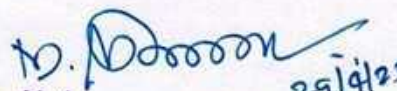


**J.J. COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)  
PG AND RESEARCH DEPARTMENT OF BOTANY  
PROGRAMME OUTCOMES (PO)**

**The B.Sc. Botany program is designed to achieve the following objectives**

- PO1 Apply the knowledge of science and technology fundamentals for findings solution for complex problems.  
To provide up to date theoretical knowledge on various forms of plants, their
- PO2 interactions with biotic and abiotic entities in the ecosystem and relevant practical skills.
- PO3 To comprehend and interpret various facets of Botany including the importance and judicious utilization of plant sources.
- PO4 Exploration of diverse plant life-forms and to nature the conservation of biodiversity.
- PO5 To understand the principles and applications of various traditional and modern techniques used in Botany.
- PO6 To disseminate knowledge on the design and execution of experiments in Botany with emphasis on the operation of relevant sophisticated instruments.
- PO7 To impart knowledge on the economic importance of plant/microbial resources and their products and to promote entrepreneurship skill.  
To promote proficiency in designing the research problems, review of literature,
- PO8 laboratory experiments, data analyses and preparation of reports with professional ethics.
- PO9 To motivate the students to take up innovative and cutting-edge research in frontier areas of Botany and related biology subjects.
- PO10 To enable the students to take up various qualifying examinations concerning Botany and to face the challenges in career opportunities.

  
**Dr. M. Arumugam, M.Sc. M.Phil., Ph.D.**  
Assistant Professor & Head  
PG and Research Dept. of Botany  
J.J. College of Arts and Science  
Sivapuram, Pudukkottai - 622 42  
Tamil Nadu, India.



  
**Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A., M.Phil., D.Ed., Ph.D.**  
PRINCIPAL  
J.J. College of Arts and Science (Autonomous)  
J.J. Nagar, Sivapuram Post,  
PUDUKKOTTAI - 622 422.

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PG AND RESEARCH DEPARTMENT OF BOTANY  
PROGRAMME OUTCOMES (PO)**

**The M.Sc. Botany program is designed to achieve the following objectives**

- PO1 To impart knowledge on the fundamental, advanced and emerging concepts in Botany.  
To provide up to date theoretical knowledge on various forms of plants, their interactions with
- PO2 biotic and abiotic entities in the ecosystem and relevant practical skills.
- PO3 To comprehend and interpret various facets of Botany including the importance and judicious utilization of plant sources.
- PO4 To address various critical issues in conserving the biodiversity with special reference to economically important plants and the plants listed in RED data.
- PO5 To understand the principles and applications of various traditional and modern techniques used in Botany.
- PO6 To disseminate knowledge on the design and execution of experiments in Botany with emphasis on the operation of relevant sophisticated instruments.
- PO7 To impart knowledge on the economic importance of plant/microbial resources and their products and to promote entrepreneurship skill.  
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PG and Research Dept. of Botany  
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J.J. College of Arts and Science (Autonomous)  
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PUDUKKOTTAI - 622 422.