

Bio-Data



Name : Dr. K.K. Kavitha

Date of Birth & Age : 02.07.1978 Age:40

Designation : Assistant Professor,
Dept. of Environmental & Herbal Science,
Tamil University, Thanjavur.

Qualification : M.Sc., M.Phil., Ph.D., UGC NET.

Area of Specialization : Environmental Biotechnology
Phytoremediation
Bioremediation

Email Id : kavikiruthiga@gmail.com

Teaching / Research

Experience in completed years : Teaching: 12 Research: 15

No. of Seminars and
Conferences attended : 35

No. of Papers Presented
in Seminars and Conferences : 27

No. of Seminars organized : 1 Co – organizing secretary
National Conference on “Indian Herbal Drugs”
(NACOHERB-2014) Dept. of Environmental and
Herbal Science, Tamil University, Thanjavur

No. of Papers Published
(Journals & Conference Proceedings) : 27(15 /12)

No. of Books / Booklets Published : 4

Sl.No.	Title with page nos.	Type of & Authorship	Publisher & ISSN/ ISBN No.	No. of Co-authors
1	“Environmental Studies” Text Book (As per UGC Syllabus) 2007	Co- author	Rasi Publication	1
2.	Ayvukkaruvikalum Pakuppaayvum, (InTamil (Instrumental techniques and analytical method in Tamil) (2014)	Co-author	Cauveri Pathippakam, Tiruchirappalli ISBN: 978-81- 909199-4-4.	2
3.	“Indian Herbal Drugs” National Conference Proceeding Book	Dr. M.Jegadeesan And Dr.K.K.Kavitha	ISBN: 978-81-7090- 457-1	1
4.	“Environmental Science – Glossary”	Dr.K.K.Kavitha	ISBN :978-81-7090- 472-4	1

No. of Articles in Popular Magazines : -

Research Projects undertaken : Completed 3

S. No	Title	Sponsoring Agency	Period	Amount (Rupees in lakh)	Achievements
1	Studies on removal of mercury and cadmium through Phytoremediation	U.G.C, New Delhi	2008-2010	1.00	Effectively Hg and Cd accumulating plants <i>Jatropha curcas</i> L. and <i>Ipomoea carnea</i> Jacq. was found out
2	Environmental Science -Audio Visual teaching methods for School children's	Tamil University	2009		Environmental Science awareness to School children's
3	Writing on Book Glossary- Environmental Science	Tamil Nadu Government	2013-2014	1.00	Glossary - Environmental Science Book published by Tamil University

Endowment lectures delivered : 4

Academic Visit Abroad : -

Research Supervision

Ph.D. Awarded : Status M.Phil Ph.D
Enrolled 34 10
Awarded 17 -

Service rendered in Professional bodies outside the College

: **Life member:** National Environmental Science Academy from 2008

Doctoral committee member:
Dept. of. Environmental management,
Bharathidasan University, Trichy.

Awards received : ---

Five Recent Publications :

- Pradeepa. R, Senthil kumar. P and Kavitha K.K 2017 “Review on Microbial remediation of Heavy metals from E-waste” 2017 , International Journal of Agricultural and Life Sciences- IJALS (2017), Volume 3 (1) pp.123-130 Volume:3 , Issue1 ISSN: 2454-6127

- Kalaichelvi A, B.Sivasathya and K.K.Kavitha. “Bioremediation of colour removal in dye effluent by *Moringa oleifera* seed powder” 2016, *International Journal of Agricultural and Life Sciences- IJALS*, Volume:2, Issue4 ISSN: 2454-6127.
- P.Senthil kumar, K.Sobana, K.K.Kavitha, M.Jegadeesan (2015). A study on the effect of cement dust pollution on certain physical and biological parameters of *Sesamum indicum* plant. *Asian Journal of plant science and Research*. Volume (5)-1. Page No:1-3, ISSN: 2249-7412.
- Kavitha K.K.and M.Jegadeesan (2014) Mercury and Cadmium accumulation in selected weed plants; Implication for phytoremediation. *Asian journal of plant science and research*, 4(5):1-4.ISSN:2249-7412.
- Kavitha K.K. and M.Jegadeesan (2014) Phytoremediation of soil mercury and Cadmium by weed plants, *Trianthema portulacastrum* L. *Saccharum spontaneum* L. and *Ipomoea carnea* Jacq. *International journal of scientific and Research publication*, Volume 4, Issue 10, 1-3. ISSN: 2250-3153.
- Kavitha K.K., P.Bharathajothi and C.Bhaskaran (2013) Anti microbial activity of *Ipomea carnea* Jacq. and *Jatropha curcas* L. against paddy pathogenic micro organisms (*Pyricularia oryzae*, *Rhizoctonia solani* and *Xanthomonas oryzae* pv. *oryzae*) *Journal of Tamil Civilization*. Vol-3, pp 45-50.

Patents / other information

: Patent: 1

Title: “Decolorization effect of *Dodonae viscosa* plant seed powder to treat dye”

Patent Number: 201641035697A

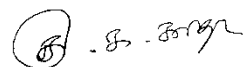
Applicant name: B. Sivasathya, A. Kalaichelvi and K.K.Kavitha

Patent Application Publication Date: 20/10/2017.

Application waiting for examination

Committee member and other responsibilities

- NSS officer, Tamil University (2007-2009)
- Swacch bharat coordinator (2016-2017)
- Convocation Registration & Certificate Committee member (2014-2016).



Signature