

CURRICULUM VITAE

Name : Dr. J. DHAVEETHU RAJA
Designation : Assistant Professor
Department : Chemistry
Date of Joining : 18th December 2018
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Educational Qualifications

DEGREE	SUBJECT	COLLEGE / UNIVERSITY & PLACE	YEAR COMPLETED
B.Sc.,	Chemistry	VHNSN College, Virudhunagar 626 001.	2001
M.Sc.,	Chemistry	VHNSN College, Virudhunagar 626 001.	2003
M.Phil.,	Chemistry	VHNSN College, Virudhunagar 626 001.	2004
Ph.D.	Chemistry	VHNSN College, Virudhunagar 626 001.	2008

Specialisation in Teaching

- Inorganic Chemistry
- Organic Chemistry
- General Chemistry

Specialisation in : Inorganic Chemistry

Research

Research Interests : Co-ordination Chemistry; Bio-Inorganic Chemistry; Nano chemistry

Other Work Experience

Designation	Institution / Company	Year-From(month/year) To (month/year)
Associate Professor	Department of Chemistry, Mohamed Sathak Engineering College, Kilakarai - 623 806	June 2011 to December 2018
Assistant Professor	Bharath Niketan Engineering College, Sri Gowri Nugar, Thimmarasanaickanoor, Aundipatty - 625 536, Theni (Dt.)	July 2010 to June 2011
Lecturer	National Engineering College, K.R.Nagar, Kovilpatt - 628 503.	November 2007 to June 2010
Part-time Lecturer	VHNSN College, Virudhunagar - 626 001	2005-2006

Membership in Professional Bodies:

- Life member & Fellow in Indian Chemical Society

Awards / Fellowships:

- Awarded a medal for university 9th rank during M.Sc.
- Tamilnadu State Government Research Fellowship
- Best paper presentation award in the **ONE DAY SYMPOSIUM ON ROLE OF ORGANIC CHEMISTRY IN MEDICINE.**

RECOGNIZED SUPERVISOR**S. No. Name of the University**

1. Manonmaniam Sundarnar University, Tirunelveli 627 012
2. Anna University, Chennai 600 025
3. Bharathiar University, Coimbatore 641 046

ACTING AS A SUPERVISOR

- **Ph.D., completed** : 3
- **Ph.D., pursuing** : 4

Funded Research Project

Title of the Project	Funding Agency & Sanction Number	Period	Sanctioned amount in Rs.
Synthesize of Antitumor active Pyrimidine Derivative Ligands and its Cu, Zn, Pt and Au Complexes	SERB, DST & SR/FT/CS-117/2011 dated 29-06-2012.	2012 - 2015	25,75,000/-

CONVENER**National Conference**

Title	:	Recent Development of Bio-Inorganic Chemistry in Medicinal fields
Ref. No	:	SERB/F/5243/2015-16 dated 27/10/2015
Sponsor	:	SERB
Grant Received	:	Rs. 60,000/-
Date	:	28 th & 29 th August 2015

CO-ORDINATOR**INSPIRE Internship Science Camp**

Ref. No.	:	DST/INSPIRE/0L12614/006521
Grant Received	:	9,75,000/-
Date	:	26 th -30 th September 2016
Venue	:	Mohamed Sathak Engineering College, Sathak Nagar, East Coast Road, Kilakarai-623806, Ramanathapuram- Dist. Tamilnadu.

- Editor** : 1. Journal of Biological Sciences
2. Proceedings of Anticancer Research (PAR)
- Reviewer** : 1. Brazilian Journal of Pharmaceutical Sciences
2. Journal of Organometallic Chemistry
3. Asian Journal of Applied Chemistry Research
4. Journal of Molecular Structure
5. Journal of Biomolecular Structure and Dynamics
6. Applied Organometallic Chemistry
- Publications** : Annexure – I

Conferences / : Annexure – II
Seminars / FDP
Symposia /
Presented
Papers /
Attended

GUEST LECTURE

1. Delivered a special lecture on “**Recent Research Developments in Medicinal Chemistry**” Organized by the Department of Chemistry, Dr. Zakir Husain College, Ilayankudi on 3rd March 2018.
2. Delivered a **guest lecture** on “**Coordination Chemistry in Spectroscopy**” organized by Department of Chemistry, Sethupathy Government Arts College, Ramanathapuram on 15th July 2015.

FDP PROGRAMME

1. Delivered a **guest lecture** on Improving the Teaching and Learning Process in Science and Engineering organized by Sree Sowdambika College of Engineering, Aruppukottai, on 20th October 2014.

CONVENOR

1. SERB Sponsored National Conference on **Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBICM-2015)** Organized by Chemistry Research Centre, Department of Applied Science And Humanities, Mohamed Sathak Engineering College, Kilakarai, on 28th and 29th August, **2015**.
2. 2nd One Day National Conference on **Recent Development in Advanced Materials (RDAM-2014)** Organized by Department of Applied Science And Humanities [Physics & Chemistry], Mohamed Sathak Engineering College, Kilakarai, on 5th April, **2014**.
3. National Conference on **Recent Development in Nano Materials (RDNM-2013)**, Organized by Department of Physics & Chemistry, Mohamed Sathak Engineering College, Kilakarai, on 11th April, **2013**.

PERSONAL DETAILS

Name : Dr. J. Dhaveethu Raja
Father's Name : S. Jeyaraj
Date of Birth : 04.03.1981
Sex : Male
Religion : Christian
Language Known : Tamil, English
Marital Status : Married
Computer Skills : MS-office and Chem-draw
Practical Experience : UV-Visible (Shimadzu UV-1601 & UV-1800) Spectrophotometer
IR (Perkin-Elmer 783) & FTIR (Shimadzu, IR Affinity-1)
Spectrometers
CV Instrument (BAS CV-50)
HPLC (LC 2010CHT)
Synthetic Inorganic procedures including separation techniques
Laminar flow systems (Atlantis)
Submarine Gel electrophoresis

