

About the College

Nallamuthu Gounder Mahalingam (NGM) College, Pollachi was established in the year 1957 and it is an autonomous institution affiliated to Bharathiar University, Coimbatore. The college has been spreading its wings far and wide to provide a variety of educational programmes under one roof for around 60 years. Over the years, the College has been developed into a premier teaching and research Institution, offering 41 different programmes including UG, PG and research. The College has 262 staff members and 5416 students. The benevolence of the beloved Patron Arutchelvar Dr. N. Mahalingam, the President Dr. B. K. Krishnaraj Vanavarayar and the Secretary Shri M. Balasubramaniam has transformed the College into a Centre of Excellence in higher learning and active research. The academic excellence, expert faculty, state-of-the art research facilities, commendable ISR activities and promising placements are the strength of the college. The NAAC has awarded 'A' grade twice and it is also an ISO 9001:2015 certified institution.

About the Department

The Department of Botany was established during the year 1972 with an undergraduate course in botany and the post graduate course was introduced during the year 2015. The course is highly integrative in nature in order to ensure vertical and horizontal mobility of students. Curricular contents range from the Classical Botany to Applied Botany including Plant Biotechnology,

Molecular Biology, and Bioinformatics and Bio nanotechnology. The infrastructure and the expertise available in the department have elevated it into a recognized research centre of Bharathiar University to carry out research in both fundamental and applied fields of Botany to award M.Phil (full time/part time) and Ph.D. degrees.

Research in Botany

The research expertise available in the department is shared and served to the users in the fields of Limnology, Algology, Taxonomy, Plant Biotechnology, Bioinformatics, Environmental monitoring, Ethnobotany etc. The department is a pioneer in the college by carrying out research couple of decades ago by partnering with the Integrated River Cauvery research project, funded by the ministry of Environment and Forests, New Delhi. Further to strengthen the research activities in the department, efforts are also being taken to carry out minor and major research projects in the coming years by availing financial support from the University Grants Commission (UGC), Tamilnadu State Council for Science and Technology (TNSCST) and Ministry of Environment Forests and Climate change (MoEF&C).

Infrastructure

To ensure hands on experience to students, two departmental laboratories are available along with a Central Instrumentation Laboratory with sophisticated instruments such as phase contrast microscope (with photomicrographic unit and computer interface), PCR machine,

UV-Spectrophotometer, colorimeter, pH meter, electrophoresis unit, laminar air flow chamber, plant tissue/bacterial culture chambers, etc. Computers with internet facilities are provided to each student to carry out Bioinformatics practical. The department has a good stock of herbarium and collection of digital resources for learning purposes. The referral library in the department helps the students to access the books and journals easily. Apart from this, several field trips are arranged to expose the students to the ecologically sensitive biodiversity hot spots and also to bioprocessing industries.

About the workshop

The workshop module is designed to provide the participants with an insight into the application of latest techniques in Botany listed below

- *Chromatography techniques*
- *Mushroom cultivation techniques*
- *Plant tissue culture techniques*
- *Isolation of plant genomic DNA*
- *Agarose gel electrophoresis*

Who can participate?

Interested and aspiring students, scholars and teaching staff of life sciences from any institution.

Registration Fee

Registration fee (Rs. 100/-) will be collected in the registration desk on the day of workshop. The registration fee includes workshop kit, working lunch and a certificate.

Hands on Training in Plant Biotechnology
6th March 2019

REGISTRATION FORM

Name : _____

Programme
& Branch : _____

Designation : _____

Organization : _____

Address : _____

Contact Number : _____

e-mail ID : _____

Date :

Signature of the participant

Place :

Note : only limited participants will be selected on the basis of prior intimation through E-mail: ngmflora@gmail.com on or before 04.03.2019.

ORGANISING COMMITTEE

CHIEF PATRON

Dr. B.K. Krishnaraj Vanavarayar
President

PATRON

Shri M. Balasubramaniam
Secretary

CHAIRMAN

Dr. P.M. Palanisamy, Principal

Organizing secretary

Dr. R. Rakkimuthu, Asst. Prof. & Head
PG and Research Department of Botany

Co-ordinators

Dr. P. Sathishkumar Asst. Prof.
Dr. A.M. Anandakumar Asst. Prof.
Ms. D. Sowmiya Asst. Prof.

Executive Committee

Dr. R. Kannan Assoc. Prof. & Head
Dr. M. Latha Isabel Assoc. Prof.
Dr. A. Logamadevi Asst. Prof.
Dr. K. Rajalakshmi Asst. Prof.
Dr. E. Neelamathi Asst. Prof.
Department of Botany, NGM College, Pollachi.

For further details Contact:

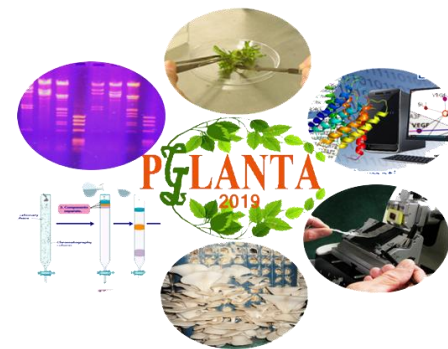
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Hands on Training in Plant Biotechnology

6th March 2019

Organized by

**PG and Research Department
of Botany**



**Nallamuthu Gounder Mahalingam College
(Autonomous)**



Re-accredited with "A" Grade by NAAC
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