

ST. THOMAS COLLEGE, KOZHENCHERRY

DEPARTMENT OF BOTANY

FACULTY BIOSKETCH



- **Name** : Dr. Elizabeth Thomas
- **Designation** : Associate Professor
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- **Date of Joining** : 5- 01-1988
- **Mobile Number** : 9447845101
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- **Brief Overview** :
 - M. Sc. in Genetics and plant breeding
 - M. Phil. in Cytogenetics
 - Ph.D. in Tissue culture
 - UGC JRF
 - 21 years of teaching experience.
- **Area of Specialization/Research Interests :**
 - Biotechnology
 - Cytogenetics.

Project:

Minor Research Project:

Induction of Quality Proteins in Grain Legumes (Funding Agency UGC)

➤ **Publications** :

Research Publications:

1. Elizabeth Thomas, Sarasan, V. and Somya E. V. and Nair, G. M., 1996. Tissue Culture Studies in root tuber yielding spice. *Hemidesmus Indians in Tropical Tuber Crops. Problems, Prospects and Future.* Oxford and IBH and Co. Pvt. Ltd.
2. Elizabeth Thomas, Jaseela F. and Nair GM(2000) Multiple shoot production from shoot tip explants of Groundnut (*Arachis hypogea* L.) *Niravu* 4:15-20.
2. Elizabeth Thomas and Nair GM(2002). Isolation of L. ethionine resistant cell line in *Vigna unguiculata* L. Walp. Ssp. *Sesquipedalis*. (Abst) National Symposium on Plant Science and Research.
3. Radhamony and Elizabeth Thomas 2003. Cytological studies in *Dianella* Linn. *J. Cytol. Genet.* 4: 175 – 177.
4. Elizabeth Thomas (2008), Plant regeneration *via* somatic embryogenesis in yard long bean *Vigna unguiculata* ssp. *Sesquipedalis* chromosomes to genomes- Challenges and Prospects. Dept. of Botany Kariyavettom, 26-28 March 2008.
5. Elizabeth Thomas and Nair GM(2009)Effect of Abscicic acid on maturation of somatic embryos in long bean *Vigna unguiculata* ssp. *Sesquipedalis*.(Abst) National Seminar on Molecules to Drugs , Organised by Dept. of Botany, Mar Athanasious college, Kothamangalam Jauary21-22.
6. Elizabeth Thomas and GM Nair(2013) Cell line selection for aminoacid overproduction in *Vigna unguiculata* L. Walp. " *In Book of Abstracts Modern Biology : prospects and challenges* . UGC sponsored National Symposium - Organised by the Department of Botany . KKTU Govt. College Pullut , Kodungallur 22-23 January 2013.

Books:

1. Chief Editor: Proceedings of State Level Seminar on “Modern Trends in Molecular Biology”.

➤ **Career Profile:**

- Member of the SENATE (2010-13) of M.G. University, Kottayam.
- Member Board of studies in Botany (UG), M.G. University, Kottayam.
- Member Board of studies in Botany (UG), Kerala University, Thiruvananthapuram.
- Member of Subject Expert panel of M.G. University, Kottayam.
- Chairman, Board of studies, Dept Of Botany, Mar Ivanios College Trivandrum, (Autonomous College).
- Involved in Restructuring Curriculum of UG and PG Course (Botany) M.G. University, and UG Course(Botany) of Kerala University.
- **Chairman and Board member** of Board of question paper setters of other Universities
- **Board member of** employees Cooperative society St. Thomas College , Kozhencherry

- Elected representative to the staff Council of the College.
- Worked as SCERT (State Council for Educational Research and Training) Trivandrum in developing teaching content for text books at higher secondary level Resource person, Involved in high School text Book writing, M. G. University.
- Resource Person in the Coaching Class for UGC-NET aspirants.