

Staff Profile



Name : **Dr.K.Thamayanthy**
Position : **Contractual Lecturer**
Department : **Botany**
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Office Location : **NKR Govt. Arts College for Women, Namakkal**

Education : **M.Sc., Ph.D.,**

S. No	Degree	University	Year of Graduation
1	Ph.D (Botany)	Bharathiar University, Coimbatore	2009
2	M.Sc (Botany)	Periyar University, Salem	2003
3	B.Sc (Botany)	Madras University, Madras	2000

Professional Experience:

S.No	Year	Position Held	Institution	Responsibility
1	01.03.2011 to 30.03.2011	Contractual Lecturer (Botany)	NKR Govt. Arts College for Women, Namakkal	Teaching UG
2	December 2012 to Till date	Contractual Lecturer (Botany)	NKR Govt. Arts College for Women, Namakkal	Teaching UG

Research Interests: Breeding and quality character studies in some Indian wheats

Publications:

RESEARCH PAPERS PUBLISHED

1. Premalatha S. Reddy V R K, Thamayanthi K and kannan R. Distribution of necrosis and evalution of resistance to rusts in some India wheats. *Ann wheat News lett (USA)* Vol 52, p : 38-42
2. Premalatha S. Reddy V R K, Gajalakshmi K , Thamayanthi K,Kannan R, and BiJu John 2007 A Biochemical investigation in rust resistant near – i sogenic wheat lines *Ann wheat Newslett (USA)* Vol 53, P : 36, 2007.
3. Gajalakakshmi K, Reddy V R K, Premalatha S , Kannan R, Thamayanthi K and Biju John 2007. The Effect of Sodium Stearoyl-2- lactylate (SSL) on rheogical properties baking and pasting quality in three India bread wheats. *Ann wheat News lett (USA)* vol 53 : 36.38.
4. Thamayanthi K, Kannan R, and Reddy V.R.K, 2007. Biochemical chareterization of rust resistance in wheat *Triticum aesti vum L.* Adv plant Sci 20(2)pp In press
5. Kannan R, Thamayanthi K and Reddy V.R.K 2007. Changes in enzymatiec activities in near – isogenic wheat lines carrying various Rust resistance genes. *Research on crops*, 8(1)pp160-165 2007.
6. Kannan R, Reddy V.R.K, and Thamayanthi K, 2007. Improvement of Indian hexaploid wheat. I Induced mutations. *Research on crops*, 8(1)pp147-150 (2007).

RESEARCH PAPER ABSTRACT PUBLISHED IN INTERNATIONAL LEVEL

1. Thamayanthi k and Reddy V R K 2008, Genetic divergence in bread and durum wheat. *Ann wheat News Lett (USA)* Vol 54 ; PP :59

NATIONAL & INTERNATIONAL LEVEL CONFERENCE / SYMPOSIA.

1. Thamayanthi K and Reddy VRK.2006. Genetic divergence in Bread and Durum wheat. **In:** Proc 3rd Natl Symp Modern Biological Sciences, Symbios. 15-16 February, 2006, Department of Microbiology, Biochemistry and Biotechnology, Sri Nehru Maha vidyalaya College of Arts and Science, Malumachampatti, Coimbatore. No B-2, pp.34.
2. Thamayanthi.K and Reddy VRK Rheological and baking performance of composite flours. **In:** Proc 5th National Seminar ‘Bio xplore-06’. 17-18 February, 2006, Department of Industrial Biotechnology, Elayampalayam, Tiruchengode, Tamilnadu. B S/0/13, pp.97.
3. Kannan R, Thamayanthi K, Biju john and Reddy VRK. 2007. Physical and Chemical properties of 15 Indian hexaploid wheat varieties. **In:** proc 5th National Seminar ‘Emerging Trends in Biotechnology’. 16-17 February, 2007. Department of

Biotechnology, vivekanandha college of Engineering for women Elayampalayam, Tiruchengode, Tamil nadu. No. LS 8, pp.104.

4. Thamayanthi.K, Kannan.R, Biju John and Reddy VRK.2007 Enhancement of genetic diversity through transfer of rust resistance genes into Indian wheat cultivars. **In:** Proc Natl conf 'Environment challenges and Management' (ECM-2007). 8-9 March 2007. Department of Environmental Science, Bharathiar University, Coimbtore. pp : 21-23.
5. Thamayanthi K, Kannan R, Biju John and Reddy VRK.2007. Rust resistance breeding in hexaploid wheat. **In:** Proc International Conf ' Opportunities and Challenges in Biotechnology and Environmental Sciences'. 22-23 February, 2007. Department of Botany, vellalar College for women, Erode. No.BC-18,pp.100-101.
6. Kannan R, Thamayanthi K, Biju John and Reddy VRK.2007. Triticale and Soya addition to wheat flour dough and their effect on rheological properties. **In:** Proc Internat Conf 'Opportunities and Challenges in Biotechnology and Environmental Sciences'. 22-23 February, 2007. Department of Botany, vellalar College for women Erode. No.BC-21 pp.102.
7. Kannan.R, Thamayanthi.K, Biju John and Reddy VRK.2007. Studies on Changes in Peroxidase enzyme activity in near-isogenic wheat lines carrying rust resistance genes. **In:** Proc Natl Seminar 'Current Developments in Chemistry' (NSCDC-07). 18-19 January, 2007, Department of Chemistry' Bharathiar University, Coimbatore. No PP5, P.20.
8. Thamayanthi K, Department of Botany Bharathiar University.Participated in the National Symposium on " Geneome projects – projects and problems" conducted at Avinashilingam Deemed University, Coimbatore on February 1,2006
9. Thamayanthi.K. Department of Botany Bharathiar University has participated in the one day workshop on "BONSAI" The Art of Living Sculpture held at Bharathiar University, Combatore on February 12, 2007

M.SC NATIONAL LEVEL CONFERENCE / SEMINAR

1. Thamayanthi.K, Department of Botany AAGA College participated in the National level third inter Collegiate students Seminar on " Current Trends and Future Directions in Life Science" held at Muthayammal College of Arts and Science, Rasipuram, Tamilnadu on January 4-5,2002

2. Thamayanthi.K, participated in the U.G.C Sponsored National conference on “Medicinal Plants, Their Utilization Cultivation and marketing. Organized by Department of Botany, Govt Arts College Salem, June 26-27, 2002.
3. Thamayanthi.K Participated in the National Seminar on “ Global strategies in biological sciences Muthayammal College of arts and Science, Rasipuram and “Flora” January 10-11.2003.

Area of Specialization: Cytology & Cell biology

Contact Information

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