

## Dr. Chandra. M



Dr. (Mrs.) Chandra M. obtained M.Sc. in Botany and Ph.D in the field of Sericulture from Bangalore University. So far, published 15 research articles in National and International peer reviewed journals and proceedings of the conferences. Received Young Scientist Medal Award 1998 by Indian Academy of Environmental Sciences, Haridwar. Currently working as Assistant Professor (Sr. scale), and guiding Ph.D students for research in the fields of Phytochemistry, Plant Pathology and Mycology. Life member for the journal *The Ekologia* Life member for *International Journal of Bioscience and Biotechnology*.

### Publications: International journal

1. M.P. Shree, **Chandra M.** and C.M. Venkatesh (1998): Changes in the biochemical contents of castor leaves affected by fungal diseases. *Sericologia*. 38 (3) 493 – 503.
2. **Chandra M** and Laveena K. B. (2011). Studies on biochemical changes in vermicompost using leaf litters. *The Ekologia*. Vol. 11 (1-2):77-80.
3. **Chandra M** and M. P. Shree (2012). Biochemical alterations in diseased leaves of papaya – An important food plant of eri-silkworm. *Int. J. Biotech and Biosci.*, Vol.(2) 2: 77-82.
4. **Chandra M.** (2013). Antimicrobial activity of medicinal plants against human pathogenic bacteria. *Int. J. Biotech. Biosci. Res.* Vol. 4(7):653-658.
5. **Chandra. M and N. M. Mahesh** (2013). Antifungal activity of medicinal plants extract against seed borne pathogenic fungi. *Acta Biologica Indica*. Vol. 2(2):481-483.
6. **Chandra M.** (2014). Screening of phytochemicals and antioxidant potentials of some wild edible fruits. *Life sciences Int. Res. J.* Vol. 1(1): 21-24.

7. **Srividya Nayak and Chandra. M.** (2014). Evaluation of nutraceutical properties of some common fruits of Karnataka. *Int. J. Pharmaceutical Science and Research*. 27(1):349-353.
8. **Nannu Shaffakatullah and Chandra. M** (2014). Screening of Buffalo's milk from Karnataka for potential probiotic strains. *Int.J. Research in Recent Studies*. Vol. 3(9), 73-78.
9. Srividya and Chandra M (2014). Evaluation of bioactive compounds and antioxidant activity of some wild fruits by in-vitro assay. *Int. J. Pharmaceutical Science and Research*. Vol. (6), 233-238.
10. Chandra M (2015). Antimicrobial activity of different maturity of *Lagerstroemia indica* L. on pathogenic bacteria. *Int. J. Basic and Applied Biology*. Vol. 2(4): 213-216.

### **National Journal**

1. **Chandra M.** and M.P. Shree (1998): Influence of foliar diseases on the elemental contents of eri-silk worm food plants (Tapioca and GulanchaPhool/Champa). *Him.J.Env.Zool.*, Vol.12, pp.55-58.
2. M.P. Shree and **Chandra M** (1998): Biochemical alterations in rust affected leaves of Tapioca- An important food plant of erisilk worm. *Indian J.Seric.*, Vol.37, No.1, 68-69.
3. M.P.Shree, V.S. Suresh Babu, **M.Chandra** and K. Ravi Kumar (2000): Post – inflectional biochemical changes in the leaves of Tasar food plants. *Indian J.Seric.*, Vol.39, No.2, 108-112.
4. M. P. Shree, V.S. Suresh Babu, **M.Chandra** and K. Ravi Kumar (2000): Nutritional content of healthy and diseased leaves of castor and papaya, the food plants of the erisilkmoth (*Samiaricini*Donovon)*Bull.Ind.Acad.Seri.*, Vol.4 (2), 84-90.
5. M. P. Shree, V. Nagaveni, **M. Chandra** and K. Ravi Kumar (2001): Impact of feeding disease affected castor leaves on food consumption and utilization in eri silkworm (*Samiaricini* Donovan) – *Bull.Ind.Acad.Seri.*, Vol.5 (2) 67-71.

