012

Seminar/Conference/workshop attended

Mrs.R.Kavitha(AP/CHEM) attended a National Workshop on “Chemistry – Our Environment, Our Life and Our Future” organized by the Department of Industrial Chemistry Alagappa University, Karaikudi on 22nd - 23rd December, 2011.

Dr.M.D.K.Kumaraswamy, Prof., & Head, participated as expert committee member for the project entitled as “Development of Membrane Materials and Membranes for Gas and Organic Vapour Separation” at the Department of Chemical Engineering, A.C. Tech, Anna University. Chennai on 25th July 2011.

Mrs.R.Kavitha, (AP/CHEM) attended a one day workshop on “Sustainable Materials: Challenges and Opportunities in Polymer Composite Materials” Conducted by the department of manufacturing Engineering, Annamalai University, Chidambaram on 4th March 2011.

Mrs.R.Kavitha, (AP/CHEM) presented a paper on “Chitosan Based Materials for Water Treatment Applications” at a National conference on Advances in Chemistry Conducted by the Department of Chemistry, Easwari Engineering College, Chennai on 2nd March 2011.

Mrs.R.Kavitha, (AP/CHEM) in Department of Chemistry presented a paper on Recent Developments in Biopolymer” in Nation Conference on “Recent Advances in Fundamental & Applied Sciences” – NCRAFAS – 2011, conducted by Department of Chemistry and Physics of AVIT College, Paiyanoor during 25th – 26th February 2011.