

Curriculum Vitae

VIJAYA KUMAR.V

Ph.D., Research Scholar
Dept. Inorganic Chemistry
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OBJECTIVE:

To make professional career with self-confidence for development of Science & Technology and interface with society.

EDUCATIONAL QUALIFICATION:

DOCTOR OF PHILOSOPHY (Ph.D.) IN CHEMISTRY [Waiting for Awarded]

Dept. Inorganic Chemistry, School of Chemistry,
Madurai Kamaraj University, Madurai, Tamil Nadu, India.
(Viva voce Completion Date: **27.10.2020**)

MASTER OF PHILOSOPHY (M.Phil.) IN CHEMISTRY [62.30%]

(By Distance Education) Vinayaga Mission University,
Salem, Tamil Nadu, India.(2009-2010)

MASTER OF SCIENCE (M.Sc.,) IN CHEMISTRY [62.30%]

Periyar University, Salem,
Tamil Nadu, India.(2005-2007)

BACHELOR OF SCIENCE (B.Sc.,) IN CHEMISTRY [55.66%]

Sethupathi Government Arts college,
Madurai Kamaraj University,
Ramanathapuram, Tamil Nadu, India.(1999-2002)

HIGHER SECONDARY COURSE CERTIFICATE [56.33%]

Ayira Vaisya Higher Secondary School,
Paramakkudi, Tamil Nadu, India.(1997-1999)

SECONDARY SCHOOL LEAVING CERTIFICATE [71.80%]

Pallivasal Higher Secondary School,
Mudukulathur, Tamil Nadu, India.(1997)

RESEARCH EXPERIENCE:

I did my Doctor of Philosophy Project entitled “**Development of Antidiabetic Phytomedicines (Isolation, Characterization and Antidiabetic activity of Phytomedicinal Compounds from Mangrove Plants)**”

HANDS ON EXPERIENCE:

Tin Layer Chromatography (TLC)
Column Chromatography
UV Spectroscopy
IR Spectroscopy
Rotary flash Evaporator

FIELD OF INTEREST:

Natural product chemistry

Synthetic Organic Chemistry

Electrochemistry

Research paper publications:

Andy Ramu* and Veluchamy Vijayakumar. **Antidiabetic activity of 7-methoxycoumarin from the bark of Marine plant Rhizophora mucronata**. *Global Advanced Research Journal of Medicinal Plant (GARJMP)* Vol. 4(1) pp. 001-006, May 2016.

M. Gnanadesigan • M. Anand • S. Ravikumar • M. Maruthupandy • M. Syed Ali • V. Vijayakumar • A. K. Kumaraguru. **Antibacterial potential of biosynthesised silver nanoparticles using *Avicennia marina* mangrove plant**. *Appl Nanosci* 25 Nov 2011.

M Gnanadesigan^{1*}, M Anand¹, S Ravikumar², M Maruthupandy¹, V Vijayakumar³, S Selvam⁴, M Dhineshkumar¹, AK Kumaraguru¹. **Biosynthesis of silver nanoparticles by using mangrove plant extract and their potential mosquito larvicidal property**. *Asian Pacific Journal of Tropical Medicine* (2011)799-803.

S Ravikumar^{1*}, G Ramanathan², M Gnanadesigan¹, A Ramu³, V Vijayakumar³. **In vitro antiplasmodial activity of methanolic extracts from seaweeds of South West Coast of India**. *Asian Pacific Journal of Tropical Medicine* (2011)862-865.

M. RAJA ¹, S. RAVIKUMAR ^{1*}, M. GNANADESIGAN ² and **V. VIJAYAKUMAR** ². ***In vitro* antibacterial activity of diterpene and benzoxazole derivatives from *Excoecaria agallocha* L.** *Int. J. Biol. Chem. Sci.* 4(3): 692-701, June 2010.

Sabina Jhaumeer Laulloo^{1*}, M. G. Bhowon¹, S. Ravikumar², M. Raja³, M. Gnanadesigan², A. Kalaiarasi² and **V. Vijayakumar**². **Antibacterial activity of schiff base ligands containing pyridine and disulphide moieties against human bacterial pathogens.** *Journal of Pharmacy Research* 2010, 3(8),2012-2014.

