

Dr.Rajarajan Thatchinamoorthi M.Sc, MPhil,PhD

Assistant Professor,
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Professional Experience (24 Years)

Designation	Organization	Duration
Assistant Professor	National College, Trichy	Since Jul 2019
Staff Scientist	Bioscience Core Lab, King Abdullah University of Science and Technology, Saudi Arabia.	Nov 2010 -Feb 2019
Assistant Professor	High Tech Institute of Medical Technology, Libya.	Oct 2009 –Aug 2010
Assistant Professor	School of Chemical and Biotechnology, SASTRA University, Thanjavur.	Dec 2006- Aug 2009
Lecturer & Head	Department of Biochemistry, KSR College, Tiruchengode.	May 2006 – Nov 2006
Lecturer	Selvam College of Arts and Science, Namakkal.	Jun 2004 to Apr 2006
Lecturer & Head	Department of Biochemistry, Kandasami Kandars College, Velur, Namakkal.	Jul 1999 to Apr 2004

Professional Trainings:**Hands-on LC-MS Data processing and Statistics 2017**

Duration: April 3-7, 2017

Place: **NIH West Coast Metabolomics Center at UC Davis, CA, USA**

Online course on Metabolomics Data Processing and Data Analysis

Duration: 20 Feb 2017 to 17 Mar 2017

Organiser: University of Birmingham

Areas of Interest:

- ❖ **Mass Spectrometry: LC-MS GCMS**
- ❖ **Metabolomics**
- ❖ **Molecular Biology**

❖ **Biochemical Techniques**

❖ **Phytochemistry**

Google Scholar:

<https://scholar.google.com/citations?hl=en&user=3EsETVgAAAAJ>

Vidwan ID:

<https://vidwan.inflibnet.ac.in/profile/439427>

Selected Publications

- ❖ Antidiabetic effect of S-allylcysteine: Effect on plasma and tissue glycoproteins in experimental diabetes. Saravanan G, Ponmurugan P, Senthil Kumar GP, **Rajarajan T.** Phytomedicine 2010 Dec 1; 17(14):1086-9. Doi:10.1016/j.phymed.2010.04.008. Epub 2010 Jun 23
- ❖ Antidiabetic properties of S-allyl cysteine, a garlic component on streptozotocin-induced diabetes in rats Ganapathy Saravanan, Ponnusamy Ponmurugan, Gandhipuram Periasamy Senthil Kumar, Thatchinamoorthi Rajarajan. J Appl Biomed 2009 *Volume 7*, Issue 7, 151-159
- ❖ Cardioprotective Activity of Garlic (*Allium sativum*) in Isoproterenol-Induced Rat Myocardial Necrosis: A Biochemical and Histoarchitectural Evaluation. **Rajarajan et al** International Journal of Pharmaceutical Sciences and Nanotechnology. 2010 *Volume 2*, Issue 4
- ❖ Modulatory effect of S-allylcysteine on glucose metabolism in streptozotocin induced diabetic rats. G Saravanan, P Ponmurugan, GP Senthilkumar, T Rajarajan. Journal of functional foods 2009, 1 (4), 336-340.
- ❖ Medicinal Flora of Palayapalayam, Namakkal District, Tamilnadu. G Kumar, GS Banu, T Rajarajan, G Sathishkumar. Indian Journal of Applied and Pure Biology 2011, 26, 135-158
- ❖ Prevention of mild steel corrosion by benzoic hydrazide in acid medium G Kumar, T Rajarajan, A Loganathan, GS Banu, M Rajasekara Pandian. Bulletin of Electrochemistry 2006, 22 (10), 407

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Declaration

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