

CURRICULUM VITAE

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Designation : Head
Qualification : M.Sc., M.Phil., B.Ed., Ph.D.
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Teaching Experience : 19 Years



S.No	Name of the Institution	Period of Service
1.	J.J. College of Arts and Science (Autonomous)	13.12.2000 to Till Date

Publications

Research papers : 13
Citations / h – index / i 10 - index : 05/ 00 / 00
Cumulative Impact Factor : Nil
Book (s) Published : Nil
Book Chapter : Nil

- **C.Muthukumar.,M.Nallu., T.Arunachalam., 2012.** Synthesis,Characterization and Biological Evaluation of Allyl,Benzyl and 4-Nitrobenzyl Derivatives of Aminopyridinium Bromides, *Indian Journal of Chemistry*,**15B**: 388-392.
- **C.Muthukumar., A.Sabastiyam., M.Ramesh., M.Subramaniyan and M.Yosuva Suvaikin., 2012.** Synthesis Physico-chemical Characterization and Antimicrobial Studies on &-Diethylaminosalicyl-8-hydroxyquinoline and its Metal Complexes, *International Journal of ChemTech Research*,**4**, 1322-1328.
- **C.Muthukumar., M.Subramaniyan., M.Shanmugavadivel., C.Balamurugan., 2012.** Dyeing Effluent Treatment to Reduce Total Dissolved Solids and Colouring Matter Using Coir-pith Method. *International Journal of Chemistry and Environment*,**6**, 149-153.
- **C.Muthukumar.,J.Josephin Novina., G.Vasuki., A.Sabastiyam., A.Crochet and K.M.Fromm., 2013.** 7-[(Morpholin-4-yl)(phenyl)methyl]quinoline-8-ol,*Acta Crystallographica Section E*, **E69**, o45-o52.
- **C.Muthukumar.,P.Dharmarajan.A.Sabastiyam., M.Yosuva Suvaikin., S.Titus 2013.** Photocatalytic Degradation of Reactive Dyes in Effluents Employing Copper Doped

Titanium Dioxide Nanocrystals and Direct Sunlight, *Chemical Science Transactions*, **2**, 1450-1458.

- **C.Muthukumar.,**J.R.Vijayakumar.,S.V.Balakrishnan and G.Shakila 2013. Green Synthesis of Silver Nanoparticles and its Implecatory Effect onto Preparation of Floor Cleaner,*International Journal of Universal pharmacy and bio Sciences*,**2**, 154.
- **C.Muthukumar.,**J.Josephin Novina, G.Vasuki, and M.Syed Ali Padusha2013. Spectral and X-ray Crystallographic Structure Determination of (E)-N1-[(Furan-2-yl)methyiene]-benzohydrazide”,*Indian Journal of Applied Research*,**3**,495-497.
- **C.Muthukumar.,**M.Yosuva Suvaikin , A.Sabastiyan, and C.Kalaivanan (2013)Copper(II) Complexes of a phthalimide Mannich Base (2-Dimehyl-aminomethyl)isoindoline-1,3-dione: Synthesis and Spectral, Thermal and Electrochemical Studies”,*Chemical Science Review and Letters*,2310-318.
- **C.Muthukumar.,** S.Valarselvan., A.Sebastiyan., M.Subramaniyan and M. Shanmugavadivel., 2014. Transition metal complexes of a noval mannich base 7-Diethylaminocinnamyl-8-hydroxyquinoline: Synthesis and Antimicrobial Evaluation.*International Journal of Inorganic and Bioinorganic chemistry*,**4**,23-28
- **C.Muthukumar.,** S.Farrok Basha., 2014. Preliminary phytochemical screening and In vitroAngiotension acivity of Bioactive compound-Steroid isolated from Sargassum Illicifolium. *Intrnational Journal of Pharmacy and Pharmaceutical Sciences*,**6**,299-301.
- **C.Muthukumar.,** S.Valarselvan., A.Sebastiyan and M.Yosuva Suvaikin.,2014. Cobalt(II) and Coppe(II) complexes of a noval mannich base derived from 8-Hydroxyquinoline: Synthesis and spectral, thermal, electrochemical and biological Studies.*Chemical Science Review and Letters*,**3**,127-139.

Paper Presentation in Conference/Seminar/Workshop

S.No.	Presented/ Participated	Date & Place	Topic
1	Presented	07.08.2008 & 08.08.2008 J.J.College of Arts & Science (Autonomous), Pudukkottai	A study on the biological Activity of 7-Dicyclohexylaminomethyl-8-hydroxyquinoline
2	Presented	28.07.2011 & 29.09.2011 VHNSN College, Virudhunagar	Coordination chemistry and Biological Evaluation of 7-dicyclohexyl aminobenzyl-8-hydroxyquinoline
3	Presented	05.08.2011 & 06.08.2011 Alagappa University, Karaikudi	Dyeing effluent treatment to reduce the total dissolved solids by using Coir pith Method
4	Presented	11.01.2012 Bishop Heber College, Trichy	A Study on Transition metal complexes of -7-Dietnylaminomethyl-8-hydroxyquinoline and Evaluation of their Biological Properties
5	Presented	08.03.2018 to 09.03.2018 J.J. College of Arts and Science (Autonomous)Pudukkottai	An Efficient Synthesis of 8-Benzylaminoquinolines under solvent free Condition

6	Presented	09.01.2013 to 10.01.2013 Bishop Heber College, Tiruchirappalli	Cu ^{II} and Mn ^{II} Schiff base complexes derived from (4-Hydroxy-3-methylbenzylidene) acrylamide: Synthesis, Spectral and Antimicrobial Activity
7	Presented	30.01.2013 and 31.01.2013 J.J. College of Arts and Science, Pudukkottai	Synthesis, Physico-Chemical Characterization and Biological Investigation of Cu ^{II} and Ni ^{II} Complexes with 7-Diethylamino cinnamyl-8-hydroxyquinoline
8	Presented	27.02.2013 to 28.02.2013 Jamal Mohamed College, Tiruchirappalli	A Greener and Facile Approach to Prepare Some Benzyl Esters Under Milder Reaction Conditions
9	presented	21.03.2013 to 23.03.2013 Alagappa University, Karaikudi	Synthesis Characterization and Antimicrobial Activity of Some Transition Metal Complexes With a Novel Mannich Base 7-Dimethylaminocinnamyl-8-hydroxyquinoline
10	Presented	04.10.2013 Dhirajlal Gandhi College of Technology, Salem	Cobalt(II) and Copper(II) Complexes of a Novel Mannich Base Derived From 8-Hydroxyquinoline; Synthesis and Spectral, Thermal, Electrochemical and Biological Studies
11	Presented	10.01.2014 and 11.01.2014 Bishop Heber College, Tiruchirappalli	Synthesis, Characterization and Antimicrobial Activity of Manganese(II) and Nickel(II) Complexes of 7-Diethylaminobenzyl-8-hydroxyquinoline

Research Guidance

1	Ph.D.	Guiding : Nil	Completed : Nil
2	M.Phil.	Guiding : 01	Completed : 08

Awards and Achievements: Best NSS Programme Officer Award – February-2020