

GREESHMA GEETHA

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EDUCATION

Jawaharlal Nehru University

New Delhi, India

M.Sc. Environmental Sciences

July 2019- June 2021

OGPA: 8.12/9.0

Dissertation: *Comparative assessment of Carbon Sequestration Potential of Trees of Major Tree Crop Plantations, Homestead agroforestry systems, and the Associated Soil Carbon Dynamics of Kerala, India.*

Relevant Coursework: Agroecology and sustainable agriculture, Microbial ecology, Soil science, Environmental chemistry, Ecology, Ecology and sustainable development, Earth processes, Environmental impact assessment, Remote sensing and geoinformatics, Energy and environment, Water Resources, Environmental biochemistry and toxicology, Environmental pollution.

Kerala Agricultural University

Thiruvananthapuram, India

B.Sc. (Hons.) Agriculture.

August 2014-June 2018

OGPA: 8.53/10

Relevant Coursework: Organic farming and soil health, Sustainable agriculture and organic farming, Soil Chemistry, soil fertility, and nutrient management, Cropping pattern and farming systems, Agricultural Microbiology, Agricultural biochemistry, Environmental science, Protected cultivation, and post-harvest technology, Crop production, Fertilizers and agrochemicals, Agricultural meteorology, Irrigation and water management, Design and analysis of experiments.

RESEARCH AND PROFESSIONAL EXPERIENCE

Cactus Communications Pvt. Ltd.

Bangalore, India

Academic editor (Environmental Sciences)

November 2021- February 2021

Tasks undertaken:

- Formated scientific research manuscripts according to the target journal.
- Edited research manuscripts written by non-native authors to ensure standard scientific English.

Instructional Farm, Kerala Agricultural University

Thiruvananthapuram, India

Farm officer

January 2019- June 2019

Tasks undertaken:

- Crop production Supervision ● Integrated farming system management ● Seed quality assessment ● Skill demonstration for farmers and laborers ● Research assistance ● Horticultural seedling nursery management ● Production and sales record maintenance ● Guided undergraduate students, customers, and visitors in crop fields and medicinal nurseries. ● Cultural and skill development event organization.

Origin Diagnostics and Research

Kerala, India

Assistant Manager

June 2018- December 2018

- Research assistance ● Product quality assurance ● Environment hazard regulation and management
- Research lab maintenance ● Online marketing assistance.

Kerala Agricultural University,

Rural Agricultural Work Experience (RAWE)

January 2018- June 2018

Tasks undertaken:

- Soil testing ● Agro-clinics ● Training farmers ● Attachment with various research organizations, industries, banks, NGOs, and innovative farmers.

Kerala Agricultural University

Experiential Learning

June 2017- December 2017

1. Horticultural Nursery Management

- Crop production techniques innovation and demonstration ● Crop production ● Nursery management
- Seedlings and seed production and sale.

2. Processing and Value addition of horticultural crop

- Innovation of food processing techniques
- Value addition and marketing of horticultural crops

OTHER QUALIFICATIONS

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- Indian Council of Agricultural Research- National Eligibility for Teaching (NET),2020
 - University Grand Commission- National Eligibility for Teaching (NET),2021

SCHOLARSHIPS & AWARDS

- University Grand Commission- Junior Research Fellowship
- Best trainer Award, Rural Agricultural Work Experience, Kerala Agricultural University, 2017
- Best presentation, National Banana Festival, 2018.

PRESENTATIONS

Annual Farm Day, Instructional Farm, College of Agriculture, Vellayani, 2019

- Training and method demonstration- Commercial methods of fruit tree propagation.

National banana festival, Thiruvananthapuram, 2018

- Presentation and live exhibition- Indigenous banana varieties of Kerala.

Rural Agricultural Work Experience, Women council, Idukki, 2017

- Presentation and method demonstration- Rabbit rearing in subtropics and its advantages.

Rural Agricultural Work Experience, 2017

- Presentation on -Inter-cultivation of medicinal plants in rubber plantations.

ADDITIONAL SKILLS

- Familiarity with scientific research methodologies in soil science and agronomic practices.
- Acquaintance with various lab techniques (Soil biogeochemical analysis, Soil microbial analysis, Plant, soil & water sampling, Weather forecasting & monitoring, DNA extraction, gel electrophoresis) and instruments (absorption spectrophotometer, pH and EC meter, lysimeter, penetrometer).
- QGIS, ArcGIS, IBM SPSS.
- Microsoft office