

## RESUME

**Dr. N. KARTHICK**

**Permanent address**

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Tamil Nadu, India.  
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**OBJECTIVE:**

To prove myself to be a thoroughly efficient professional in an organisation that offers an atmosphere of guidance and cooperation.

**ACADEMIC PROFILE:**

<b>EXAMINATIONS</b>	<b>NAME OF THE INSTITUTION</b>	<b>BOARD/ UNIVERSITY</b>	<b>YEAR OF COMPLETION</b>	<b>AGGREGATE MARKS</b>
Ph.D., Biotechnology	Manonmaniam Sundaranar University	Manonmaniam Sundaranar University	2015	Highly Commended
M.Sc., Botany	Annamalai University	Annamalai University	2012	74%
B.Sc., Botany (Specialization in Industrial Microbiology)	The American College, Madurai.	Madurai Kamaraj University	2007	74.2 %
Higher Secondary	Alagappa Matric Hr. Sec. School, Karaikudi	Matriculation	2004	78%
S.S.L.C	Kamaraj Matric Hr. Sec. School, Kovilpatti	Matriculation	2002	72%

**Ph.D TITLE:**

“Biopotentials of organic fertilizers produced from three different Seaweeds on soil biota.”

## RESEARCH CUM TEACHING EXPERIENCE : 5 years

Worked as a **Senior Research Fellow** in **UGC Major Research Project** entitled as **“Impact of climate change in diversity patterns of Earthworms confined to Kalakad Mundanthurai Tiger Reserve of Western Ghats, South India.”** From 2010 - 2013.

### Teaching Experience

Working as a **Assistant Professor** in **Department of Plant Biology and Plant Biotechnology** in **G. Venkatasamy Naidu College** at Kovilpatti, Tamilnadu, India from June 2014 to till date.

## PAPER PUBLICATIONS: (9)

INTERNATIONAL JOURNALS : 8

NATIONAL JOURNALS : 1

- 1) **N.Karthick**, V.Balamurugan, S.Umamaheswari Physical, Microbial and histopathological perspectives of *Eudrilus eugeniae* in *Leucaena leucocephala*. Journal of soil biology and Ecology. 2011, 31(1&2) : 203- 209.
- 2) Ramesh K, Gifson Gnanadhas Y, **Karthick N**, Umamaheswari S. Plasmid mediated drug resistance and anti-MRSA activity of *Pongamia glabra* and *Ocimum basilicum* Journal of Pharmacy Research. 2011, 4(8) : 2466-2467.
- 3) **N. Karthick**, C. Sambalraj, M. Natrajan, , K. Ramesh, S. Umamaheswari Effect of Ultraviolet irradiation and chromosomal aberrations of *Eudrilus eugeniae*. India International Journal of Advanced Biological Research. 2012, Vol 2(4) : 691-694.
- 4) **N. Karthick**, S. Selvakumar & S. Umamaheswari. Effect of three different seaweed liquid fertilizers and a chemical liquid fertilizer on the growth and histopathological parameters of *Eudrilus eugeniae* (haplotaxida: eudrilidae). Global journal of biosciences and Biotechnology. 2013, vol.2 (2): 253-259.
- 5) Divya. V. V., **Karthick. N** and Umamaheswari, S. Ethnopharmacological studies on the medicinal plants used by kani tribes of thachamalai hill, Kanyakumari, Tamilnadu, India. International Journal of Advanced Biological Research. 2013, vol. 3(3): 384-393.

- 6) **Karthick. N**, Prasanth Kumar. V, Divya, V. V., Umamaheswari, S Potentials of seaweed liquid fertilizers on the growth and Biochemical characteristics of *Solanum lycopersicum* – A field trial. International Journal of Scientific Research. 2013, Vol 2(10): 1-4.
- 7) **N. Karthick**, M. Anees Fathimal, K. Ramesh, H. Sridhar, M. Natrajan, V.V. Divya, M. Umavanitha, S. Umamaheswari Screening of phytochemicals and antimicrobial activity of *Caulerpa scalpelliformis* collected from Manapad Coast, Tuticorin District, Tamilnadu, South India. Journal of Coastal Life Medicine. 2014, 2(2): 107-111.
- 8) **Karthick. N**, Prasanth Kumar. V, Umamaheswari, S In vitro nematocidal activity of different seaweed extracts against *meloidogyne javanica* (Tylenchida : Heteroderidae) . International Journal of Development and Research. 2014, Vol 4(9): 1841-1843.
- 9) **N. Karthick** and R. Murugalakshmi Kumari Evaluation of phytochemical analysis and antimicrobial activity of different solvent extracts of *sargassum wightii*. International Journal of Research in Plant Science 2014; 4(4): 96-99.

