

Dr. SUCHANDRA SETT NAIDU

Contact: 9474639814

Qualification: M.Sc, Ph.D

Designation: Assistant Professor

Teaching Experience (in years): UG: 18+ years PG: Nil

Research Experience (in years): 10 years

Date of Joining Present Institution: 19/03/2002

Examinations cleared: NET-CSIR

Specialization/Research Interest: Cytogenetics and Plant breeding



Courses taught

| | B.Sc Honours | B.Sc. Program |
|--------------|------------------------------------|---|
| Semester-I | CC-II Mycology | CC-I Algae, Fungi, Bryophyta |
| Semester-II | CC-III Palaeobotany and palynology | |
| Semester-III | CC-VII Pteridophyta | SEC-I Biofertilizer |
| Semester-IV | CC-IX Phytogeography | |
| Semester-V | CC-XII Genetics | |
| Semester-VI | CC-XIII Molecular Biology | DSE-II Economic Botany, Pharmacognosy and Biotechnology |

Online Mode of Teaching

The different online modes of teaching adopted are:

- Sending of study materials through Whatsapp groups and via email to each and every student.
- Discussion about the courses over Whatsapp video calls and voice calls.
- Class test taken via email for each and every student.

Publications

Patents:

- Anti-peptic ulcer activity of an extract of a flower of *Woodfordia fruticosa*, Das; Pratap K. (Kolkata IN), Sahu; Niranjana P.(Kolkata IN), Banerjee; Sukdeb (Kolkata IN), **Sett Suchandra** (Kolkata IN), Goswami; Suchandra (Kolkata IN) Bhattacharya; Samir (Kolkata IN), United States Patent No. 7291353, November 6, 2007

2. A process for isolation of extract containing bioactive fractions from plant *Woodfordia fruticosa*, Pratap K. Das, Niranjana P Sahu, Sukdeb Banerjee, Samir Bhattacharya, **Suchandra Sett**, Suchandra Goswami (Indian Institute of Chemical Biology, Kolkata), Indian Patent No. 232610, March 27, 2009

Journal Publications:

1. **Suchandra Sett***, Rupnarayan Sett (1995), Alteration of serum immunoglobulin levels after splenectomy in thalassaemia. *Journal of Human ecology*, 6, 55-56.
2. **Suchandra Sett***, Santosh K Mishra, Kazi A I Siddiqui (2000), avirulent mutants of *Macrophomina phaseolina* and *Aspergillus fumigatus* initiate infection in *Phaseolus mungo* in the presence of phaseolinone; levamisole gives protection. *Journal of Bioscience*, 25, 73-80.
3. P. Bhattacharya, **Suchandra Sett*** and P. Maity (2001), Effect of purified glutaminase from human ascites fluid on experimental tumour bearing mice. *Journal of Experimental Clinical Cancer Research*, 20, 599-607

Paper Presentation in seminar/conference/symposium/workshop/discussion meeting

1. Oral presentation on "Plant-microbe Interaction" (**Suchandra Sett**) in the National symposium on recent trends in Microbiology held on February 17, 1996 organized by the prof. A.K. Chandra Memorial Committee and Department of Botany, University of Calcutta, West Bengal.
2. Oral presentation on " A *Penicillium* sp. Producing penicillin in soil interferes survivability of *Pseudomonas aurogenosa*, a potent agent for controlling *Macrophomina phaseolina* (**Suchandra Sett**) in the National Conference on Recent Trends of Researches in Microbiology and Plant Physiology in India held on September 26-27, 1997 organized by the Department of Botany, UGC SAP, University of Burdwan, West Bengal.

Participation in committees of Durgapur Government College since 2017

1. Routine subcommittee (member- 2017-18)
2. Admission subcommittee (member-2018-19)
3. 5th semester examination subcommittee (member- 2018-19)
4. UG Semester/Annual system backlog examination cell (Honours/Program/General course) (Jt. Convenor Annual system, 2019-20)
5. Games, sports and Gymnasium subcommittee (member 2019-20).