

Dr.RAJESHKUMAR M

Assistant Professor,
Department of Chemistry,
Bishop Heber College,
Tiruchirappalli - 17.

E-mail : albertrajesh44@gmail.com

Phone : 8668042639

Web:

Ph.D. Details

Title of Thesis

Synthesis, Characterization and Molecular Validation of therapeutically Imperative Isatin Derivatives through

Efficacy cooperations

Research Supervisor
Dr.Violet Dhayabaran

Research Centre

Bishop Heber College

Area of Specialization

Synthetic Organic Chemistry, Medicinal Chemistry and drug design

Year of Award

2021

Additional Qualification

Name of Course

DBAT, DAMLT

Place of Study

Bishop Heber College

Date

2010, 2011

Duration

01 year

Work Experience

Name of Institution

Subramanya College Of arts and Science-Palani

Address of Institution

Palani-Udumalai Main Road, Thalayuthu-Palani, Palani-624618

Designation

Assistant Professor

From

01-09-2021

To

01-12-2022

Teaching / Research Experience

U.G. : 01 year

P.G. :

M.Phil.

Ph.D.

Table of Contents

1.	Conferences / workshops / Seminars Attended	11
2.	Research Papers Presented	0
3.	Publication in Journals	7
4.	Publication in Books	0
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	0
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. College level Conference on **"India-UK Second International Conference on Advanced Nanomaterial for energy environment and healthcare applications"** sponsored by Bishop Heber College organized by Bishop Heber College at during 04/02/2019 to 06/02/2019.
2. College level Conference on **"International Conference on Chemical Research and Innovations Today"** sponsored by Bishop Heber College organized by Bishop Heber College at during 24/01/2019 to 24/01/2019.
3. University level Conference on **"International Conference on Water :From pollution to purification today"** sponsored by Mahatma Gandhi University-Kottayam organized by Mahatma Gandhi University-Kottayam at during 07/12/2018 to 10/12/2018.
4. University level Conference on **"National Conference on advance and innovations in Biotechnology multidisciplinary approaches to food , health ,environmental and energy issues"** sponsored by Dayananda Sager Institutions - Bangaluru organized by Dayananda Sager Institutions - Bangaluru at during 15/08/2018 to 16/08/2018.
5. College level -1 on **"National Workshop on Analytical Techniques for Research in Physics, Chemistry and life Science"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy-17 during 09/05/2018 to 09/05/2018.
6. -1 level Workshop on **"Discovery and Development of novel therapeutics through in silico methods"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy-17 during 14/03/2018 to 15/03/2014.
7. College level Conference on **"International Conference on Frontiers in Nano-Biotechnology"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy-17 during 08/09/2017 to 09/09/2017.
8. -1 level Conference on **"National Conference on Computational analysis of Molecular Data in Synergy with Biological Application"** sponsored by Bishop Heber College organized by Bishop Heber College at during 03/02/2017 to 03/02/2017.
9. University level Conference on **"Modern Trends in Molecular Magnets"** sponsored by IIT-Mumbai organized by IIT-Mumbai at during 19/05/2016 to 21/05/2016.
10. University level Workshop on **"Workshop on Electronic Structure of Coordination Complexes"** sponsored by IIT-Mumbai organized by IIT-Mumbai at IIT-Bombay during 16/05/2016 to 18/05/2016.
11. University level Conference on **"International Conference on Recent Advances in Materials and Chemical Science"** sponsored by Gandhigram Rural Institute -Dindigul organized by Gandhigram Rural Institute -Dindigul at during 14/12/2015 to 15/12/2015.

1. **"In silico evaluation of isatin-based derivatives with RNA-dependent RNA polymerase of the novel coronavirus SARS-CoV-2"** published in Journal of Biomolecular Structure and Dynamics (PEER REVIEW) Vol. 40, Issue No. 15, September 2022 ISSN : ---.
Impact factor , Scopus Index Google Scholar, h - index 5, Citation index 4
2. **"p-TSA. H2O mediated one-pot, multi-component synthesis of isatin derived imidazoles as dual-purpose drugs against inflammation and cancer"** published in Bioorganic Chemistry (PEER REVIEW) Vol. 102, Issue No. 1, January 2020 ISSN : ---.
Impact factor , Scopus Index Google Scholar, h - index 5, Citation index 14
3. **"Cu- mediated synthesis of Triazolo-Benzodiazepinoisoquinolines, Pyrrolo-Triazolo Benzodiazepines and Pyrido-Triazolo Diazepines from aliphatic cyclic amines as anti-neurodegenerative agents; preliminary screening through molecular docking, Lipinski's filter and ADMET predictions"** published in Bioorganic and Medicinal Chemistry Letters (PEER REVIEW) Vol. 29, Issue No. , March 2019 ISSN : ---.
Impact factor , Scopus Index Google Scholar, h - index 5, Citation index 22
4. **"Synthesis and Molecular Drug Efficacy of Indoline-based Dihydroxy-thiocarbamides: Inflammation Regulatory Property Unveiled over COX-2 Inhibition, Molecular Docking, and Cytotoxicity Prospects"** published in Journal of heterocyclic compounds (PEER REVIEW) Vol. 55, Issue No. 4, May 2018 ISSN : ---.
Impact factor , Scopus Index Google Scholar, h - index 5, Citation index 4
5. **"An efficient and eco- friendly catalytic system for multicomponent, one-pot synthesis of novel spiro-chromeno indolinetriones as the alkaline phosphatase inhibitors with prostate cancer medication potentials"** published in Bioorganic chemistry (PEER REVIEW) Vol. 81, Issue No. 2, February 2018 ISSN : ---.
Impact factor , Scopus Index Google Scholar, h - index 5, Citation index 22
6. **"N-substituted hydroxynaphthalene imino-oxindole derivatives as new class of pi3-kinase inhibitor and breast cancer drug: Molecular validation and Structure Activity Relationship studies"** published in Chemical biology and drug design (SELECT) Vol. 91, Issue No. 1, January 2018 ISSN : ---.
Impact factor , Scopus Index Google Scholar, h - index 5, Citation index 19
7. **"Microwave-assisted synthesis of spirocarbocycle derivatives and their anticancer activity, molecular docking studies"** published in Der PharmaChemica (PEER REVIEW) Vol. 8, Issue No. 0975-413X, April 2016 ISSN : 0975-413X.
Impact factor , Scopus Index Google Scholar, h - index 5, Citation index 2

Signature of Staff
(RAJESHKUMAR M)