ANNEXURE I

LIST OF PUBLICATIONS

2019

1. M Sankarganesh, J Dhaveethu Raja, N Revathi, R Vijay Solomon, R Senthil Kumar “Gold(III) complex from pyrimidine and morpholine analogue Schiff base ligand: Synthesis, characterization, DFT, TDDFT, catalytic, anticancer, molecular modeling with DNA and BSA and DNA binding studies” *Journal of Molecular Liquids* 294 (2019) 111655 <https://doi.org/10.1016/j.molliq.2019.111655>
2. Manokaran Vadivel, Murugesan Sankarganesh, **Jeyaraj Dhaveethu Raja**, Jegathalaprathaban Rajesh, Dhanuskodi Mohanasundaram and Muthukaruppan Alagar, “Bioactive constituents and bio-waste derived chitosan / xylan based biodegradable hybrid nanocomposite for sensitive detection of fish freshness” *Food Packaging and Shelf Life* 22 (2019) 100384 <https://doi.org/10.1016/j.fpsl.2019.100384>
3. Karunganathan Sakthikumar, a Rajadurai Vijay Solomon b and **Jeyaraj Dhaveethu Raja**, “Spectro-electrochemical assessments of DNA/BSA interactions, cytotoxicity, radical scavenging and pharmacological implications of biosensitive and biologically active morpholine-based metal(II) complexes: a combined experimental and computational investigation” *RSC Adv.*, 2019, 9, 14220-14241, <https://doi.org/10.1039/c8ra09218d>
4. Sankarganesh, M, Revathi, N, **Dhaveethu Raja, J**, Sakthikumar, K, Vinoth Kumar, G.G, Rajesh, J, Rajalakshmi, M, Mitu, L, “Computational, antimicrobial, DNA binding and anticancer activities of pyrimidine incorporated ligand and its copper(II) and zinc(II) complexes”, *Journal of the Serbian Chemical Society*, **2019**, 84 (3), 277-291, <https://doi.org/10.2298/JSC180609080S>
5. Kanagavalli, C.; Sankarganesh, M.; **Dhaveethu Raja, J.**; Kalanithi, M.; “Spectral, NLO and antimicrobial studies of Co(II), Ni(II) and Cu(II) complexes of Schiff base ligands of 2-amino-6-nitrobenzothiazole, *Journal of the Serbian Chemical Society*, **2019**, 84(3) 267-275. <https://doi.org/10.2298/JSC180521101K>.
6. Sakthikumar, K.; **Dhaveethu Raja, J.**; Vijay Soloman, R.; Sankarganesh, M.; *Density Functional Theory, Molecular Modelling, DNA interactions, Antioxidant, Antimicrobial, Anticancer and Biothermodynamic Studies of Bioactive Water Soluble Mixed Ligand Complexes*, *Journal of Biomolecular Structure & Dynamics*, 37 (10), 2498-2514, **2019** <https://doi.org/10.1080/07391102.2018.1492970> .

2018

7. Sakthikumar, K.; Sankarganesh, M.; **Dhaveethu Raja, J*.**; Mitu, L.; “Water Soluble Mixed Ligand Complexes: Spectral, antioxidant, antimicrobial and DNA interaction studies, *Revista de Chimie*, **2018**, 69(11) 4069-4077.
8. Sankarganesh, M.; **Dhaveethu Raja, J.**; Sakthikumar, K.; Vijay Soloman, R.; Rajesh, J.; Athimoolam, S.; Vijayakumar, V.; “New bio-sensitive and biologically active single crystal of pyrimidine scaffold ligand and its gold and platinum complexes: DFT, antimicrobial,

antioxidant, DNA interaction, molecular docking with DNA / BSA and anticancer studies”, *Bioorganic Chemistry*, **2018**, 81, 144-156.

9. Sankarganesh, M.; **Dhaveethu Raja, J.**; Adwin Jose, P.; Vinoth Kumar, G.G.; Rajesh, J.; Rajasekaran, R.; “Spectroscopic, Computational, Antimicrobial, DNA Interaction, In vitro Anticancer and Molecular Docking Properties of Biochemically Active Cu(II) and Zn(II) Complexes of Pyrimidine-Ligand”, *Journal of Fluorescence*, **2018**, 28, 975-985.
10. Vinoth Kumar, G.G.; Kesavan, M.P.; Tamilselvi, A.; Rajagopal, G.; **Dhaveethu Raja, J.**; Sakthipandi, K.; Sivaraman, G.; “A reversible fluorescent chemosensor for the rapid detection of Hg²⁺ in an aqueous solution: Its logic gates behavior” *Sensor and Actuators B: Chemical*, **2018**, 273, 305-315.
11. Sakthikumar, K.; **Dhaveethu Raja, J.**; Sankarganesh, M.; Rajesh, J.; “Antimicrobial, Antioxidant and DNA Interaction Studies of Water Soluble Complexes of Schiff Base Bearing Morpholine Moiety”, *Indian Journal of Pharmaceutical Sciences*, **2018**, 80(4), 727-738.
12. Sankarganesh, M.; Rajesh, J.; Vinoth Kumar, G.G.; Vadivel, M.; Mitu, L.; Senthil Kumar, R.; **Dhaveethu Raja, J.** “Synthesis, spectral characterization, theoretical, antimicrobial, DNA interaction and in vitro anticancer studies of Cu(II) and Zn(II) complexes with pyrimidine-morpholine based Schiff base ligand” *J. Saudi Chem. Soc.*, **2018**, 22, 416-426 <http://dx.doi.org/10.1016/j.jscs.2017.08.007>.

2017

13. Kesavan, M.P.; Ayyanaar, S.; Vijayakumar, V.; **Dhaveethu Raja, J.**; Annaraj, J.; Rajesh, J.; “Magnetic iron oxide nanoparticles (MIONs) cross-linked natural polymer based hybrid gel beads: Controlled nano antiTB drug delivery application” *J. Biomed. Mat. Res. A*, **2017**, 106(4), 1039-1050.
14. Adwin Jose, P.; **Dhaveethu Raja, J.**; Sankarganesh, M.; Rajesh, J., “Evaluation of antioxidant, DNA targeting, antimicrobial and cytotoxic studies of imine capped copper and nickel nanoparticles” *J. Photochem. Photobio. B*, **2018**, 178, 143-151.
15. Kesavan, MP.; Ayyanaar, S.; Lenin, N.; Sankarganesh, M.; **Dhaveethu Raja, J.**; Rajesh, J. “One pot synthesis of new poly(Vinyl Alcohol) blended natural polymer based magnetic hydrogel beads: Controlled natural anticancer alkaloid delivery system” *J. Biomed. Mat. Res. A*, **2017**, 106(2), 543-551.
16. Sukkur Saleem, S.; Sankarganesh, M.; Adwin Jose, P.; Sakthikumar, K.; Mitu, L.; **Dhaveethu Raja, J.** “Investigation on antimicrobial, antioxidant and DNA binding studies of bio-active Cu(II), Zn(II), Co(II) and Ni(II) complexes of pyrimidine derivative Schiff base ligand” *J. Chem.*, Article ID 3831507 (**2017**) 1-8. <https://doi.org/10.1155/2017/3831507>.
17. Sankarganesh, M.; Adwin Jose, P.; **Dhaveethu Raja, J.**; Kesavan, M.P.; Vadivel, M.; Rajesh, J.; Jeyamurugan, R.; Senthil Kumar, R.; Karthikeyan, S. “New pyrimidine based

ligand capped gold and platinum nano particles: Synthesis, characterization, antimicrobial, antioxidant, DNA interaction and *in vitro* anticancer activities” *J. Photochem. Photobiol. B*, **2017**, 176, 44-53.

