

Bio-data

I. K. Nishitha

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Date of entry into service: 05.06.2015
Date of joining the present Institution : 05.06.2015

Qualification:

- M.Sc in Plant Science (2003) from Dept of Botany, University of Calicut.
Specialisation : Plant Biotechnology
- P. G. Diploma in Bioinformatics (2006) from Bharathiar University, Coimbatore
- B.Sc in Botany (2001) from Providence Women's College, Calicut, [University of Calicut]
- UGC/CSIR NET

Experience

Teaching experience

- Assistant Professor –05. 06. 2015 till date
Dept. of Botany
St.Teresa's College (Autonomous)
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Guest lecturer
- St. Xavier's College for Women, Aluva (June 2014 – Nov.2014)
- Providence Women's College, Calicut (July 2010-March2011)
- Providence Women's College, Calicut (July 2008-March2009)

Research Experience

- Research Fellow (May 2004 – Sept 2006)
KSCSTE funded project titled 'Pharmacognostic and chemical studies on *Sida* species used as *Bala* in Ayurveda', at the dept. of Botany, Providence Women's College.
- Currently pursuing Ph. D.

Publications

1. I K Nishitha, K P Martin, Ligimol, A Shahanaz Beegum and P V Madhusoodanan. Micropropagation and encapsulation of medicinally important *Chonemorpha grandiflora*. In Vitro Cell. Dev. Biol. – Plant. 42: 385-388; 2006

2. Beegum S A, Martin K P, Zhang C L, Nishitha I K, Ligimol, Slater A and Madhusoodanan P V. Organogenesis from leaf and internode explants of *Ophiorrhiza prostrata*, an anticancer drug (camptothecin) producing plant. Electronic Journal of Biotechnology Vol.10 No.1, Jan 2007.
3. Shylaja M., Nishitha I. K. Chemical analysis of root extracts of *Sida* species used as Bala. J. Econ. Taxon. Bot. 2009, Vol.33 (1), pp 1-12.
4. Shylaja M, Nishitha I K, and Renjana P K. Comparative root anatomy of *Sida* Species used as 'Bala' in Ayurveda. J. Med. and Aro. Pl. Sci.. 2006; 28:203-208.

Papers in conferences/Seminars

1. Shylaja M and Nishitha I K. Chemical profiling of *Sida* species used as *Bala* in Ayurveda. Proceedings of the 18th Kerala Science Congress. Pp.461-463,2006.
2. M. Shylaja, P. K. Ranjana and I. K. Nishitha. Pharmacognostic investigation on *Sida* species used as *Bala* in Ayurveda. Abstract in Proceedings of 17th Kerala Science Congress. Pp 306, 2005.