#### **PAPERS PRESENTED IN CONFERENCES/ SEMINARS :**

- Presented a paper entitled on “Effect of Seaweed liquid fertilizer on the growth and biochemical constituents of *Abelmoschus esculentus*” **National Seminar** on Conservation and Sustainable Utilization of Marine Resources on 22<sup>nd</sup> - 23<sup>rd</sup> January 2015. Organised by Department of Zoology, T.D.M.N.S College, Kallikulam, Tirunelveli.
- Presented a paper entitled as “An Ethnobotanical study of the Kani tribes in Thachamalai hill, Kaniyakumari district, Tamilnadu, India” in **International Conference** on recent trends in Plant Science on 31<sup>st</sup> October - 2<sup>nd</sup> November 2014. Organized by Department of Plant Science, Bharathidasan University, Trichy.
- Paper presented on Effect of different Seaweed extracts on the growth and biochemical constituents of *Solanum lycopersicum* held at **National level seminar** on Recent trends in Plant Science on 18-19<sup>th</sup> September 2014 at Department of Botany, Ayya Nadar Janaki Ammal College, Sivakasi.

- Presented a paper entitled on “Larvicidal activity of the six medicinal plants against *Culex quinquefasciatus*” in **National level seminar** on Biotechnological Interventions of Green Technology and Sustainable Agriculture conducted on 22<sup>nd</sup> - 24<sup>th</sup> September 2011 at Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.
- Paper presented on “Antibacterial assay of Coelomic fluid in Earthworm and its use in plant tissue culture” in **National conference** on Recent advances in Applied Zoology on 30<sup>th</sup>- 31<sup>st</sup> March 2009 held at Department of Zoology, Ayya Nadar Janaki Ammal College, Sivakasi.
- Paper presented on “Antimicrobial assay and mechanism of *Allium sativum* on bacterial strains” in **National level symposium** on 19<sup>th</sup> September 2008 held at Department of Biotechnology, Sree Sastha Institute of Engineering and Technology, Chennai.

#### **TRAININGS/ WORKSHOPS/ SEMINARS ATTENDED:**

- Attended three days training program on “Plant Taxonomy” at Institute of Forest Genetics and Tree Breeding, Coimbatore. From 23-25 February 2015, Under the Ministry of Environment, Government of India, New Delhi.
- Participated in State level workshop on “Mushroom Cultivation” on 25<sup>th</sup> September 2014 held at Department of Botany, G. Venkatasamy Naidu College, Kovilpatti.
- Participated in National level workshop on “Green Initiatives in Energy and Environment” held on 11<sup>th</sup> September 2014 at Department of Environmental Science, Periyar University, Salem.
- Attended a training program on “Mushroom Cultivation” held on 5<sup>th</sup> September 2014 at Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.

- Participated in National level Symposium on “Computational Approaches in Microbial Biotechnology” held on 21<sup>st</sup> February 2014 at Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.
- Participated in National level seminar on “Industrial aspect of Antibody production” held on 23<sup>rd</sup>-24<sup>th</sup> February 2011 at Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli.
- Participated in National level seminar on “Recent trends in Biotechnology” held on 25<sup>th</sup> February 2010 at Department of Marine science, Manonmaniam Sundaranar University, Tirunelveli.
- Attended State level seminar on “Sustainable energy and renowned food concepts” held on 25<sup>th</sup> February 2008 at Department of Dairy Science and I.C.A.R Centre, Sri Parasakthi College, Courtallam.
- Participated in One day training program on “Vermicomposting” held on 19<sup>th</sup> September 2006 at Tamil Nadu Agricultural college and Research Institute, Madurai.
- Participated in National level seminar on “Recent advances in Plant Biology” held on 10<sup>th</sup>-11<sup>th</sup> August 2006 at Department of Botany, V. H. N. Senthikumara Nadar College, Virudhunagar.

**MEMBERSHIP IN PROFESSIONAL BODIES:**

- Society for Science and Nature
- Society for Soil Biology and Soil Ecology

**ADDITIONAL QUALIFICATION:**

- State level yoga championship conducted by Tamilnadu swamy vivekanda yoga association.

**PERSONAL INFORMATION:**

Name : **N. KARTHICK**  
Date of Birth : 17-08-1987  
Address : 205/5, Salaiputhur,  
Alampatti Post,  
Kovilpatti- 628503  
Tuticorin District.Tamilnadu, India.  
Sex : Male  
Nationality : Indian  
Religion : Hindu  
Community : BC  
Marital status : Single  
Languages Known : English, Tamil, Telugu, Malayalam and Hindi  
Mobile : 99942 93486  
E-mail ID : biotechkarthick.87@gmail.com

**DECLARATION**

I hereby declare that the above given particulars are true to the best of my knowledge and belief.

Place : Kovilpatti

Date :

(N. KARTHICK)