18. Senthilkumar, G.S.; Sankarganesh, M.; Rajesh, J.; Vedhi, C.; **Dhaveethu Raja, J.** “Synthesis, spectral characterization, DNA interaction, antioxidant and antimicrobial studies of new water soluble metal(II) complexes of morpholine based ligand” *Russian J. Gen. Chem.*, **87**, **2017**, 2654-2663.
19. Kesavan, M.P.; Vinoth Kumar, G.G.; Anitha, K.; Ravi, L.; **Dhaveethu Raja, J.**; Rajagopal, G.; Rajesh, J. “Natural alkaloid Luotonin A and its affixed acceptor molecules: Serum albumin binding studies” *J. Photochem. Photobiol. B*, **2017**, 173, 499-507.
20. Revathi N.; Sankarganesh, M.; Rajesh, J.; **Dhaveethu Raja, J.** “Biologically active Cu(II), Co(II), Ni(II) and Zn(II) complexes of pyrimidine derivative Schiff base: DNA binding, antioxidant, antibacterial and *In vitro* anticancer studies” *J. Fluoresc.* **2017**, 27, 1801-1814.
21. Kubendran, A.; Kesavan, M.P.; Ayyanaar, S.; **Dhaveethu Raja, J.** “Synthesis, characterization of water soluble copper(II), cobalt(II) and zinc(II) derived from 8-hydroxyquinoline-5-sulfonic acid: DNA binding and cleavage studies” *Appl. Organo. Metal. Chem.*, **2017**, e3708, 1-9.
22. Kesavan, M.P.; Vinoth Kumar G.G.; **Dhaveethu Raja, J.**; Anitha, K.; Karthikeyan, S. Rajesh, J. “DNA interaction, antimicrobial, antioxidant and anticancer studies of Cu(II) complexes of Luotonin A” *J. Photochem. Photobiol. B*, **2017**, 167, 20-28.

2015

23. **Dhaveethu Raja, J.**; Senthilkumar G.S.; Vedhi, C.; Vadivel, M.; “Synthesis, structural characterization, electrochemical, biological, antioxidant and nuclease activities of 3-morpholinopropyl amine mixed ligand complexes” *J. Chem. Pharm. Res.*, **2015**, 7(10S), 1-14.
24. **Dhaveethu Raja, J.**; Jeyaveeramadhavi, S.; Vedhi, C.; Sankarganesh. M.; Vadivel, M.; “Novel schiff base metal complexes from morpholine derivatives as potent antioxidant and DNA interacting agents” *J. Chem. Pharm. Res.*, **2015**, 7(10S), 15-22.
25. **Dhaveethu Raja, J.**; Sakthikumar. K.; “Synthesis of water soluble transition metal(II) complexes from morpholine condensed tridentate schiff base: Structural elucidation, antimicrobial, antioxidant and DNA interaction studies” *J. Chem. Pharm. Res.*, **2015**, 7(10S), 23-34.
26. **Dhaveethu Raja, J.**; Leebanon Poonkuil, N.; “A study on invitro antioxidants, antimicrobial, antileukemia activities of Cocos nucifera (coconut) female flowers” *J. Chem. Pharm. Res.*, **2015**, 7(10S), 56-66.
27. **Dhaveethu Raja, J.**; Shahulhameed Sukkur Saleem.; Karunganathan Sakthikumar.; Murugesan Sankarganesh.; Manokaran Vadivel.; “Synthesis of transition metal(II) complexes from piperonal condensed Schiff base: Structural elucidation, antimicrobial, antioxidant, DNA-binding and oxidative cleavage studies” *J. Chem. Pharm. Res.*, **2015**, 7(10S), 67-76.

28. Haneefa Mohamed Mohaideen.; Kandasamy Saravanakumar.; Suldanmohideen Sheik Fareed.; Mohideen Mohamed Gani Kalvathee.; **Dhaveethu Raja, J.**; “The studies on optical and structural properties of zinc sulfide thin films deposited by SILAR method” *J. Chem. Pharm. Res.*, **2015**, 7(10S), 141-145.
29. Vadivel, M.; Suresh Chandra Kumar, M.; Vedhi, C.; Selvam, V.; **Dhaveethu Raja, J.**; “Development and corrosion performance of 3-aminopropyltriethoxysilane grafted epoxidized ethylene-propylene-diene terpolymer rubber coatings” *International Journal of Chemical Sciences.*, **2015**, 7, 200-202.
30. M. Vadivel.; M. Suresh Chandra Kumar.; **J. Dhaveethu Raja.**; M. Sankarganesh.; Aravind Narayan S.; “Thermal and Morphology Studies of Siliconized Expoxidized Ethylene-Propylene-Diene Terpolymer” **2015**, *International Journal of Chemical Science*, 13(2) **2015** 737-746.

2014

31. Leebanon Poonkuil, N.; **Dhaveethu Raja, J.**; “PCR amplication and cloning of PPE41 of mycobacterium tuberculosis in *E.Coli*” *Indo Global Journal of Applied Engineering*. **2014**, 2 (1), 203-206.
32. Muthumari, G.; Nasar Ali, R.; **Dhaveethu Raja, J.**; “Comparative Study on Stabilizaiton of Expansive Soil using Cement Kiln Dust And Ceramic Dust” *Journal of Geotechnical Engineering*, **2014**, 1-7, (ISSN(online): 2394-1987)
33. **Dhaveethu Raja, J.**; Angeline, S.; “Study on Synthesis, Structural Elucidation of Biologically Active Schiff Base Transition Metal Complexes” *International Journal of Innovative Research in Science & Engineering*, **2014**, 189-193, (ISSN (online): 2347-3207).
34. Revathi, N.; **Dhaveethu Raja, J.**; “Synthesis, Structural Characterization, Antibacterial Activity, DNA Cleavage and Binding Study of Pyrimidine Derivative Schiff Base Metal Complexes” *International Journal of Innovative Research in Science & Engineering*, **2014**, 334-338, (ISSN (online): 2347-3207)

