

# Curriculum Vitae

**Mr. M. Kanagaraj M.Sc., M.Phil, B.Ed., (Ph.D).**

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## PERSONAL INFORMATION

- ❖ Name : Mr. M. Kanagaraj
- ❖ Parent's Name : Mr. S. Murugesan- Mrs. M. Mariyammal
- ❖ Date of Birth & Age : 04-06-1988, 30
- ❖ Sex : Male
- ❖ Marital status : Married
- ❖ Nationality : Indian
- ❖ Religion : Hindu
- ❖ Languages Known : Tamil & English

## EDUCATIONAL QUALIFICATION:

CLASS/ COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	CLASS
B.Ed.	Annai Fathima College of Education	Tamilnadu Teachers Education University	2018-2020	I
Ph. D (Chemistry)	Madurai Kamaraj University	Madurai Kamaraj University	Pursuing (2014 onwards)	
M. Phil (Chemistry)	Madurai Kamaraj University	Madurai Kamaraj University	2013	I
M.Sc. (Chemistry)	Devanga Atrs College Aruppukottai (Autonomous)	Madurai Kamaraj University	2012	I
B.Sc. (Chemistry)	Devanga Atrs College Aruppukottai (Autonomous)	Madurai Kamaraj University	2009	I
HSC	Govt. Hr. Sec. School Sankaralingapuram	State Board	2005	I
SSLC	Govt. Hr. Sec. School Sankaralingapuram	State Board	2003	I

## WORK EXPERIENCE:

- ❖ 3 years working as an Assistant Professor in Department of Chemistry, Annai Fathima College of Arts and Science, Thirumangalam, Madurai.

## PROFESSIONAL OBJECTIVE:

To build career in a growing organization, where I can get the opportunities to prove my abilities by accepting challenges, fulfilling the organization goal and climb the career ladder through continuous learning and commitment.

## AREA OF INTEREST:

- ❖ Organic and Inorganic Chemistry
- ❖ Natural Chemistry
- ❖ Physical Chemistry

## RESEARCH WORK:

1. Ph.D. (Thesis Title) : **Development of Novel Catalytic System for Sustainable Organic Synthesis.**
2. M. Phil (Dissertation) : **IRMOF-3 as an Efficient Heterogeneous and Sustainable Catalyst for The Synthesis of 2-Iminocoumarins.**
3. M.Sc. (Dissertation) : **Assesment of Water Quality of Dam and Ground Water in and Around Kullursanthai, Virudhunagar District.**

## COMPUTER PROFICIENCY:

Platforms : MS Office and Scientific Software

## INSTRUMENT HANDLING AND DATA PREDICTION:

- ❖ HPLC (High Performance Liquid Chromatography)
- ❖ LC/ MS & ESI/ MS
- ❖ GC (Gas Chromatography)
- ❖ NMR
- ❖ UV
- ❖ FT- IR
- ❖ PXRD
- ❖ SEM

## PAPERS UNPUBLISHED:

- ❖ Cu(BTC) Metal Organic Frameworks as a Sustainable Heterogeneous Catalyst for Synthesis of *N*-aryl Sulfonamides *via* Chan-Lam Coupling. **(Communicated)**
- ❖ Fe(BTC) Metal Organic Frameworks Catalyzed Synthesis of 2-Aminobenzothiazoles and 2-Aminobenzoxazoles: A Greener and Sustainable Approach. **(Manuscript under Preparation)**

- ❖ IRMOF-3 as an Efficient Heterogeneous Solid Base Catalyst for the Synthesis of 3-Cyanoacetyl-Indole-Acrylonitriles. **(Communicated)**
- ❖ IRMOF-3 as an Efficient Heterogeneous and Sustainable Catalyst for the Synthesis of 2-Iminocoumarins. **(Manuscript under Preparation)**
- ❖ Fe(BTC) Metal-Organic Frameworks Catalyzed Desulphurization towards the Synthesis of Isothiocyanates: A Sustainable Approach for Isothiocyanates Synthesis. **(Manuscript under Preparation).**

#### **INTERNATIONAL CONFERENCES/ RESEARCH WORK PUBLISHED:**

**Kanagaraj M**, Suresh P, “*Cu(BTC) Metal Organic Frameworks as a Sustainable Heterogeneous Catalyst for Synthesis of N-aryl Sulfonamides via Chan-Lam Coupling*”, TEQIP II Sponsored International Conference on Advances in Biological, Chemical and Physical Sciences (ABCPS’ 2017) jointly organized by the Departments of Biotechnology, Chemistry and Physics, Bharathidasan Institute of Technology (BIT) Campus, Anna University, Tiruchirappalli-620 024 during March 13<sup>th</sup>– 15<sup>th</sup>, 2017.

