

# KONGUNADU ARTS AND SCIENCE COLLEGE

(Autonomous)



Accredited by NAAC with 'A' Grade – 3.64 CGPA out of 4 (3<sup>rd</sup> Cycle)

College with Potential for Excellence (UGC), Star College (DBT)

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## DEPARTMENT OF BOTANY (2018-19)

### Department History

The Department was started by introducing PUC (Natural Science, Physics and Chemistry) in 1973. The UG programme in Botany was started in the year 1979 and upgraded to PG level in the year, 1984. The Research programmes (M.Phil and Ph.D) in Botany were introduced in the year, 1986. The Department holds the unique distinction of having all-doctorate faculty who are having specialization in various areas of Plant Sciences.

### Vision

- ✓ Disseminate the knowledge on plants and their services to society.
- ✓ To develop feasible strategies in plant sciences for obtaining sustainable benefits from them.

### Mission

- ✓ Designing the curriculum by frequently updating the syllabi according to the local need.
- ✓ Preparing the students with more aptitude, skill and leadership quality by educating them.
- ✓ Make the students as entrepreneurs in the plant based industries.
- ✓ Identification and encouragement to turn the students into eminent scientists/ laurels.

### Courses offered

- ✓ UG Courses B.Sc., Botany
- ✓ PG Courses M.Sc., Botany
- ✓ Research M.Phil., and **Ph.D., Botany (Full & Part time)**

### HIGHLIGHTS

- Botany - A subject of Plant Science deals with the service of plants to man and other living beings.
- As a megadiversity nation, we can have wide opportunity to access plants for their medicinal uses, food value, fuel importance etc.
- Studying plants in their habitats by field visits
- Plants the renewable energy resource, a major thrust area for research in future.
- To train the students for entrepreneurship through applied botany
- Introduced Plant Biotechnology course in PG Botany.
- Offering consultancy from our indigenous expertise.
- Research activities with the support of UGC, DST, DBT, TNSCST etc.,
- National level conferences / seminars
- Standardization of regeneration protocol for endangered plant species.
- Specialization in various field of applied botany.
- Individual attention through tutor - ward system.
- Well established Herbarium Centre with more than 3000 specimens.
- Well equipped laboratories with sophisticated instruments.
- Separate laboratories for plant tissue culture and microbiology.
- Internet access for all students.
- Extension activities
  - ✓ Enrichment programme for school students.
  - ✓ Solid waste management for rural public.
  - ✓ Resource management - rain water harvesting.
  - ✓ Hands on training for self help group in cut flower, bonsai, mushroom cultivation and herbal medicines.



## LAB FACILITIES



## DEPARTMENT ACTIVITIES

