



HIGHLIGHTS

- ⇒ Qualified Faculty Members.
- ⇒ Student Centered Learning.
- ⇒ Hybrid Mode Curriculum Transaction.
- ⇒ Greener campus with well maintained Botanical garden.
- ⇒ Library with excellent choice of reading materials.
- ⇒ Good Choice among Courses.
- ⇒ Field based Activities.
- ⇒ Different area of Elective Courses.
- ⇒ Institution/Field Visit.
- ⇒ Study Tours to experience Biodiversity.
- ⇒ Various Club activities for overall development.

USEFUL LINKS

<https://admissions.keralauniversity.ac.in/fyugpHome.php>

[University Basket](#)

Career Opportunities

- ❖ Teacher/Professor/Scientist/Instructor
- ❖ Research and Development
- ❖ Government Employment
- ❖ Entrepreneurship
- ❖ Pharmaceutical Industry
- ❖ Agri Industry
- ❖ Laboratory Technician
- ❖ Forensic Science
- ❖ Botanic Garden Curator

“Botany, the eldest daughter of medicine”

Johann Hermann Baas

Scan here for
Detailed College
Basket



Feel free to Contact us

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VTM NSS COLLEGE DHANUVACHAPURAM

Affiliated to the University of Kerala
Re-accredited by NAAC at + Level
www.vtmnsscollege.ac.in



DEPARTMENT OF BOTANY

PROGRAMMES

- ☉ 4 Year BSc Honours Degree
- ☉ 3 Year BSc Degree
- ☉ N-1 Fast Track Degree



Discipline Specific Core Courses

- ❁ Plant World I
- ❁ Plant World II
- ❁ Fundamentals and Scope of Botany
- ❁ Plants in Daily Life
- ❁ Anatomy of Flowering Plants
- ❁ Reproductive Botany and Microtechnique
- ❁ Histology and Reproductive Botany
- ❁ Lower Cryptogams, Phytopathology and Microbiology
- ❁ Archegoniates and Palaeobotany
- ❁ Angiosperm Morphology and Plant Systematics
- ❁ Plant Genetics
- ❁ Cell biology and Evolutionary Biology
- ❁ Plant Physiology
- ❁ Environmental Science and Conservation Biology
- ❁ Biochemistry and Molecular Biology
- ❁ Methodology in Biological Research
- ❁ Plant Interaction and Defense Mechanism

Discipline Specific Elective Courses

- ❁ Forestry
- ❁ Herbal Technology
- ❁ Analytical Techniques in Plant Science
- ❁ Plant Biotechnology
- ❁ Phytochemistry and Drug Discovery
- ❁ Modern Trends in Plant Systematics
- ❁ Aquatic Botany

OTHER EXPERTISES

- ❑ Summer Internship in Recognized Institutions
- ❑ Capstone Internship Project
- ❑ DSC Courses instead of CIP
- ❑ Assistance in Collaborative Research Projects



Foundation Courses



Multidisciplinary Courses

- ❁ Floriculture
- ❁ Ecotourism

Value Addition Courses



- ❁ Bioethics & IPR
- ❁ Phyto-nutraceuticals
- ❁ Entrepreneurship in Plant Science



Skill Enhancement Courses

- ❁ Herbal Cosmetics
- ❁ Basics of Plant Tissue culture
- ❁ Vegetable Gardening