### **Proceedings**

1. **Chandra M.** and M.P. Shree (1999): Biochemical alterations in spot and blight affected leaf of *Plumeria alba* L- An important food plant of erisilk worm. Proceedings of NSTS -99.
2. Chandra M and N. M. Mahesh (2012). Antioxidant and antimicrobial activities of medicinally important plants.pp - 43-45. International conference on “Recent Advances and Challenges in Biotechnology” 27<sup>th</sup>-29<sup>th</sup> Dec. 2012, organized by Department of Biotechnology Engineering” Nitte, Udupi.

### **International seminar/workshop attended:**

1. **Chandra, M.** Changes in the biochemical contents of castor leaves affected by fungal diseases. Symposium on ‘Economically important diseases of crop plants’ from 18<sup>th</sup> to 20<sup>th</sup> December, 1997 held at University of Agricultural Sciences, Hebbal, Bangalore.
2. **Chandra, M.** Influence of foliar diseases on the elemental contents of eri-silk worm food plants (Tapioca and Gulancha Phool/Champa). Symposium held at the Department of Zoology and Environmental Sciences, Faculty of Life Sciences, GurukulaKangri Vishvavidyalaya, Haridwar, Feb. 6<sup>th</sup> to 8<sup>th</sup>, 1998.
3. **Chandra, M.** Enzymatic activity in the diseased leaves of Eri silk worm food plants. International Symposium on Biology in the 21<sup>st</sup> Century. A discussion meeting on Genes, Genomics and Development and XXI All India Cell Biology Conference held at Indian Institute of Science, Bangalore, March 19<sup>th</sup> to 23<sup>rd</sup>, 1998.
4. **Chandra, M.** Post inflectional biochemical changes in foliar diseases of food plants of Eri silk worm. 3<sup>rd</sup> International/ 15<sup>th</sup> National Symposium on Recent trends in Life Science held at Bangalore University, Feb. 11<sup>th</sup> to 13<sup>th</sup> 1999.
5. **Chandra. M.** National Conference strategies for Sericulture research and Development held at CSR & DI, Mysore, November 16<sup>th</sup> to 18<sup>th</sup>, 2000.
6. **Chandra. M.** Studies on biochemical changes in vermicompost using leaf litters. 16<sup>th</sup> national Conference on Aerobiology and national symposium on Application of biotechnology in environmental management and Medicine held at Bapuji institute of Engineering and Technology, Davanagere. 19<sup>th</sup> - 21<sup>st</sup> November, 2010.

7. **Chandra M.** Biochemical alterations in diseased leaves of papaya – An important food plant of eri silkworm. National Conference on Biodiversity and Biotechnology for sustainable development organized by p. G. department of studies in Botany, Karantaka University, Dharward, 21<sup>st</sup> - 22<sup>nd</sup> March, 2011.
8. **Chandra M.** Antioxidant and antimicrobial activities of medicinally important plants.(Proceedings). International conference on “Recent Advances and Challenges in Biotechnology” 27<sup>th</sup>-29<sup>th</sup> Dec. 2012, Organized by Department of Biotechology Engineerig” Nitte, Udupi. pp-43-45.
9. **Chandra. M.** Studies on biochemical changes in vermicompost using leaf litters. 16<sup>th</sup> National conference on “Aerobiology and Symposium on Applications of Biotechnology in environmental management and medicine”, organized by Babuli Institute of Engineering and Technology, Davanagere. 19<sup>th</sup> -21<sup>st</sup> Nov. 2010.
10. **Chandra. M.** Biochemical alterations in diseased leaves of papaya – An important food plant of eri-silkworm. National Conference on “ Biodiversity and Biotechnology for sustainable Development” organized by PG Dept. of Botany Karnataka University, Dharwad. 21<sup>st</sup>- 22<sup>nd</sup> March 2011.
11. **Chandra M.** Antioxidant and antimicrobial activities of medicinally important plants. International conference on “Recent Advances and Challenges in Biotechnology” Organized by Department of Biotechology and Engineerig” Nitte, Udupi. 27<sup>th</sup>-29<sup>th</sup> Dec. 2012.
12. **Chandra M.** Antimicrobial activity of medicinal plants against human pathogenic bacteria. International conference on “Chemical, Environmental and Bioprocessing Engineering”organized by Krishi Sanskrithi at JNU, New Delhi, 21<sup>st</sup> - 22<sup>nd</sup> Dec. 2013.
13. **Chandra M** and N. M. Mahesh. Antifungal activity of medicinal plants extract against seed-borne pathogenic fungi. International conference Organized by the Dept. of Botany, Karnataka University, Dharwad, held at Mysore, Quorum Hotel, 30<sup>th</sup> - 31<sup>st</sup>, Jan.2014.
14. **Chandra M.** Evaluation of phytochemicals and antimicrobial potentials of different maturity of *Lagerstroemia indica* L. National symposium Organized by the Dept. of Zoology, University of Mysore, 3<sup>rd</sup> - 4<sup>th</sup> Jan. 2014.