2012

35. **Dhaveethu Raja, J.**; Raman, N.; Senthilkumar, G. S.; Sakthivel, A.; “Synthesis, Spectral Characterisation, Antibacterial and Antifungal Activity of Transition Metal Complexes Derived from Tetrudentate Schiff Base” *Biologically Active Molecules*, **2012**, 76-80. (ISBN: 978-93-82062-03-5).
36. Leebanon Ponkuil, N.; **Dhaveethu Raja, J.**; Marimuthu, R. “Antibacterial (*Lactobacilli*) activity of *Centella asiatica*, *Glycyrrhiza glabra* and *Ocimum sanctum*” *Biologically Active Molecules*, **2012**, 237-239. (ISBN: 978-93-82062-03-5).
37. Raman, N.; **Dhaveethu Raja, J.**; Sakthivel, A. “Design, Synthesis, Spectroscopic Characterization, Biological Screening Studies and DNA Nuclease Activity of Transition

Metal Complexes Derived from a Tridentate Schiff Base” *Russ. J. Coord. Chem.*, **2008**, 34, 398-404.

2008

38. Raman, N.; Sakthivel, A.; **Dhaveethu Raja, J.**; Rajasekaran, K. “Designing, Structural Elucidation and Comparison of the Cleavage Ability of Metal Complexes Containing Tetradentate Schiff Bases” *Russ. J. Inorg. Chem.*, **2008**, 53, 213-219.
39. Raman, N.; Syed Ali Fathima, S.; **Dhaveethu Raja, J.** “Designing, Synthesis, Spectral Characterization of Schiff Base Transition Metal Complexes: DNA Cleavage and Antimicrobial Activity Studies” *J. Serb. Chem. Soc.*, **2008**, 73, 1063-1071.
40. Raman, N.; Johnson Raja, S.; Joseph, J.; **Dhaveethu Raja, J.** “Designing, Synthesis, Spectral Characterization of Antimicrobial and DNA active Tridentate Schiff Base Ligands and their Complexes” *J. Chil. Chem. Soc.*, **2008**, 53, 1599-1604.
41. Raman, N.; Thalamuthu, S.; **Dhaveethu Raja, J.**; Neelakandan, M. A.; Sharmila Banerjee. “DNA Cleavage and Antimicrobial Activity Studies on Transition Metal(II) Complexes of 4-aminoantipyrene Derivative” *J. Chil. Chem. Soc.*, **2008**, 53, 1450-1454.

2007

42. Raman, N.; **Dhaveethu Raja, J.**; Sakthivel, A. “Synthesis, Spectral Characterization of Schiff Base Transition Metal Complexes: DNA Cleavage and Antimicrobial Activity Studies” *J. Chem. Sci.*, **2007**, 119, 303-310.
43. Raman, N.; **Dhaveethu Raja, J.** “Synthesis, Structural Characterization and Antibacterial Studies of some Bio-Sensitive Mixed-Ligand Copper(II) Complexes” *Indian J. Chem.*, **2007**, 46A, 1611-1614.
44. Raman, N.; **Dhaveethu Raja, J.**; Sakthivel, A. “Studies on DNA Cleavage and Antimicrobial Screening of Transition Metal(II) Complexes Derived from Tetradentate Schiff Base” *Polish J. Chem.*, **2007**, 81, 2059-2067.
45. Raman, N.; Johnson Raja, S.; Joseph, J.; **Dhaveethu Raja, J.** “Molecular Designing, Structural Elucidation and Comparison of the Cleavage ability of Oxovanadium(IV) Schiff Base Complexes” *Russ. J. Coord. Chem.*, **2007**, 33(1), 9-13.
46. Raman, N.; Johnson Raja, S.; Joseph, J.; **Dhaveethu Raja, J.** “Synthesis, Characterisation and DNA Cleavage Study of Heterocyclic Schiff Base Metal Complexes” *J. Chil. Chem. Soc.* **2007**, 52, 1099-1102.
47. Raman, N.; Baskaran, T.; Jeyaveeramadhavi, S.; **Dhaveethu Raja, J.** “DNA Cleavage Efficiency of Transition Metal(II) Schiff Base Complexes of 4-aminoantipyrene Derivative: Synthesis, Characterization, and Antimicrobial Study” *J. Indian Chem. Soc.*, **2007**, 84, 652-657.

ANNEXURE II
CONFERENCES/SEMINARS/SYMPOSIA/FDP/ PRESENTED PAPERS/ ATTENDED

PRESENTED PAPERS

1. Presented a paper in the International Conference on “**Synthesis, Structural Elucidation, DNA / BSA Binding / Cleavage, Antioxidant, Antimicrobial and Cytotoxicity Studies of Mixed Ligand Complexes: A combined experimental and computational investigation**” on International Seminar on Recent Trends in Interdisciplinary Science (RTIS-2019) organized by Department of Chemistry, The Standard Fireworks Rajaratnam College for women, Svakasi, Tamil Nadu on 20th September 2019.
2. Presented a paper in the International Conference on “**Isolation of triterpenoids from *Glycyrrhiza glabra*: In vitro study on antibacterial properties**” on Advanced Materials Chemistry at the Interfaces of Energy, Environment and Medicine (AMCI-2019) organized by Department of Chemistry, Manonmanium Sundarnar University, Tirunelveli 2019.
3. Presented a paper in the SERB sponsored National Seminar on “**A combined experimental and computational investigations of DNA/BSA interactions, antioxidant, antimicrobial and cytotoxic properties of bio-sensitive and biologically active morpholine based some mixed ligand complexes of Schiff base**”, on Emerging Trends in Bioinorganic and Pharmaceutical Chemistry (ETBPC-2019) organized by Department of Chemistry, VHNSN College, Virudhunagar, Tamilnadu on 27th & 28th February 2019.
4. Presented a paper in the SERB sponsored National Seminar on “**Synthesis, characterization, antimicrobial, DNA cleavage and binding activities of Copper(II) and Zinc(II) complexes containing bidentate Schiff base ligand**”, on Emerging Trends in Bioinorganic and Pharmaceutical Chemistry (ETBPC-2019) organized by Department of Chemistry, VHNSN College, Virudhunagar, Tamilnadu on 27th & 28th February 2019.
5. Presented a paper in the SERB sponsored National Seminar on “**Biological application of Schiff base ligand stabilized copper nano particles**”, on Emerging Trends in Bioinorganic and Pharmaceutical Chemistry (ETBPC-2019) organized by Department of Chemistry, VHNSN College, Virudhunagar, Tamilnadu on 27th & 28th February 2019.
6. Presented a poster in the National Conference on, “**Synthesis, spectral characterization, antimicrobial, DNA interaction, in vitro anticancer activities of Cu(II) and Zn(II) complexes of pyrimidine Schiff base ligand**” in the Two days National Conference on Material for Sustainable Development (NCMSD 2019) organized by Department of Chemistry and Physics, Ramco Institute of Technology, Rajapalayam on 11th-12th January, 2019.
7. Presented a poster in the National Conference on, “**Bioactive Cu(II) complex of Pyrimidine based Schiff base: Structure and studies on anticancer, antioxidant and DNA binding profile**” in the Two days National Conference on Material for Sustainable Development (NCMSD 2019) organized by Department of Chemistry and Physics, Ramco Institute of Technology, Rajapalayam on 11th-12th January, 2019.

