




ARULMIGU PALANIANDAVAR COLLEGE OF ARTS AND CULTURE
(Reaccredited With 'A' Grade by NAAC)
(Run by Arulmigu Dhandayuthapani Swamy Thirukkoi, H.R & C.E (Admin) Dept. Government of Tamilnadu)
(A Government Aided College – Affiliated to Madurai Kamaraj University, Madurai)
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Department of Botany		
Name	Dr. K. Kannathasan	
Designation	Assistant Professor	
Qualification	M.Sc., M.Phil., Ph.D.	
Email id	rnakanna@yahoo.co.in	
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Experience	4 Years and 6 months	
Date of joining	19.01.2015	
No. Of Journal Publication (International)	12	
No. Of Journal Publication (National)	4	
No. Of Conference Attended (International)	1	
No. Of Conference Attended (National)	18	

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B. Sc.	Botany	Manonmanium Sundaranar University	1998
PG	M. Sc.	Botany	Manonmanium Sundaranar University	2000
M.Phil.,	M. Phil.	Botany (Plant Physiology)	Annamalai University	2005
Ph.D.,	Ph.D.	Botany (Bioactive compounds)	Annamalai University	2009

Details of Journal Publications:

1. International:

1. **K. Kannathasan**, A. Senthilkumar, V. Venkatesalu, 2015. Crystal structure and antibacterial evaluation of epifriedelinol isolated from *Vitex peduncularis* Wall. ex Schauer, Arabian Journal of Chemistry, <http://dx.doi.org/10.1016/j.arabjc.2015.02.013> (ISSN: **1878-5352**) (Impact Factor:3.75)
2. **Krishnan Kannathasan**, Annadurai Senthilkumar, Venugopalan Venkatesalu. 2011. In vitro antibacterial potential of some *Vitex* species against human pathogenic bacteria. Asian Pacific Journal of Tropical Medicine 645-648. (ISSN: **1995-7645**) (Impact Factor:1.06)
3. **K. Kannathasan**, A. Senthilkumar, V. Venkatesalu “Mosquito larvicidal activity of methyl-p-hydroxybenzoate isolated from the leaves of *Vitex trifolia* Linn. 2011. Acta Tropica. 120:115-118 (ISSN: **0001-706X**) (Impact Factor:2.27)
4. Senthilkumar, A., **K. Kannathasan**, M. Chandrasekaran and V. Venkatesalu, 2010. Chemical constitutions and antibacterial activity of the leaf essential oil of *Feronia limonia*. Indian Journal of Microbiology 50(1):70-73 (ISSN: 0046-8991) (Impact Factor:0.89)
5. Chandrasekaran, M., A. Senthilkumar, **K. Kannathasan** and V. Venkatesalu. Fatty acid composition of certain mangroves 2010. Chemistry of Natural Compounds . 46(1):92-94 (ISSN: 0009-3130) (Impact Factor:0.51)
6. Chandrasekaran, M., **K. Kannathasan**, V. Venkatesalu and K. Prabharakan, 2009. Antibacterial activity of some salt marsh halophytes and mangrove plants against methicillin resistant *Staphylococcus aureus*. World Journal of Microbiology and Biotechnology 25(1): 155-160 (ISSN: 0959-3993) (Impact Factor:1.78)
7. Chandrasekaran, M., **K. Kannathasan** and V. Venkatesalu, 2008. Antibacterial Activity of Fatty Acid Methyl Esters of Some members of Chenopodiaceae. Zeitschrift für Naturforschung C. 63 C : 361 – 366 (ISSN 0939-5075) (Impact Factor:0.55)
8. **Krishnan Kannathasan**, Annadurai Senthilkumar, Manivachagam Chandrasekaran and Venugopalan Venkatesalu. 2008. Larvicidal activity of fatty acid methyl esters of *Vitex* species against *Culex quinquefasciatus* . Parasitology Research, 103, 999-1001 (ISSN: 0932-0113) (Impact Factor:2.09)
9. Annadurai Senthilkumar, **Krishnan Kannathasan** and Veugopalan Venkatesalu, 2008. Chemical composition and larvicidal property of essential oil of *Blumea mollis* (D. Don) Merr. against *Culex quinquefasciatus* Parasitology Research 103,959-962 (ISSN: 0932-0113) Impact Factor:2.09)
10. Annadurai Senthilkumar, **Krishnan Kannathasan** and Veugopalan Venkatesalu, 2008. Antibacterial activity of the leaf essential oil of *Blumea mollis* (D. Don) Merr. World Journal of Microbiology and Biotechnology 25,1297-1300 (ISSN: 0959-3993) (Impact Factor:1.78)

11. V. Venkatesalu, A. Senthilkumar, M. Chandrasekaran and **K. Kannathasan**, 2008. Screening of certain mangroves for photosynthetic carbon metabolic pathway. *Photosynthetica* 46(4): 622-626 (ISSN: 0300-3604) (Impact Factor:1.40)

12. Krishnan Kannathasan, Annadurai Senthilkumar, Manivachagam Chandrasekaran and Venugopalan Venkatesalu. 2007. Differential larvicidal efficacy of four species of *Vitex* against *Culex quinquefasciatus* larvae. *Parasitology Research*, 101, 1721-23 (ISSN: 0932-0113) (Impact Factor:2.09)

National:

1. K. Kannathasan, S. Sivasankari, M. Chandrasekaran, R. Rajkumar and V. Venkatesalu, 2008. Evaluation of the red alga *Hypnea musciformis* for gibberellic acid like substances and biofertilizing nature. *Seaweed Research and Utilization*, 30,125-133. (ISSN 0971 – 7560)

2. Chandrasekaran, M., V. Venkatesalu, S. Sivasankari, **K. Kannathasan**, A.K. Sajit Khan, K. Prabhakar, S. Rajendran and Y. Lakshmi Sarayu, 2006. Antibacterial activity of certain mangroves against methicillin resistant *Staphylococcus aureus*. *Seaweed Research and Utilization*, 28(1), 165-170. ((ISSN 0971 – 7560)

3. Sivasankari, S., M. Chandrasekaran, **K. Kannathasan** and V. Venkatesalu, 2006. Effect of seaweed extract on growth and yield of cowpea. *Seaweed Research and Utilization*, 28(1):145-150. ((ISSN 0971 – 7560)

4. Sivasankari, S., M. Chandrasekaran, **K. Kannathasan** and V. Venkatesalu, 2006. Studies on the biochemical constituents of *Vigna radiata* under SLF treatment. *Seaweed Research and Utilization*, 28(1):151-158. ((ISSN 0971 – 7560)