

**KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

*Re-accredited by NAAC with 'A' Grade – 3.64 CGPA out of 4 (3rd Cycle)*

*College of Excellence (UGC)*

*Coimbatore – 641 029*

**DEPARTMENT OF BOTANY (Aided)**

**PROGRAMME OUTCOMES (PO) OF  
M.Sc. BOTANY**

**For the students admitted**

**In the**

**Academic Year 2018-2019**

**PO1**

- Students will be able design, conduct experiments, analyze and interpret data for investigating problems in the field of Plant Sciences.

**PO2**

- This programme aids an excellent opportunities for students to develop demonstrative knowledge, understanding skills, qualities and other attributes in the range of structural organization and evolution in terms of phylogenetic trends.

**PO3**

- Plant diversity conservation strategies such as tissue culture techniques, *in situ* and *ex situ* methods motivates students to create interest towards nature and its protection of plant heritage.

**PO4**

- Explore the therapeutic aspects of medicinal plants by traditional indigenous approaches and perspectives on treating ailments.

**PO5**

- Contribution and importance of medicinal plants instill a sense of care and concern over the improved production of out supply on medicine, food and other plant products for the betterment of man's holistic development and welfare.

**PO6**

- Students can acquire acquainted knowledge on basic scientific phenomena, fundamental principles, and applications of various mathematical tools and physical principles in relevant biological situations.

**PO7**

- Students will be able to understand the potentials, and impact of biotechnological innovations by implementing modern appropriate techniques and practical exposures in the field of Plant Molecular Biology, Plant Biotechnology and Nanobiology.

**PO8**

- Demonstrate knowledge and understanding of concepts and principles in recent research approaches and to manage projects in multidisciplinary environments.

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