15. **Chandra M.** Screening of phytochemicals and antimicrobial activities of *Abutilon indicum* L. National seminar organized by the Dept. of Botany, M.G.M College, Udupi, 23<sup>rd</sup>- 24<sup>th</sup> Jan. 2014.

### **Workshop attended:**

1. **Chandra M.** Biotechnology: Methodology and Application. Jointly conducted by the Associations of Microbiology of India (Bangalore Unit) and the Microbiological Society of the Bangalore University, Bangalore on April 7<sup>th</sup>, 1998 at Bangalore University.
2. **Chandra M.** National Seminar on Recent Advances in Mycology and 31<sup>st</sup> Annual Meeting of the Mycological Society of India. Department of Biosciences, Mangalore University, Mangalagangothri, 2<sup>nd</sup>-3<sup>rd</sup> Dec. 2004.
3. **Chandra M.** Lecture workshop in Chemistry organized by Department of Chemistry, Mangalore University, Mangalagangothri, 10<sup>th</sup> - 11<sup>th</sup> Feb. 2007.
4. **Chandra M.** National environment Awareness Campaign. 2009 Seminar cum Workshop on cultivation of Biodiesel plants – Energy Security, Waste land management and mitigation of Climate Change. Department of Bioscience, 31-03-2009.
5. **Chandra M.** Cultivation of Biodiesel Plants –Energy Security, waste Management and mitigation of climate change’ organized by Department of Biosciences, Mangalore University, Mangalagangothri, on 31<sup>st</sup> March 2009.
6. **Chandra M.** Global Warming – Present & future scenario’ organized By Department of Biosciences, Mangalore University, Mangalagangothri, 18<sup>th</sup> March 2010.
7. **Chandra M.** Application of nanotechnology in medicine held at A. B. Shetty Memorial Institute of Dental Sciences, Mangalore, on 20<sup>th</sup>. Feb.2010.
8. **Chandra M.** Workshop on ‘Recent trends in Biodiversity conservation’ Organized by Department of Applied Zoology, Mangalore University, Mangalagangothri, 19<sup>th</sup> March 2010.
9. **Chandra M.** SAARC Regional Workshop on Campus Cooperative and Youth integration in Cooperatives. Department of Business Administration, Mangalore University, 23-25<sup>th</sup> March 2011.
10. **Chandra M.** One day National Symposium on Recent Advances in

Chemical Sciences. Department of Chemistry, Mangalore University, 30<sup>th</sup>  
April, 2013

11. **Chandra. M.** One week Hands on “Training and Workshop on Analytical Techniques” Sponsored by TEQIP and Organized by Department of Biotechnology Engineering, NMAM Institute of Technology, Nitte, on 23<sup>rd</sup> to 28<sup>th</sup> June 2014.