8. Presented a poster in the National Conference on, “**Design, characterization and Biochemical aspects of the Schiff base derived from 2((-3-morpholinopropylimino)methyl)-6-methoxyphenol**” in the Two days National Conference on Material for Sustainable Development (NCMSD 2019) organized by Department of Chemistry and Physics, Ramco Institute of Technology, Rajapalayam on 11th-12th January, 2019.
9. Presented a poster in the National Conference on, “**pH responsive self-healing Chitosan film based on Schiff base linkage capable of fish spoilage sensing**” in the Two days National Conference on Material for Sustainable Development (NCMSD 2019) organized by Department of Chemistry and Physics, Ramco Institute of Technology, Rajapalayam on 11th-12th January, 2019.
10. Presented a paper in the International conference on “**Phase Transfer Synthesis of Platinum Nanoparticles Functionalized with Pyrimidine-Salicylaldehyde Derived Schiff Base Ligand**”, International Conference on Frontiers in Nanoscience & Nanotechnology, organized by SASTRA University, Thanjavur, Tamilnadu on 27th & 28th February 2017.
11. Presented a paper in the International conference on “**Biodegradable Magnetic Chitosan-Polyethylene Glycol Hydrogel Beads For Controlled Drug Delivery Application**”, International Conference On Frontiers In Nanoscience & Nanotechnology, organized by SASTRA University, Thajavur, Tamilnadu on 27th & 28th February 2017.
12. Presented a paper in the ACT and RSC sponsored One day National Seminar on “**Synthesis and Biological Studies of Morpholine Derivative Schiff Base Ligand Stabilized Copper Nanoparticles**”, ACT and RSC sponsored One day National Seminar on Recent Advances in Bioinorganic And Medicinal Chemistry (RABAMCHEM-2017) organized by DST-FIST Sponsored Department of Chemistry, VHNSN College, Virudhunagar-626 001, Tamilnadu on 15th February 2017.
13. Presented a paper in the ACT and RSC sponsored One day National Seminar on “**Biological Studies of Cu(II) and Zn(II) Complexes of 2-((Z)-(4-amino-6-chloropyrimidin-2ylimino)methyl)-4-nitrophenol Using CT DNA and DPPH Radical**”, ACT and RSC sponsored One day National Seminar on Recent Advances in Bioinorganic And Medicinal Chemistry (RABAMCHEM-2017) organized by DST-FIST Sponsored Department of Chemistry, VHNSN College, Virudhunagar-626 001, Tamilnadu on 15th February 2017.
14. Presented a paper in the UGC, SERB, DST and DBT sponsored International Conference on “**Design and Synthesis of Novel Gold Complex Bearing Pyrimidinehydrazino-Morpholine Ring Substituents: Cytotoxicity, DNA Binding/Cleavage and Antioxidant**”, UGC, SERB, DST and DBT sponsored International Conference on Chemistry of Biomolecules-Current Trends and Future Perspectives (ICCBCTFP-2016) organized by PG & Research Department of Chemistry, Holy Cross College, Tiruchirappalli-620 002, Tamilnadu, India in collaboration with Department of Biochemistry, School of Biological Sciences, Madurai Kamaraj University, Madurai (District), Tamilnadu on 27th and 28th July 2016.

15. Presented a paper in the UGC, SERB, DST and DBT sponsored International Conference on “**Antioxidant and DNA interaction Studies of Bioactive Cobalt Complex Using 2-((4-Amino-6-Chloropyrimidin-2-ylimino)methyl)-4-Nitrophenol**”, UGC, SERB, DST and DBT sponsored International Conference on Chemistry of Biomolecules-Current Trends and Future Perspectives (ICCBCTFP-2016) organized by PG & Research Department of Chemistry, Holy Cross College, Tiruchirappalli-620 002, Tamilnadu, India in collaboration with Department of Biochemistry, School of Biological Sciences, Madurai Kamaraj University, Madurai (District), Tamilnadu on 27th and 28th July 2016.
16. Presented a paper in the UGC, SERB, DST and DBT sponsored International Conference on “**Synthesis and Characterization of Transition Metal(II) Complexes From Pyrimidine Based Schiff Base: Antioxidant, Antimicrobial and DNA Binding/Cleavage Studies**”, UGC, SERB, DST and DBT sponsored International Conference on Chemistry of Biomolecules-Current Trends and Future Perspectives (ICCBCTFP-2016) organized by PG & Research Department of Chemistry, Holy Cross College, Tiruchirappalli-620 002, Tamilnadu, India in collaboration with Department of Biochemistry, School of Biological Sciences, Madurai Kamaraj University, Madurai (District), Tamilnadu on 27th and 28th July 2016.
17. Presented a paper in the SERB sponsored International Conference on “**Phase transfer assisted synthesis of nanosized Schiff base**”, SERB sponsored International conference on Nano Materials for Energy, Environment, Catalysis and Sensors (ICNEECS-2015) organized by Department of Physical Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai (District), Tamilnadu on 11th and 12th December 2015.
18. Presented a paper in the SERB sponsored International Conference on “**Synthesis of nano gold complex using modified brust-schiffrin method**”, SERB sponsored International conference on Nano Materials for Energy, Environment, Catalysis and Sensors (ICNEECS-2015) organized by Department of Physical Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai (District), Tamilnadu on 11th and 12th December 2015.
19. Presented a paper in the SERB sponsored National Conference on “**Synthesis of mixed ligand complexes containing 2-((4,6-Dimethylpyrimidin-2-ylimino)methyl)-4-bromophenol: Spectral,electrochemical, antioxidant and nuclease activities**”, SERB sponsored National conference on Recent Frontiers in Bioinorganic and Medicinal Chemistry (RFBMC – 2015) organized by Department of Science and Humanities, Sree Sowdambika College of Engineering, Chettikurichi, Aruppukottai, Virudhunagar (District) on 27–28 November, 2015.
20. Presented a paper in the SERB sponsored National Conference on “**Antioxidant, DNA binding and cleavage activities of Co(II) complexes from pyrimidine derivatives**”, SERB sponsored National conference on Recent Frontiers in Bioinorganic and Medicinal Chemistry (RFBMC – 2015) organized by Department of Science and Humanities, Sree Sowdambika College of Engineering, Chettikurichi, Aruppukottai, Virudhunagar (District) on 27–28 November, 2015.

