

BIO-DATA

Dr. A Nepolraj, MSc., B.Ed., PhD.,
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Present Status:

Working as a Assistant professor of Chemistry at Annai College of Arts and Science, Kumbakonam from 1st June 2016 to till date.

Others.



Editor, Journal of Chemical Research Advances,
[Editorial Board – JCRA \(jcras.com\)](http://jcras.com)



Editorial Team,
‘TOCHEMISTRY Journal’ from (01-01-2019) onward **ISSN: 2581-7507**
<http://purkh.com/index.php/tochem/index>

Editor board Member

International Journal of Chemistry Studies, (19-02-2018). ISSN: 2581-348X
www.chemistryjournal.in



Assistant Editor,
International Journal of Chemical Research and Development from (19-01-2018) onward. ISSN:2664-6560

Editor, INTERNATIONAL JOURNAL OF ADVANCED CHEMISTRY RESEARCH
www.chemistryjournals.net (1.01.2018)



EDITORIAL TEAM- INTERNATIONAL JOURNAL OF ENGINEERING DEVELOPMENT AND RESEARCH, www.ijedr.org/editorialBoard.php

Reviewer, Member

Iranian Journal of Chemistry and Chemical Engineering (IJCCE)

<http://www.ijcce.ac.ir/>

Oriental Journal of Chemistry,

<http://www.orientjchem.org/list-of-the-peer-reviewers/>



Member



MEMBERSHIP (15-12-2019), Received from American Chemical Society, Washington, D.C. USA



Chinese Chemical Society Membership Number: 210110210

Educational Qualification:

- 1) **Ph.D.**, Chemistry, Government Arts College (autonomous), Kumbakonam, Tamilnadu, India. (2011-2018) with (82%) (CGPA: 8.33/10.00) - Commanded
- 2) **M.Sc.**, Chemistry, Government Arts College (autonomous), Kumbakonam, Tamilnadu, India. (2009-2011) with **First Class - Distinction 75.74% (CGPA: 7.76/10)**
- 3) **B.Ed.**, Physical Science, New Ideal College of Education, Tiruchirappalli, Tamilnadu, India. (2008-2009) **First Class (75.33%)**
- 4) **B.Sc.**, Chemistry, Government Arts College (autonomous), Kumbakonam, Tamilnadu, India. (2005-2008) with **First Class - Distinction 77.22%**
- 5) **Higher Secondary School Leaving Certificate (HSC)**, Examination. Sri.K.G.S, Hr. Sec. School, Aduthurai. TN, India (2005) with **First Class 71.16 %**.
- 6) **Secondary School Leaving Certificate (SSLC)** Examination from Sri.K.G.S, Hr. Sec. School Aduthurai. TN, India (2003) with **First Class 70.80%**.

Award:

Best Young Scientist National Award- 23rd February 2020 Prestigious IRDP -Tamilnadu, Chennai.

DST-SERB, Project Assistant – Research Laboratory, Department of Chemistry, Kumbakonam.
Research Focuses on ‘*Adopting Expensive Drugs via New Exchangeable Routes – Synthesis of Quinoline Alkaloids*’ (01-01-2014 to 15-01-2015).

Experience

Teaching Experience: UG/ PG – 5 Year 9 Month,
Department of Chemistry,
Annai College of Arts and Science,
Kumbakonam - India, TN-612 503

Research Experience: 10 Year

PhD., Research Advisor, (Bharathidasan University, Trichy),
Department of Chemistry,
Annai College of Arts and Science,
Kumbakonam

Publications:

1. **Nepolraj Amaladoss**, Vasy I Shupeniuk, Design and development of indoloacridinol as novel androgen receptor antagonists, Under review, *Iranian Journal of Chemistry and Chemical Engineering (IJCEE)* 2021
2. **Nepolraj Amaladoss**, Vasy I Shupeniuk, Ilayaraja Sivagnanam, **Synthesis and *In-Silico* Studies of Novel Potent Kinase Inhibitors: 3-Indoloylquinoline Alkaloid**, is accepted for the publication in the journal “**Chemistry & Chemical Technology**” 2022, 15 (1),
3. **Nepolraj Amaladoss**, Vasy I Shupeniuk, Design *In-silico* Studies and Synthesis of New 2-Phenyl-2,3 dihydroquinolin-4(1H)-one of interaction studies on COVID-19 main protease – inhibitor, **Vietnam Journal of chemistry, Hanoi & Wiley -VCH**, 2021, 59(4), 511-521
4. V. I. Shupeniuka, **Nepolraj Amaladoss**, T. N. Tarasa, O. P. Sabadakha, and N. P. Matkivskyia. Synthesis and *In -Silico* Study of 4-Substituted 1-Aminoanthraquinones, **Russian Journal of Organic Chemistry**, 2021, Vol. 57, No. 4, pp. 582–588. (Springer)
5. **Nepolraj A**, Pitchai P, Vijayarathinam M, A Facile Synthesis Of 2-Hydroxy-3-Phenylquinoline Derivatives, **Malaysian Journal of Chemistry**, 21(3), 66-77, 2019.
6. **Nepolraj A**, Pitchai P. Mani P, One-pot synthesis of Pyrono [2,3] quinoline via the tandem cyclization Algar-Flyn-Oyamanda reactions, **Organic Chemistry Research, Iranian Chemical Society**, 5 (2),167-173, 2019.
7. **Nepolraj A**, **Sumathi S**, **Ilaiyaraja S**, Research Paper: Synthesis, Crystal Growth and Characterization of (E)-3-(4(dimethylamino)phenyl)-1-phenylprop-2-en-1-one: An Organic Crystal, **Journal of Applicable Chemistry**, 8 (3), 1044-52, 2019.