INTERNATIONAL CONFERENCE:

INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SECURITY FOR FOOD AND HEALTH organized by The M.D.T.Hindu college, Tirunelveli,K.K.Trust, Chidambaram,Tamilnadu, India (16-18 Februray 2012).

INTERNATIONAL CONFERENCE AND WORKSHOP ON NEW MATERIALS AND DEVICES FOR PHOTOVOLTAIC APPLICATION (ICWNMDP-2011) organized by Department of Chemistry, Madurai Kamaraj University, Madurai. (Feb 10-12, 2011)

INTERNATIONAL YEAR OF CHEMISTRY CELEBRATIONS organized by School of Chemistry, Madurai Kamaraj University, Madurai on 19th December 2011.

INTERNATIONAL CONFERENCE ON CLIMATE CHANGE AND BIORESOURCE organized by Department of Biotechnology, Bharathidasan University (ICCCB Feb 9 to 12 2010).

NATIONAL CONFERENCE and WORK SHOP:

WORK SHOP ON FUNCTIONAL COATINGS-CURRENT TRENDS organized by department of chemistry, Thiagarajar college of engineering, Madurai (March 6, 2015)

NATIONAL SEMINAR ON RECENT ADVANCES IN CRYSTAL GROWTH AND CRYSTALLOGRAPHY (RACC-2012) organized by school of physics, Madurai Kamaraj University, Madurai.(March 21-22,2012).

NATIONAL SEMINAR ON **NANO STRUCTURED MATERIALS AND APPLICATION** organized by school of chemistry, Madurai Kamaraj University, Madurai. (**NANMA. MARCH 04-05, 2011**)

CENTRAL GROUND WATER BOARD ON **WATER MANGEMENT TRAINING** organized by Government of India, Ministry of Water Resources South Eastern Coastal Region Chennai. (Jan 6&7 2011).

NATIONAL SEMINAR ON **RECENT ADVANCES IN INORGANIC AND NANO CHEMISTRY** organized by Department of inorganice chemistry, school of chemistry, Madurai Kamaraj University, Madurai (March 29-30,2010).

NATIONAL CONFERENCE CUM WORKSHOP ON **Current Trends in Medicinal Chemistry (MED CHEM 2009)** Organized by Department of Chemistry, Indian Institute of Technology Madras (April 2-4, 2009)

WORK SHOP ON **SCIENTIFIC VALIDATION OF TRADITIONAL HERBAL MEDICINE** organized by Department of botany, Bharathiar university,Coimbatore (DECEMBER 16&17, 2009)

NATIONAL SYMPOSIUM ON **Current Trends In Marine Science And Technology** Organized Department of Zoology and Department of Marine Science and Coastal Resource Management, Madras Christian College, Chennai. (Jan 22-24, 2009)

STATE LEVEL SEMINAR ON **Conservation and Utilization of Bioresources for Rural Development** Organized by Department of Biology , Dr. Zahir Husain College, Ilayangudi. (Dec 29-30, 2008)

NATIONAL SEMINAR ON **Recent Advances In Nanoscience And Technology (RANSAT-2005)** Organized by Department of chemistry, Periyar University, Salem (Sept 29-30 2005)

TITLE OF THE M.Phil., DESSERTATION:

Isolation And Characterization of Natural Caffeine From Salt Tolerant Mangrove Plant *Rhizophora mucronata*.

ADDITIONAL SKILLS:

Basic Computer Knowledge in one year Course (**Computer- Cum- Internet Literacy Programme**) Conducted by **Directorate of Collegiate Education**.

PERSONAL DETAILS:

DATE OF BIRTH : 03/03/1982

FATHER'S NAME : VELUCHAMY.M

MARITAL STATUS : SINGLE

NATIONALITY : INDIAN

PERMANENT : S/O M. VELUCHAMY,
3/15 M. KADAMPANKULAM (VILL),
MUTHUKULATHUR (TK),
RAMANATHAPURAM (DIST),
TAMIL NADU, INDIA.
PIN CODE-623704.

REFERENCES:

Dr.A.RAMU, M.Sc.,Ph.D.,
Former Professor & HOD,
Department Of Inorganic Chemistry,
Madurai Kamaraj University,
Madurai, Tamil Nadu, India.

Dr.S. RAVI KUMAR, M.Sc., M.Phil., Ph.D.,
Professor & HOD,
Alagappa University,
Science Campus, Karikudi,
Karikudi, Tamil Nadu, India.