21. Presented a paper in the SERB sponsored National Conference on “**Synthesis of Water Soluble Co(II) and Ni(II) Complexes based on morpholine derivative ligand: Spectral, Electrochemical, Antimicrobial, Antioxidant, DNA Binding and Cleavage Studies**”, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
22. Presented a paper in the SERB sponsored National Conference on “**Novel Schiff Base Metal Complexes From Pyrimidine Derivatives as Potent Antioxidant and DNA Interacting Agents**”, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
23. Presented a paper in the SERB sponsored National Conference on “**Phase Transfer Assisted Synthesis, Spectral Characterization and Biological Studies of Nano Sized Copper Complex**”, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
24. Presented a paper in the SERB sponsored National Conference on “**The Structural and Optical Properties of Zinc Sulfide Thin Films Deposited By SILAR Method**”, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
25. Presented a paper in the SERB sponsored National Conference on “**Novel Salicylaldehyde-Pyrimidine Derivatives of NNO Tridentate Schiff Base with Cu(II) and Zn(II) Complexes: Synthesis, *In vitro* Antioxidant, DNA Cleavage and Binding Studies**”, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
26. Presented a paper in the SERB sponsored National Conference on “**Synthesis of Transition Metal(II) complexes From Piperonal Condensed Schiff Base: Structural Elucidation, Antimicrobial, Antioxidant, DNA-Binding and Oxidative Cleavage Studies**”, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
27. Presented a paper in the SERB sponsored National Conference on “**Synthesis of Transition Metal(II) Complexes from Morpholine Condensed Schiff Base:**

- Structural Elucidation, Antimicrobial, Antioxidant, DNA-Binding and Cleavage Studies**”, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
28. Presented a paper in the SERB sponsored National Conference on **“Biological Evaluation of Transition Metal Complexes Using Pyrimidine Derivative: Synthesis, Characterisation, DNA Binding and Cleavage Activity”**, SERB sponsored National conference on Recent Development of Bio-Inorganic Chemistry in Medicinal Fields (RDBCIM-2015) organized by Chemistry Research Centre, Department of Applied Science and Humanities, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram (District) on 28th and 29th August 2015.
 29. Presented a paper in the CRSI symposium on **“Invitro antioxidant, DNA binding and Cleavage studies of pyrimidine derivative ligand and its Au(III) and Pt(IV) complexes”**, 10th Mid Year Chemical Research Society of India (CRSI) Symposium in Chemistry organized by Department of chemistry, National Institute of Technology and Bharathidasan University Trichirapalli on 23-25 July 2015.
 30. Presented a paper in the Indo-Australian Conference on **“Synthesis of Metal (II) Complexes from Piperonal Condensed Schiff Base: Structural Elucidation, Antimicrobial, DNA-Binding and Oxidative Cleavage Studeis”** in Indo-Australian Conference on Biomaterials, Tissue Engineering, Drug Delivary System and Regenerative Medicine (BiTERM-2015) organized by Department of Chemistry, Anna University, Chennai on 5-7 February, 2015.
 31. Presented a poster in the National Seminar on **“Synthesis, Characterization, DNA Binding and Cleavage Studies of Pyrimidine based Schiff base Ligand and its Copper, Zinc, Cobalt and Nickel complexes”** in Science and Engineering Research Board (SERB) Sponsored National Seminar on Emerging Trends in Bio-Inorganic Chemistry (ETBIC-2015) organized by DST-FIST sponsored Department of Chemistry, VHNSN College (Autonomous), virudhunagar on 23rd & 24th January, 2015.
 32. Presented a poster in the National Seminar on **“Synthesis, Characterization, DNA-Interaction Studies of Transition Metal (II) complexes bearing N₂ Bidentate Schiff base”** in Science and Engineering Research Board (SERB) Sponsored National Seminar on Emerging Trends in Bio-Inorganic Chemistry (ETBIC-2015) organized by DST-FIST sponsored Department of Chemistry, VHNSN College (Autonomous), virudhunagar on 23rd & 24th January, 2015.
 33. Presented a paper in the National Conference on **“Synthesis of Cu(II) and Zn(II) Mixed Ligand Complexes From N₂ Bidentate Schiff base Incorporating, 2,2'-Bipyridine: Structural Elucidation, Antibacterial, DNA Binding and Oxidative Cleavage Studies”** in Department of Science & Technology, New Delhi funded by National Conference on Advances in Coordination Chemistry organized by Department of

Chemistry, Renganayagi Varatharaj College of Engineering, Salvarpatti, Sivakasi on 19th & 20th December, 2014.

