

# ST. THOMAS COLLEGE, KOZHENCHERRY

## DEPARTMENT OF BOTANY

### FACULTY BIOSKETCH



- **Name** : **Dr. Leena Abraham**
- **Designation** : Assistant Professor
- **Address** : Parackathottathil House  
Tadiyur P. O.  
Tiruvalla(via)  
Pathanamthitta Dist. 689641  
Kerala State.

➤ **Date of Joining** : 20.02.2014

➤ **Mobile Number** : 7559062061

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➤ **Brief Overview** :

#### Educational Details:

- **Ph. D. (Botany) (2007)**

The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India  
Topic: Impact Assessment of Joint Forest Management Activities through Remote Sensing Technique

- **Master of Science in Botany (Gold Medallist)**

The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India (1999-2001)

- **Bachelor of Science in Botany (Gold Medallist)**

The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, India (1996-1999).

➤ **Area of Specialization/Research Interests :**

- Remote Sensing
- Applied Ecology

➤ **Publications :**

▪ **Research Articles:**

1. **Leena Abraham**, K. Naik, M. Kotecha, P. Gor & R. M. Thakkar,(2011) “Pollution Tolerance and Distribution Pattern of Plants of Disturbed and Undisturbed Community in Anand” Proceedings of National Symposium on “Sustainable Development: Issues and Concerns” in International Journal of Pharma and Bio Sciences (ISSN 0975-6299).
2. **Leena Abraham** & G. Sandhya Kiran, (2007). Poster presentation on “Sustainability of Joint Forest Management Plantations in Rajpipla Taluka” National Seminar on “**New Horizons in Biological Sciences**” organized on 23<sup>rd</sup> Sep’07 by N. V. Patel College of Pure and Applied Sciences, Vallabh Vidhyanagar, Gujarat.
3. **Leena Abraham** & G. Sandhya Kiran, (2005), “Role of planning strategies in success/failure of JFM plantation”, *Current Science*, vol.88 (2) pp 288-291.
4. **Leena Abraham** & G. Sandhya Kiran, (2005), “Sustainability of Joint Forest Management(JFM) Plantations Using Satellite Data”, **Annul Convention and National Symposium, Birla Institute of Technology**, Ranchi, India.
5. G. Sandhya Kiran, **Leena Abraham**, Kavita Sharma & Jessica Karia, Grassland studies in Amreli Distict (2004), *Range Management and Agroforestry*, Indian Grassland and Fodder Research Institute, pp160-163.
6. **Leena Abraham** & G. Sandhya Kiran (2003), “Remote Sensing in Salinity Studies”, *Geobios*, vol. 30 pp 242-245.
7. **Leena Abraham** & G. Sandhya Kiran (2003), “Effect of NaCl stress on growth of *Sorghum bicolor* (L.) Monech., *Journal of Eco-physiology*, vol. 6(3-4).

▪ **Books:**

1. Rita N. Kumar, **Leena Abraham** *et al.*, (2009) A Practical Book of Biology, *Atul Prakashshan, Ahmedabad, India.*
2. Rita N. Kumar, **Leena Abraham** *et al.*, (2009) A Text Book of Botany, *Atul Prakashshan, Ahmedabad, India.*
3. **Leena Abraham** & G. Sandhya Kiran. (2008) Joint Forest Management: Issues and Experiences, Role of planning strategies in success/failure of JFM plantation (ed. Meenu Bhatnagar), pp. 109-116, *The ICFAI University Press, Hyderabad, India.*

4. **Leena A.,** Jasrai Y.T. & Garge S.K.(2003) Air Pollution Development at What Cost? Green belt, Plant Scavengers for Combating Air Pollution (eds. Y.T.Jasrai & Arun Arya) pp, *Daya Publishing House*, New Delhi, India.

▪ **Project:**

**Title:** To evaluate Air Pollution Tolerance Index of Selected Plant Species Along the roadsides in Vallabh Vidyanagar, Anand.**Sponsored by:** GUJCOST (Gujarat Council on Science and Technology), Gandhinagar.

**Duration:** April'2011-March'2012

➤ **Career Profile:**

▪ **Past Work Experience:**

1. **Post: Senior Associate Professor**

Institute: Aakash Institute, Andheri, Mumbai.

Duration: from 17<sup>th</sup> Feb'2013 to 16<sup>th</sup> Feb'2014

2. **Post: Assistant Professor**

College: N. V. Patel College of Pure & Applied Sciences, *Accredited "A" Grade by NAAC.*

Vallabh Vidhyanagar, Anand

Duration: from June' 2007 to December'2012

3. **Post: Temporary Teaching Assistant**

University: Department of Botany, Faculty of Science,  
The Maharaja Sayajirao University of Baroda

Duration: from Aug'2005 to May'2007.

▪ **Special Achievements:**

1. Vaidya Narayanrao Hardikar **Gold Medal** for M.Sc.

2. Prof. A.R.Chavan **Memorial fund prize** for securing highest number of marks at M.Sc. (Botany)

3. Dr. M.S. Patel **Post Graduate Scholarship** for securing highest number of marks in M.Sc (Previous)

4. **Post Graduate Merit Scholarship** for securing highest number of marks in B.Sc.

5. Dr.V.G. Phatak **Gold Medal** for **B.Sc.**

6. **Dr. M.S. Patel Prize** for securing highest number of marks in B.Sc. (Botany).
7. **Prof. A.R. Chauhan Memorial Prize** for securing highest number of marks in B.Sc.