

Dr. (Mrs) M. S. Sastry

Professor



Contact Information:

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Biographical information

M. Sc.	Nagpur University, Nagpur, India	1977
Ph. D.	Nagpur University, Nagpur, India	1980

Professional details

Lecturer	Department of Zoology, RTM Nagpur University, Nagpur, India. 1979-1993
Reader	Department of Zoology, RTM Nagpur University, Nagpur, India. 1993-2001
Professor	Department of Zoology, RTM Nagpur University, Nagpur, India. 2001-till date

Experience:

Teaching: 32 Years
Research: 30 Years

Research Interest: Antifertility / Contraceptive drugs, Histo-enzymological studies, Haematology and Serum Chemistry, Anticancer drugs (Toxicology)

Research guidance:

- 13 M. Phil Students
- Ph. D. Awarded- 09 students, 05 working

Fellowships/Awards/Honours:

- Merit scholarship 1972-75.
- Dakshina Fellowship 1975-1977.
- Junior Research Fellowship, CSIR, New Delhi 1977-1980.
- Dr. M. A. Moghe Zoology Prize for standing 1st in M.Sc.
- Dr. S. M. M. Khatib Gold Medal for standing 1st in M.Sc.
- Year of the Scientist Award of National Environmental Science Academy, New Delhi 2001.
- Best Paper presentation'. 17th All India Congress of Zoology, Baramati (Pune)
- Best Paper presentation'. National Symposium on Invertebrates for Biomonitoring Ecosystem Health, 2010, Hislop College, Nagpur.
- Fellow of the Academy of Zoology (**FAZ**), Agra.

- Fellow of the National Environmental Science Academy (FNESA), Muzaffarpur.
- Fellow of the National Environmentalists Association (FNEA), Ranchi.

Membership of scientific Societies:

Life membership of 06 societies.

Research papers published: 50

List of selected recent Publications:

- Sastry, M.S.,** M. Motghare and V. Gotmare (2010) Effect of a chemotherapeutic drug Oxaliplatin on accessory reproductive glands in rat :he Bioscan. Special issue (2) : 323 – 334.
- Jayashree Tirpude, **M.S.Sastry** and Poonam Verma Shivkumar (2010) Co-relation between the cytological studies of amniotic fluid in the Indian leaf-nosed bat, *Hipposideros speoris* (Schneider) and Human at full Term Pregnancy: JDMIMSU, 5(2):70-73.
- Sastry, M.S., Pillai, S. B.** and Dharna Tembhare (2010) Histochemical analysis of the thecal interstitial gland during the reproductive cycle in the microchiropteran bat, *Hipposideros speoris* (scheider) :J. Endocrinol. Reprod.15(2):64-71.
- Sastry, M.S.** and Z. N. Kashmiri (2011) Toxic study of an oncolytic drug cyclophosphamide on the accessory reproductive glands of male squirrel *Funambulus pennanti* (Wroughton) : Histological approach. Asian J. Biol. Sci. 2 (1) : 119-123.
- Sastry, M.S.** and Z. N. Kashmiri (2011) Sperm structure and motility changes due to anticancer drug cyclophosphamide in male squirrel *funambulus pennanti* (Wroughton): The Bioscan 6(1):19-24.
- Sastry, M.S.** and Z.N.Kashmiri (2011) Studies on spermatogenic damages in squirrel testis induced by anti-cancer agent cyclophosphamide :Asian J.Expt.Sci.25(2):73-79.
- Sastry, M.S.,** Motghare, M., Gotmare, V. & Dighade, S. (2011) Cytotoxic effects of a chemotherapeutic drug oxaliplatin on rat testis and plasma testosterone concentration: I.J.S.N.2(2):359-367
- Bhatkulkar, M and **Sastry, M.S.** (2011) Variability of haemoglobin concentration during the Male and female reproductive cycle of a megachiropteran bat *Rousettus leschenaulti* (DESMEREST) I.J.S.N., Vol.2(3):653-658.
- Sastry, M.S.** and Gupta, S.S. (2011) Male reproductive toxicity of DMPA on seminal vesicle of Indian palm squirrel, *Funambulus pennanti*: I.J.S.N., Vol.3(3):659-667.
- Choudhury, S. and **Sastry, M.S.** (2011) Correlative studies on circulating serum testosterone and reproductive pattern in male Indian leaf-nosed bat, *Hipposideros speoris* (scheider). The Ecoscan: special issue (1) ; 81-85.