34. Presented a paper in the National Conference on **“Studies on DNACleavage and Antibacterial Activity of Transition Metal (II) Complexes using Pyrimidine Bases”** in Department of Science & Technology, New Delhi funded by National Conference on Advances in Coordination Chemistry organized by Department of Chemistry, Renganayagi Varatharaj College of Engineering, Salvarpatti, Sivakasi on 19th & 20th December, 2014.
35. Presented a poster in the International Conference on **“DNA Binding, Oxidative Cleavage Studies of Pyrimidine with Morpholine derivative Ligands and its Gold, Copper, Platinum and Zinc Complexes”** in TEQIP II Sponsored International Conference on Chemistry and Material (ICCM-2014) organized by Department of Chemistry, Bharathidasan Institute of Technology (BIT) Campus, Anna University, Trichirappalli on 14th & 15th November, 2014.
36. Presented a paper in the National Conference on **“Synthesis, Characterization, DNA Binding, Oxidative Cleavage of Cu(II), Co(II), Ni(II) and Zn(II) Complexes of Pyrimidine Bases”** in UGC Sponsored National Conference on Modern Trends in Chemical Sciences (MTCS-2014) organized by DST-FIST Sponsored Department of Chemistry, VHNSN College (Autonomous), virudhunagar on 18th & 19th July, 2014.
37. Presented a poster in the National Conference on **“Synthesis, Spectral Characterization, DNA Binding, Oxidative Cleavage of Metal Complexes of Pyrimidine Bases”** in UGC Sponsored National Conference on Modern Trends in Chemical Sciences (MTCS-2014) organized by DST-FIST Sponsored Department of Chemistry, VHNSN College (Autonomous), virudhunagar on 18th & 19th July, 2014.
38. Presented a poster in the International Conference on **“Structural Characterization, Antibacterial Activity, DNA Cleavage and Binding Study of Pyrimidine Derivative Schiff Base Metal Complexes”** in International Conference on Advances in New materials [ICAN 2014] organized by Department of Inorganic Chemistry, Guindy campus, University of Madras, Chennai on 20th & 21th June, 2014.
39. Presented a poster in the International Conference on **“Study On Synthesis, Structural Elucidation of Biologically Active Schiff Base Transition Metal Complexes”** in International Conference on Advances in New materials [ICAN 2014] organized by Department of Inorganic Chemistry, Guindy campus, University of Madras, Chennai on 20th & 21th June, 2014.
40. Presented a paper in the Second One Day National Conference on **“Synthesis, Spectral Characterization And DNA Cleavage Studies of Schiff Base Ligand and Its Complexes”** in The Second One Day National Conference on Recent Development in Advanced Materials (RDAM – 2014) (ISTE Sponsored) organized by Department of chemistry, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram(dist) on 5th April, 2014.

41. Presented a poster in the Second One Day National Conference on “**Novel Water-Soluble Mixed (II) Complexes Derived from N₂O Tridentate Schiff Bases incorporating diazo compound: DNA binding and cleavage studies of their Metal Complexes**” in The Second One Day National Conference on Recent Development in Advanced Materials (RDAM – 2014) (ISTE Sponsored) organized by Department of chemistry, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram(dist) on 5th April, 2014.
42. Presented a poster in the Second One Day National Conference on “**A Study On Invitro Antioxidants, Antimicrobial, Antileukemia Activities Of *Cocos Nucifera* (Coconut) Female Flowers**” in The Second One Day National Conference on Recent Development in Advanced Materials (RDAM – 2014) (ISTE Sponsored) organized by Department of chemistry, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram(dist) on 5th April, 2014.
43. Presented a poster in the Second One Day National Conference on “**Synthesis, Spectral, Characterization, And DNA Cleavage Studies of Transition Metal Complexes**” in The Second One Day National Conference on Recent Development in Advanced Materials (RDAM – 2014) (ISTE Sponsored) organized by Department of chemistry, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram(dist) on 5th April, 2014.
44. Presented a poster in the Second One Day National Conference on “**A Study on Synthesis, Spectral Characterization, Antimicrobial activity and DNA Cleavage Studies containing Schiff base Transition Mixture Metal(II) Complexes**” in The Second One Day National Conference on Recent Development in Advanced Materials (RDAM – 2014) (ISTE Sponsored) organized by Department of chemistry, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram(dist) on 5th April, 2014.
45. Presented a poster in the Third National Conference on “**Synthesis, Spectral Characterization, antimicrobial activity and DNA Cleavage Studies of Novel Water Soluble Transition Metal(II) Complexes**” in The Third National Conference on Advanced Functional Materials and Applications (NCAFMA – 2014)(DRDO Sponsored) organized by Department of chemistry, Kalasalingam University, Krishnankoil, Virudhunagar on 21 & 22 March 2014.
46. Participated and presented a paper in *National Level Seminar* on “**(Synthesis, Spectral Characterization and DNA Cleavage Studies of Schiff base ligand and its Complexes)**” in the National level Seminar on Emerging Concepts and Trends in Bioinorganic Chemistry (ECTBC’ 14) organized by Chemistry Research Centre, National Engineering College, Kovilpatti on 7th & 8th February 2014.
47. Presented a paper in the III National Conference on “**Synthesis, Characterization and DNA Cleavage Studies of some Transition Metal (II) Complexes of Schiff base derived from Morpholine** ” in The III National Conference on “**INNOVATIONS IN CHEMISTRY – Health and Energy**”(iCHEM HE 2014), (Funded by DST, BRNS &

TNSCST), Organized By Department of chemistry, Karunya University, Coimbatore on 6th -8th February, 2014.

48. Presented a paper in the International Conference on **“Synthesis, Characterization and Biological studies of pyrimidine derivative ligand and its Cu, Zn, Pt and Au complexes”** in The International Conference on “CHEMISTRY FRONTIERS & CHALLENGERS”(Sponsored by INSA, New Delhi), Organized by PG & Research Department of chemistry, PSGR Krishnammal College for Women, Coimbatore on 5th - 7th February, 2014.
49. Presented a paper in the National Conference on **“Synthesis, Spectral, Redox and Antimicrobial activity of Novel Mixed-ligand Transition Metal (II) Complexes Derived from N₂O -Tridentate Schiff bases incorporating 2, 2'-Bipyridine and 1, 10-Phenanthroline”** in The National Conference on Recent Development in Nano Materials (RDNM-2013), Organized by Department of Physics & Chemistry, Mohamed Sathak Engineering College, Kilakarai, on 11th April, 2013.
50. Presented a paper in the National Conference on **“Isolation and characterization (Antagonistic potential) of trichoderma viride against cercospora coffeicola(brown eye spot) and its compatibility with agrochemicals”** in The National Conference on Recent Development in Nano Materials (RDNM-2013), Organized by Department of Physics & Chemistry, Mohamed Sathak Engineering College, Kilakarai, on 11th April, 2013.
51. Presented a paper in the National Conference on **“Synthesis, Characterization and biological activities of nanosize homo-Binuclear Cu (II) and Zn (II) Complexes derived from 2,6-Diformyl-P-Cresol derivatives”** in The National Conference on Recent Development in Nano Materials (RDNM-2013), Organized by Department of Physics & Chemistry, Mohamed Sathak Engineering College, Kilakarai, on 11th April, 2013.
52. Presented a paper in the National Conference on **“Synthesis, Characterization and DNA cleavage studies of nanosize transition metal complexes containing tetradentate Schiff Base”** in The National Conference on Recent Development in Nano Materials (RDNM-2013), Organized by Department of Physics & Chemistry, Mohamed Sathak Engineering College, Kilakarai, on 11th April, 2013.
53. Presented a paper in the National Conference on **“Synthesis, characterization, DNA binding, photo-induced DNA cleavage and antimicrobial activity of nano size peptide linkage Schiff base metal complexes of m-phenylenediamine derivative”** in The National Conference on Advanced Material and Applications (NCAMA-2013), Organized by Department of Physics, NIT Tiruchirappalli, Tiruchirappalli on 4th – 5th April, 2013.
54. Presented a paper in the International Conference on **“A Comparative Study on Palm oil effluent degradation by Electrochemical & Microbial method using *Pseudomonas putida* and *Aspergillus Niger*”** in The International Conference on Biological Inorganic Chemistry (ICBIC-2013), Sponsored by UGC, DST, CSIR, DRDO, BRNS, ICMR, INSA