8. **Nepolraj A, Sumathi S, Ilaiyaraja S, Charles Kanakam,** A Facile solid-state synthesis and antimicrobial activity studies on some piperidone derivatives, *International Research Journal of Pharmacy*, 10(10),104-108, 2019.
9. P. Pitchai, **A. Nepolraj**, M. Sathiyaseelan and R M Gengan 2,4-dihydroxy-3-(indol-2-yl)-quinoline *via* A Substantial Methodology – Fisher Indole Synthesis. *Heterocyclic letters*, 16 (1), 11-14, 2016.
10. **A. Nepolraj**, M. Sathiyaseelan, P Pitchai and R M Gengan. An alternative approach to synthesis of 3-(2,4- dichloroquinolin-3-yl)-1- phenyl-1H-pyrazole-4-carbaldehyde using the Vilsmeier Haack reaction, *International Journal of Chemical Studies*, 4 (2), 83-85, 2016.
11. P Pitchai, M Sathiyaseelan, **A Nepolraj**, R M Gengan. An Elegant Synthesis of Indoloquinoline Alkaloid Cryptotackeine *via* Vilsmeier-Haack Approach. *Indian journal of chemistry*, 54 (10), 1290-1292, 2015.
12. M.Sathiyaseelan, **A. Nepolraj**, P Pitchai and RM Gengan, Vilsmeier-Haack Methodology as a Key step to Noval Heterocycle, Synthesis of 3-phenyl-1-(3-phenylquinolin-2-yl)-1H-pyrazole-4-carbaldehyde *Indian Journal of Advances in Chemical Science* 4 (2), 1-8 2016.
13. K.Babu, P. Pitchai, M. Sathiyaseelan and **A. Nepolraj** Studies about Synthesized quinoline fused 1,2,4-triazine derivatives *Der Pharma Chemica* 7(6), 17-20 2015.
14. K.Babu, P. Pitchai, M. Sathiyaseelan and **A. Nepolraj** Noval Pyrazoline Derivatives: Synthesis, Characterization and Antimicrobial Studies *Der Pharma Chemica* 7(6),95-98 2015.

Books Publications:

1. Green Synthesis of Progressive Quinoline Alkaloids - 978-613-8-91378-8, Scholar Press Germany.



2. Synthesis of Indolylquinoline and Acridone Alkaloids- A Green Approach - 978-613-8-82911-9, Scholar Press Germany

Presentations

1. **American Chemical Society** - ACS PUBLICATIONS FORUM EXPANDING FRONTIERS IN CHEMICAL SCIENCES, Greener synthesis and antipsychotic studies of topical Pyranoquinoline derivatives, Page 26. November 2, 2018 – (ACS).

