

YASEENA SHAIK

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OBJECTIVE

Dedicated and environmentally conscious graduate with a background in Forestry, Wood Science, Wildlife biology, and natural resource management, seeking opportunities to apply field-based experience and geospatial skills in conservation-oriented research. Proficient in GIS, remote sensing, ecological monitoring, and environmental data analysis. Committed to advancing sustainability, biodiversity protection, and science-driven solutions through collaborative research and academic growth.

EDUCATION

BSc (Hons) Forestry

Forest College and Research Institute, Mulugu, Siddipet district, 502279, Telangana state (India) 8.3/10 GPA

Intermediate Education (10+2)

Sri Chaitanya Junior College, Khammam, 507001, Telangana state (India) 949/1000 score

Secondary School Certificate

Holy Angeles High School, Mahabubabad, 506101, Telangana state (India) 9.2/10 GPA

RESEARCH AND TECHNICAL SKILLS

GIS & Remote sensing	-	ArcGIS (10.8.1), QGIS, Google Earth
Programming languages	-	Python, R language
Microsoft Office Suite	-	Excel, Word, PowerPoint, Access
Data visualization	-	Power BI, Tableau
Statistics	-	Descriptive stats, Regression, Spatial statistics

FOREST WORK EXPERIENCE

1. All India Tiger Estimation (Tiger Census) 2018-AITE

Organization: Forest Department/ National Tiger Conservation Authority (NTCA)

Led a team in conducting tiger population surveys and data collection

Skills gained: Field survey techniques, wildlife tracking, data recording, and GPS handling

2. Internship at CEFNARM (Centre for Forest and Natural Resource Management)

Conducted socio-economic surveys in rural/tribal communities to assess forest dependency, livelihoods, and resource usage patterns

Analyzed data using basic statistical tools to identify trends related to income, occupation, and forest resource utilization.

Collaborated with forest officials, local NGOs, and community stakeholders during fieldwork.

3. Student Ready Programme (SRP)- “Preparation of herbal extracts and development of value-added products”

Trained in herbal extract preparation and value-added forest products; learned techniques for formulation, processing, and market-oriented development.

Understood market linkage and entrepreneurship potential of non-timber forest products (NTFPs).

4. Dissertation Work-Mapping of NTFP Species in Bhadrachalam Range

Collected and documented data from field sampling sites using GIS and Remote sensing technology

Conducted field studies to map and document non-timber forest product species.

Researched and analyzed spatial distribution and utilization patterns of NTFPs.

5. Forestry Work Experience (FoWE) program

Gained first-hand exposure to tropical, dry deciduous, evergreen, mangrove, and montane forests, as well as national parks, wildlife sanctuaries, and biosphere reserves. Visited forest research institutes, wood-based industries, tribal settlements, and conservation projects to understand practical aspects of forest management and utilization.

Developed skills in field observation, ecological documentation, report writing, and understanding regional forest issues.

6. Project Assistant-Forest College and Research Institute

Conducted Training of Trainers (TOT) and field trainings for stakeholders.

Organized study tours and facilitated project implementation.

Contributed to the promotion and development of non-timber forest products (NTFPs).

7. Telangana Ku Harita Haram (TKHH)

Organization: Telangana Forest Department / local municipality

Participated in large-scale afforestation initiatives to promote green cover in the Mahabubabad district.

Involved in sampling plantation, site preparation, pit digging, and post- plantation care.

8. NSS (National Service Scheme)

Participating in NSS activities has significantly contributed to my personal and collective growth. It has boosted my self-confidence, honed my leadership skills, and introduced me to people from diverse backgrounds, broadening my understanding of various life experiences.

9. Secretary of Nature Club

Led the student Nature Club, organizing eco-awareness activities, nature education programs, and biodiversity conservation events.

Coordinated events such as butterfly watching sessions, tree plantation drives, nature walks, and environmental awareness campaigns.

Developed communication skills, event planning, and leadership skills through active involvement in club operations and outreach.

TRAINING PROGRAMMES ATTENDED

1. Van Vigyan Kendra Training Programme

“Industrial Agroforestry” Conducted by the Institute of Forest Biodiversity (IFB), Hyderabad, and Forest College and Research Institute (FCRI)

Participated in the training programme on September 16, 2022.

Explored industrial applications and practices in agroforestry.

2. Van Vigyan Kendra Training Programme

Conducted by the Institute of Forest Biodiversity (IFB), Hyderabad, and the Forest College and Research Institute (FCRI)

Participated in the training programme held on March 16–17, 2022.

Enhanced knowledge on biodiversity conservation and forest management.

3. National Training-cum-Junior Workshop “Livestock, Aquaculture, and Sustainable Agriculture Practices”

Organized by Meadow Agriculture (Start-up), Veterinary College Hasan (Affiliated with Karnataka Veterinary, Animal & Fisheries Science University), and S R University, Warangal

Completed a 21-day training programme (December 1–21, 2023) in online mode.

Gained insights into sustainable practices in livestock, aquaculture, agriculture, and agroforestry.

4. National Training Programme “Marketing and Value Chain-Based Strategies for Agroforestry Products in India”

Organized by Rani Lakshmi Bai Central Agricultural University (RLBCAU), Jhansi, in collaboration with National Institute of Agricultural Extension Management (MANAGE), Hyderabad

Completed a 5-day training programme (May 27–31, 2024) via virtual mode.