and TNSCST, Organized by Department of chemistry, Periyar University, Salem on 20th – 22th February, 2013.

55. Presented a paper in the National Conference entitled “**Designing, Synthesis, Spectral characterization and Biological studies of Some Transition Metal (II) Complexes Derived from Tridentate Schiff bases having N₂O donor group**” in the national conference on Recent Advances in Chemical Sciences (RACS-2013), Organized by Department of Chemistry, University College of Engineering Dindigul, on 20th February, 2013.
56. Participated and presented a paper in the International Conference on “**Study on Chemical Characterization and Biological Effects of Ground Water Systems from Industrial Area to Residential Area**” in The First International Conference on Emerging Technologies for Clean Water, Sponsored by DFID and DST, Organized by Department of chemistry, IIT Madras, Chennai on 14th – 16th September, 2012.
57. Presented a paper in the International Conference entitled “**Synthesis, Spectral Characterisation, Antibacterial and Antifungal Activity of Transition Metal Complexes Derived from Tetradentate Schiff Base**” in the international conference on Biologically Active Molecules (ICBM 2012), Organized by Department of Chemistry, Gandhigram Rural Institute – Deemed University, Dindigul on 8th – 10th March, 2012.
58. Presented a paper in the International Conference entitled “**Antibacterial (*Lactobacilli*) activity of *Centella asiatica*, *Glycyrrhiza glabra* and *Ocimum sanctum***” in the international conference on Biologically Active Molecules (ICBM 2012), Organized by Department of Chemistry, Gandhigram Rural Institute – Deemed University, Dindigul on 8th – 10th March, 2012.
59. Participated and presented a paper in the National Seminar on “**Synthesis, Charecterization and Antimicrobial Activities of Transition Metal Complexes Containing Schiff Base Ligand**” in Advanced Functional Materials and Applications, Sponsored by CSIR, DST and TNACST, Organized by Department of chemistry and centre for Nanotechnology, Kalasalingam University on 16th and 17th December, 2011.
60. Participated and presented a paper in the National Seminar on “**Synthesis, Structural Elucidation and Antimicrobial Activities of Biologically Active Schiff Base Copper Complexes**” in Emerging Trends in Chemistry, Sponsored by UGC, Organized by V.H.N.S.N. College, Virudhunagar on 28th and 29th July, 2011.
61. Participated and presented a paper in the National Seminar on “**Synthesis, Characterization and Antimicrobial Activities of Transition Metal Complexes Containing Tetradentate Schiff Base Ligand**” in Emerging Trends in Chemistry, Sponsored by UGC, Organized by V.H.N.S.N. College, Virudhunagar on 28th & 29th July, 2011.
62. Participated and presented a paper in the National Seminar on “**Design, Characterization and biochemical aspects of novel metal complexes of the Schiff base derived from bis(3-aminophenyl)malonamide** ” in Recent Trends in Bio-

Inorganic Chemistry, Sponsored by DST, Organized by V.H.N.S.N. College, Virudhunagar on 17th & 18th February, 2011.

63. Participated and presented a paper in the National Seminar on **“Synthesis characterization, antimicrobial and DNA cleavage studies of transition metal complexes containing tetradentate Schiff base”** in Recent Trends in Bio-Inorganic Chemistry, Sponsored by DST, Organized by V.H.N.S.N. College, Virudhunagar on 17th & 18th February, 2011.
64. Participated and presented a paper in the seminar on **“Spectral, XRD and SEM studies of Zinc(II)-2-Aminobenzothiazole-Amino acid Mixed ligand complexes”** in Material Science (MATS 2009) organized by Annamalai University, Annamalainagar, 9th & 10th October, 2009.
65. Participated and presented a paper in the Seminar on **SYNTHESIS, SPECTROSCOPIC CHARACTERISATION, BIOLOGICAL SCREENING AND DNA STUDIES OF TRANSITION METAL COMPLEXES DERIVED FROM TETRATENTATE SCHIFF BASE** in Recent Trends in Heteroatom Chemistry organized by Annamalai University, Annamalainagar, 28th & 29th, March, 2007.
66. Participated and presented a paper in the Seminar on **SYNTHESIS, SPECTROSCOPIC CHARACTERIZATION, BIOLOGICAL SCREENING AND DNA STUDIES OF TRANSITION METAL(II) COMPLEXES DERIVED FROM TRIDENTATE SCHIFF BASE** in UGC Sponsored Two day state level seminar on Novel Trends in Chemistry, organized by SFR College, Sivakasi, 7th & 8th, February, 2007.
67. Participated and presented a paper in the Seminar on **EPR, ELECTROCHEMICAL AND DNA STUDIES OF TRANSITION METAL COMPLEXES OF SCHIFF BASE DERIVED FROM P-AMINO ACETANILIDE DERIVATIVE** in one day symposium on role of organic chemistry in medicine organized by Sri Kaliswari College, Sivakasi, held on 29th, September, 2006.
68. Participated and presented a paper in the Seminar on **INTERACTIONS OF COPPER COMPLEXES WITH DNA AND THEIR ANTIBACTERIAL ACTIVITIES** in Recent Advances in Chemistry organized by Annamalai University, Annamalainagar, 10th & 11th, March, 2006.
69. Participated and presented a paper in the Seminar on **ANTIMICROBIAL AND DNA CLEAVAGE STUDIES OF SOME MACROCYCLIC COMPLEXES** in UGC Sponsored Two day state level seminar on solid waste management by Ayya Nadar Janaki Ammal College- Sivakasi, 27th & 28th, February, 2006.