- ❖ **Kanagaraj M**, Suresh P, “*IRMOF-3 as an Efficient Heterogeneous Solid Base Catalyst for the Synthesis of 3-Cyanoacetyl-Indole-Acrylonitriles*”, International Conference on Frontier Areas in Chemical Technologies – 2017 (FACTs- 2017), Department of Industrial Chemistry, Alagappa University, Karaikudi- 630 003 during July-06 - 08, 2017.
- ❖ **Kanagaraj M**, Suresh P, “*Fe(BTC) Metal Organic Frameworks Catalyzed Synthesis of 2-Aminobenzothiazoles and 2-Aminobenzoxazoles: A Greener and Sustainable Approach*”, International Conference on Advanced Materials Science and Technology (ICAMST - 2017), Department of Physics, Bannari Amman Institute of Technology, Sathyamangalam- 638 401 during August 17- 19, 2017.
- ❖ **Kanagaraj M**, Suresh P, “*IRMOF-3 as an Efficient Heterogeneous and Sustainable Catalyst for the Synthesis of 2-Iminocoumarins*”, 10<sup>th</sup> Mid-Year Chemical Research Society of India (CRSI) Symposium in Chemistry, National Institute of Technology, Tiruchirappalli during July 23- 25, 2015.

## LIST OF PROGRAMS PARTICIPATED

S. No	Name of the Programme	Title of the Programme	Dates of the Programme	Organized by
1	Symposium	Inorganic Chemical Biology	17 <sup>th</sup> - 18 <sup>th</sup> March 2017	School of Chemistry, Madurai Kamaraj University, Madurai-21.
2	Lecture Workshop	Entrepreneurship Skill Development in Chemistry	10 <sup>th</sup> - 11 <sup>th</sup> March 2017	School of Chemistry, Madurai Kamaraj University, Madurai-21.
3	Lecture Workshop	Recent Developments in Chemistry	27- 28 January 2016	School of Chemistry, Madurai Kamaraj University, Madurai-21.
4	Appreciation to the organizing the Program	National Science Day ALCHEMY 2016	29 <sup>th</sup> February 2016	School of Chemistry, Madurai Kamaraj University, Madurai-21.
5	National Conference	Biomaterials in Medicinal Chemistry (BMC- 2015)	21 <sup>st</sup> - 22 <sup>nd</sup> December 2015	Department of Natural products Chemistry, Madurai Kamaraj University, Madurai-21.
6	National Level Lecture Workshop	Emerging Trends in Chemistry	18 <sup>th</sup> - 20 <sup>th</sup> July 2014	Department of Chemistry, Devanga Arts College, Aruppukottai-626 101.
7	Appreciation in the Cultural Program	NAAC PEER TEAM Visit, Madurai Kamaraj University	6 <sup>th</sup> May 2014	The Student of Madurai Kamaraj University, Madurai-21.
8	National Seminar	Catalysis and Catalyzed Reactions	28 <sup>th</sup> March 2014	Department of Natural products Chemistry, Madurai Kamaraj University, Madurai-21.
9	International Conference	Advanced Material, Processing and Devices (AMPD - 2013)	15 <sup>th</sup> - 16 <sup>th</sup> July 2013	Department of Material Science, School of Chemistry, Madurai Kamaraj University, Madurai-21.
10	National Seminar	Current Trends in Organic Synthesis	19 <sup>th</sup> June 2013	Department of Organic Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai-21.
11	State Level Seminar	"ETC 3"	25 <sup>th</sup> February 2012	Department of Chemistry, Devanga Arts College, Aruppukottai-626 101.
12	Training Programme	Simple Chemical Products	20 <sup>th</sup> - 21 <sup>th</sup> March 2009	Wind Foundation, Madurai- 11.
13	National Seminar	Nano Technology and Drug Research	17 <sup>th</sup> October 2008	Department of Chemistry, Aditanar College of Arts and Science, Trichendur- 628 216.
14	National Seminar	Challenges in Front of Chemists in the Global Scenario	15 <sup>th</sup> - 16 <sup>th</sup> September 2008	Department of Chemistry, Devanga Arts College, Aruppukottai-626 101.

### DECLARATION:

I hereby declare that the above information are true, complete and correct to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

**(M. KANAGARAJ)**