



Nallamuthu Gounder Mahalingam College

(An Autonomous Institution, Affiliated to Bharathiar University)

90, Palghat Road, Pollachi - 642001, Coimbatore, Tamil Nadu, India.

95th Rank in NIRF - 2023 - Among Colleges in India.



6.5.1 Internal Quality Assurance Cell (IQAC) / Internal Quality Assurance System (IQAS) has contributed significantly for Institutionalizing the quality assurance strategies and processes, by constantly reviewing the teaching learning process structures and methodologies of operations and learning outcomes at periodic intervals.

Course Mapping relevance to Local, Regional, National and Global Developmental Needs

S.No	Course Mapping	Page No.
1	UG Course	1
2	PG Course	2

Dr. R. MUTHUKUMARAN,
M.A., M.Phil., B.Ed., Ph.D.,
PRINCIPAL
N.G.M. College, Pollachi - 642 001
Coimbatore District



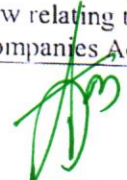
DEPARTMENT OF COMMERCE
NALLAMUTHU GOUNDER MAHALINGAM COLLEGE POLLACHI – 642 001

Syllabus 2022-2025

List of Courses having focus on local, national, regional and global developmental needs offered by the
 PG and Research Department of Commerce

COMMERCE						Year: 2022
Programme: B.Com						
Course Code	Course Title	Need				Rationale
		Local	National	Regional	Global	
22UCO101	Core - I : Financial Accounting	✓	✓	✓		Evaluate conceptual knowledge of the financial accounting
22UCO102	Core - II : Banking and Insurance	✓	✓	✓		Understand the importance and roles of banks and insurance in India.
22UCO1A1	Allied - I : Business Economics	✓	✓	✓		Effective Decision making
22UCO203	Core - III : Higher Financial Accounting	✓	✓	✓		Appraise the skills in Higher Financial accounting
22UCO204	Core - IV : Commercial Law	✓	✓	✓		Impart Knowledge on Commercial law.
22UC02A2	Allied - II : Business Application Software and Internet	✓	✓	✓	✓	Enhancing knowledge in Computer field
22UCO2A3	Allied Lab - II : Programming Lab in Business Application Software and Internet	✓	✓	✓	✓	Enhancing knowledge in Computer field
22EVS201	Environmental Studies	✓	✓	✓	✓	Educate Environmental needs
22UCO305	Core - V : Corporate Accounting	✓	✓	✓		Appraise the skills in Company accounts
22UCO306	Core - VI : Income Tax	✓	✓	✓		Educate Tax laws
22UCO307	Core - VII : Company Law and Secretarial Practice	✓	✓	✓		Understanding the Law relating to Companies Act 2013





Dr. R. MUTHUKUMARAN,
 F.M.A., M.Phil., B.Ed., Ph.D.,
PRINCIPAL
 N.G.M. College, Pollachi - 642 001
 Coimbatore District

**List of Courses having focus on local, national, regional and global developmental needs
offered by the PG and Research Department of Botany**

PG and Research Department of Botany						
Programme: M.Sc., Botany					Academic Year: 2021 - 2022	
Course Code	Course Title	Need				Rationale
		Local	National	Regional	Global	
21PBY101	Plant Diversity I	✓	✓	-	-	Utilizing the algae and fungi as food, medicine, fertilizer and algae as indicators of pollution.
21PBY102	Plant Diversity II	✓	✓	-	-	Identifying the ecology and evolutionary significances of Pteridophytes and Gymnosperms in environmental sustainability.
21PBY103	Core 3 Applied Microbiology and Plant Pathology	✓	✓	✓	-	Knowledge about microbes. Knowledge about plant infectious microbes and their diagnostic methods
21PBY1E1	Ecology and Phytogeography	-	-	-	✓	To understand the mechanism of environmental and biodiversity management
21PBY1E2	Economic Botany	✓	-	-	-	To study the local herbs and their medicinal properties to treat diseases




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PRINCIPAL
 N.G.M. College, Pollachi - 642 001
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21PBY1E3	Seed technology	✓	✓	-	-	Awareness on storage reserves in seeds, seed longevity and seed viability to quality yield of crops.
21PBY205	Plant anatomy and Reproductive biology	✓	✓	✓	-	To study the
21PBY206	Plant Physiology		✓	✓	-	To Understand the physiological functions of different parts of plants
21PBY207	Cytology, Genetics and Plant Breeding	-	-	-	✓	To study genes and their mode of expression Awareness on the conventional methods of plant breeding to producing new variety.
21PBY2E4	Elective2 Horticulture and Landscaping	✓	-	-	-	To understand the principle and techniques of improving horticultural plants
21PBY2E5	IPR and Bioethics	-	✓	-	-	Fundamentals of patenting, copyright and trademark
21PBY2E6	Organic farming	✓	-	-	-	The preparation and application of organic manures locally
21PBY2NI	Commercial Horticulture	✓	-	-	-	To understand the principle and techniques of improving horticultural plants
20PBY309	Taxonomy of Angiosperms	✓	✓	-	-	To learn the method of identifying plants to arrive at local and



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M.A., M.Phil., B.Ed., Ph.D.,
PRINCIPAL
N.G.M. College, Pollachi - 642 001
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						national flora
20PBY310	Plant Biochemistry and Biophysics	-	-	-	✓	Knowledge in the synthesis of biomolecules and their role in metabolic pathways along with their regulation.
20PBY311	Research Methodology	-	-	-	✓	Scientific understanding of analytical techniques and detail interpretation of results.
20PBY312	Laboratory course - III	✓	✓	✓	-	Accurate identification of plants for stake holders
20PBY313	Laboratory course - IV	✓	✓	✓		Knowledge on the preparation of solutions, to carry out the experiments on biochemistry and plant tissue culture.
20PBY3E5	Forestry and wood science	✓	✓	✓	-	Manufacturing the value added products from non timber forest products
20PBY3E6	Herbal Technology	-	-	✓	-	To learn the medicinal value of plants and the students will study the medicinally used traditional herbs
20PBY414	Plant Biotechnology and Nanobiology	-	-	-	✓	Demonstrates the role of transgenic plants and bionano particles in the fields of medicine, agriculture and




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PRINCIPAL
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						environment. To inculcate the techniques of plant tissue culture, so that students can get placed in plant tissue culture industries
20PBY415	Bioinformatics and Cyber Security	-	-	-	✓	Modern competences in the handling of bioinformatics tools.

HOD

Dr. R. Rakkimuthu, M.Sc., Ph.D.
Assistant Professor and Head
PG & Research Dept. of Botany
N.G.M. College (Autonomous)
Pollachi - 642 001



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