

## KARTHICK GOVINDAN/ Ph.D.

	Nationality: Indian
	Languages: English, Tamil, Telugu
	<p><b>Autobiography:</b></p> <p>I would like to introduce myself as Karthick Govindan. I obtained my bachelor's degree in chemistry from Sacred Heart College, Tirupattur. My 3 years of bachelors gave me a strong foundation as to what my interests were. I took to Post Graduation to hone and polish my skills by specializing in chemistry. This saw me in pursuing a two-year Master's program from India's premier Institute, Bharathidasan University, Tiruchirappalli. My association with the department was a very fruitful, having wetted myself with hands on research in synthesizing of cyclopropanes, alkylarenes and their reactivities. After my graduation I was associated in Kaohsiung Medical University has an intern for six months under the guidance of Dr. Wei-Yu Lin in Department of Applied and Medicinal Chemistry. Then continued my research under his guidance as PhD. Currently, I am doing my research focus on New development of methodologies and synthesis in organic chemistry. According to me pursuing what a person is passionate about plays a vital role in one's overall development. Only then a person would be able to put their heart &amp; souls by utilizing their fullest potentials to tackle ahead the challenges or complexities that would arise in solving real life practical situations.</p>

### Doctoral:

Institute: Kaohsiung Medical University, Kaohsiung  
Research field: Organic Synthesis and Methodologies  
Thesis supervisor / Co-advisor: Dr. Wei-Yu Lin

### Master:

Institute: Bharathidasan University, Tiruchirappalli, India.  
Research field: Organic chemistry  
Thesis supervisor / Co-advisor: Dr. K. Srinivasan

### Publications:

1. **Title:** "Copper-catalyzed Synthesis of aminoquinolines from  $\beta$ -(2-aminophenyl)- $\alpha$ ,  $\beta$ -ynones using DMF as dual synthon"  
Balaji Ganesan, [Karthick Govindan](#), Gopal Chandru Senadi, Mohanraj Kandasamy and Wei Yu Lin\* **Chem comm**, **2020**, **56**, **6488–6491**. (IF- 6.164).
2. **Title:** "Visible light-induced N-methyl activation of unsymmetric tertiary amines"  
Gopi Perumal, Mohanraj Kandasamy, Balaji Ganesan, [Karthick Govindan](#), Harsha Sathya, Min-Yuan Hung, Gopal Chandru Senadi, Ya-Ching Wu and Wei Yu Lin\* **Tetrahedron**, **2021**, **80**, **131891**. (I.F- 2.233).