Focused on strategies for marketing and value chain development in agroforestry.

CONFERENCES, SEMINARS & WEBINARS- PARTICIPATION

1. International e-Conference “Climate Resilience and Disaster Risk Management for Sustainable Development”

Nizam College (Osmania University), FCRI, and Council for Green Revolution, Hyderabad

Virtually participated in the two-day conference on August 17–18, 2020.

2. Webinar “Indian Biodiversity and its Conservation”

Nature Club of Rajapalayam Rajus’ College and Wildlife Association of Rajapalayam (WAR)

Actively participated in the 25th webinar on August 26, 2020.

3. Webinar Series “The Mistaken Mermaid of the Sea – Dugong, the Sea Cow”

Marine Aquarium and Regional Centre, Zoological Survey of India, Ministry of Environment, Forests & Climate Change, Digha, West Bengal

Participated in the webinar on October 15, 2020.

4. International Seminar “Advances in Wood Science for Natural Resources Sustainability”

Wood Anatomy Division, Forest Research Institute, Dehradun

Participated in the seminar held on March 25, 2022.

Explored advancements in wood science for sustainable natural resource management.

5. National Seminar “Intellectual Property Rights in Forest Genetic Resource Conservation and Management”

Department of Tree Breeding and Improvement, Forest College and Research Institute (FCRI)

Attended the seminar on December 9, 2022.

Explored the role of intellectual property rights in forest genetic resource management.

6. **International Conference “Advances in Plant Sciences for Sustainable Future” (ICAPSSF-2024)** Department of Botany and Botany Alumni, Osmania University, Hyderabad, Telangana
Participated in the conference held from February 7–9, 2024, during the Centenary Celebrations of the Department of Botany.
Engaged in discussions on advancements in plant sciences for sustainability.
7. **National Conference “Himalayan Ecosystem: Threats, Resilience & Sustainable Management”** Government PG College Nagnath-Pokhari (Chamoli), Uttarakhand, and Uttarakhand Science & Education Research Centre (USERC), Dehradun
Presented a paper titled “Medicinal Plants Conservation in the Himalayan Region: Balancing Traditional Knowledge and Sustainable Use” on February 26–27, 2024.
8. **National Level e-Conference “International Day of Biological Diversity 2024”** Department of Botany, Green Committee, Eco Club, and NSS, Government City College (A), Nayapul, Hyderabad, in Association with TBB
Actively participated in the conference on May 22, 2024, themed “Be Part of the Plan.”
9. **Hybrid Workshop “Assessment of Impact of Climate Change on Vegetation Ecosystems using Geospatial Technologies”** Lab for Spatial Informatics, International Institute of Information Technology (IIIT), Hyderabad
Participated in the workshop on November 27, 2024.
Gained insights into geospatial technologies for climate change impact assessment.
10. **National Symposium and Workshop “Recent Trends in Forest Biotechnology Research,”** organized by the Department of Tree Breeding and Improvement, Forest College and Research Institute, Hyderabad, Mulugu, Telangana State, DST-SERB-sponsored - Actively participated on August 20, 2024.
11. **Workshop “Capacity building cum Sensitization Workshop on Voluntary Certification Scheme for Medicinal Plant Produce”** Held on 21-05-2024 in Hyderabad, Telangana, and organized by India organized by National Medicinal Plant Board and the Quality Council of India.
12. **National Symposium and Workshop “Recent Trends in Forest Biotechnology Research,”** organized by the Department of Tree Breeding and Improvement, Forest College and Research Institute, Hyderabad, Mulugu, Telangana State, DST-SERB-sponsored - Actively participated on August 20, 2024.
13. **Workshop “Capacity building cum Sensitization Workshop on Voluntary Certification Scheme for Medicinal Plant Produce”**
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COURSES

1. Remote sensing and mapping for Coral Reef Conservation.

Organized by ARIZONA STATE UNIVERSITY, THE UNIVERSITY OF QUEENSLAND(Australia), NATIONAL GEOGRAPHIC PLANET, REEF RESILIENCE NETWORK.

2. Introduction to the IUCN Red List

Assessing Species Extinction Risk Using IUCN Red List Methodology Organized by IUCN, MAVA FOUNDATION(Switzerland), ENVIRONMENTAL AGENCY (Abhu Dhabi)

HOBBIES AND INTERESTS

- **Trekking & Hiking:** exploring diverse forest ecosystems and mountainous landscapes
- **Bird watching:** Identifying Avian species and understanding their behavior
- **Tree identification:** studying native and exotic tree species.
- **Ecological Restoration Volunteering:** Participating in afforestation and habitat Restoration programs
- **Nature Photography:** Documenting flora, fauna, and landscapes
- **Foraging:** Foraging for wild edibles like fruits, nuts, berries, or herbs.

DECLARATION

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND SHOULD ANY INFORMATION PROVE TO BE FALSE, I UNDERSTAND THAT MY CANDIDATURE MAY BE SUBJECT TO REJECTION.

Date: 25/06/2025

Place: MAHABUBABAD, Telangana, India

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