2. 2nd International Meeting on **ACS-CRSI** (American Chemical Society-Chemical Research Society of India) Symposium Organized by the Department of Chemistry on 18 July 2019 in IIT Kanpur.
3. **18th National Conference [NCRDSET-18] Indian Society For Technical Education, St. Annes College Of Engineering** Panruti- 23rd March 2018 Presented A Research Greener Synthesis and *Antipsychotic Studies Of Optical Pyranoquinoline Derivative*
4. **Vilsmeier Haack reaction- A synthetic Tool to Arrive Indolyl quinoline**” A. Nepolraj, P. Pitchai and R M Gengan. Page No 166, 2016 ICMR, DBT, INSA- International Conference on Cancer Biology: Drug Discovery and NOVEL Therapeutics Saiva Bhanu Kshatriya College, Aruppukottai, TN, India.
5. **“Accessible and Simple Routes to Synthesize Pyrazoloquinoline”** A. Nepolraj, P. Pitchai and R M Gengan. Page No 112, 2015 UGC- National Conference on Recent Advances on Luminescent Materials, [RALM 2015] at Annamalai University, Annamalaiagar, TN, India.
6. **“An Elegant Synthesis of Indoloquinoline Alkaloid Cryptotackieine via Vilsmeier Haack Approach”** M. Sathiyaseelan, A. Nepolraj, P. Pitchai and K. Babu ,Page No 113, 2015. National Conference of Recent Advances on Luminescent Materials, [RALM-2015] at Annamalai University, Annamalaiagar, TN, India
7. **“An Equivalent Drugs to Paracetamol - A Synthetic Approch”** A. Nepolraj and P. Pitchai M. Sathiyaseelan. Page-38. 2015: ISBN: 978-93-85109-02-7. UGC- Proceedings of the National Seminar on Mordern Trends in Chemistry –MTC at Post Graduate and Research Department of Chemistry, Vivekananda College, Tiruvedakam, TN, India.
8. **“Synthetic Approch To The An Prallel Drugs to Paracetamol”** M. Sathiyaseelan, A. Nepolraj and P. Pitchai Page 40, 2015: ISBN: 978-93-85109-02-7. UGC- Proceedings of the National Seminar on Mordern Trends in Chemistry –MTC at Post Graduate and Research Department of Chemistry, Vivekananda College, Tiruvedakam, TN, India
9. **“Fisher indole synthesis of 2,4-dihydroxy-3-(2-indol)-yl-quinoline”** A. Nepolraj. M. Sathiyaseelan and P.Pitchai. Page-40. 2015: UGC- Proceedings of the National conference on Resent Developments in Chemistry RDC at Department of Chemistry, Saiva Bhanu Kshatriya College, Aruppukottai, TN, India.
10. **“Vilsmeier Haack Approach To Aafford 2-chloro-3-(2-(indol)-yl ethyl)-quinoline”** M. Sathiyaseelan, A. Nepolraj and P.Pitchai. Page 45, 2015: UGC- Proceedings of the National conference on Resent Developments in Chemistry RDC at Department of Chemistry, Saiva Bhanu Kshatriya College, Aruppukottai, TN, India
11. Participated in National level Seminar on ‘Prospects in Chemistry’ held at Department of chemistry, National College, Tiruchirapalli- india – 2011.

Research Guide:

Dr. P.Pitchai. M.Sc.,Ph.D.,PDF (RSA).

Assistant Professor

DST-SERB, Research Lab,

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Co-Guide & Doctoral Committee Members,

Dr. P. S. Mohan

Head of Department,
Department of Chemistry,
Bharathiyar University,
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Dr. S. Kabilan

Head of Department,
Department of Chemistry,
Annamalai University,
Annamalai Nagar,
Chidambaram,
Tamilnadu, India

References

1. 1.Dr Mykola Obushak
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Professor and Head of Department of Organic Chemistry
(Honored Professor of Ivan Franko National University of Lviv)
Ukraine.
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3. Kolodyazhny Oleg Ivanovich (O. Kolodyazhny)
Doctor of Chemistry, Professor,
Institute of Bioorganic Chemistry and Petrochemistry,
The National Academy of Sciences of Ukraine, Kiev
E-mail: olegkol321@rambler.ru

My Details,

Father Name	:	P. Amaladoss.
Mother Name	:	A. Albonsmary
Date of Birth	:	05.06.1987
Age	:	33
Sex	:	Male
Blood Group	:	B ⁺ ve
Nationality	:	Indian
Community	:	Christian (OBC)

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Date :

Place : KUMBAKOANAM

A.NEPOLRAJ

பாரதிதாசன் பல்கலைக்கழகம்

திருச்சிராப்பள்ளி - 620 024



(Accredited with A+ Grade by NAAC in the Third Cycle)
Palkalaiperur, Tiruchirappalli - 620 024
Tamil Nadu, India

Prof. S. Muthusamy
Director - Research

26.05.2020

Ref.No: 000749 /Ph.D./K12/Chemistry/R.A./26.05.20

To

Dr. A. Nepolraj
Assistant Professor
Department of Chemistry
Annai College of Arts & Science
Kumbakonam - 612 503

Sir/Madam,

Sub: Ph.D., Programme – Guide Recognition – Reg.

Ref: 1. Your application dated 20.12.19
2. The Vice Chancellor's Order dated 20.04.2020

With reference to your application cited, I am, by direction to inform you that you have been **recognized as a Research Advisor** for guiding Research work of the candidates in **Chemistry** as per the Ph.D., Regulations of this University.

Further, I am to inform you to adhere the Ph.D., Regulations of Bharathidasan University for the Research Scholar for the admission of the Ph.D., Programme.

Yours Sincerely,

S. Muthusamy
20/5/20
DIRECTOR (RESEARCH)

Copy to

The Principal
Annai College of Arts & Science
Kumbakonam - 612 503

<http://www.bdu.ac.in/research/index.php> | Phone : 0431-2407106 | E-mail : director.research@bdu.ac.in

All Communications are to be addressed to The Director - Research in connection with Ph.D. program
Please quote our reference in all your replies