

Program Objectives

M.Sc. Forestry and Environmental sciences

(2-Years/4-Semester programme)

1. Name of the program: Master of Science in Forestry and Environmental Sciences
2. Specializations available:
 - a. Forest Genetic Resources
 - b. Forest Management
3. Program Specifications

School of Studies: School of Natural Resources

Department: Forestry, Wildlife & Environmental Sciences

Program: M.Sc. Forestry and Environmental sciences
4. Mode of Study: Full time (Semester system):
Class room teaching; experiential learning; Tutorials; experimental laboratory training; Assignments; Field training; Forest Operational experiences; Field Survey.

Purpose of the course:

It is dedicated for promoting excellence in education and research in Forestry and allied subjects, to cater the need for trained forestry man power in the country. This exposes the students to all segments of forestry, wildlife and environmental sciences with a view to provide the students with innovative knowledge and skills. For managing the natural resources & physical environment. The programme curriculum emphasizes on the critical, analytical and problem solving skills for their scientific aptitude development for better preparedness and matured professional outlook in forestry and environmental sciences.

Program Objectives:

1. The programme aims to develop the ability of understanding and reading and to interpret forestry and environmental science through qualitative and quantitative methods.
2. Students will also equipped with methodology adopted in forest and environment assessment, planning and correlative assessment of forest with nature.
3. To give need based education in Forestry and Environmental sciences of the highest quality.



5. Offer courses to the choice of the students with skill based courses having interdisciplinary approach.
6. Attract outstanding students from all backgrounds.

Programme Specific Objectives:

- To develop undergraduate level student strong competencies in the field of Forestry and Environmental Sciences and its application in a technology-rich, interactive environment.
- To develop strong student skills in silvicultural activities, Forest genetics and tree breeding, forest survey & mapping, forest management planning, forest based industries development and value addition, IPR applications, natural resource management, environmental sustainability, socio economic stability, data collection and analysis by using new techniques and tools.
- To prepare the students to successfully compete for employment in Forestry and Environmental Sciences and its allied disciplines to meet the fulfilment of government and industrial needs.

Outcome of the programme:

- The M.Sc. Forestry and Environmental sciences programme equips the students with knowledge, general competence, and analytical skills on an advanced level, needed in forest and forest based industries as well in environmental sector consultancy, education, research, and public administration during attachment with State Forest Department and forest based industries.
- The hands on field training through one full semester gives special expertise within specializations of Forest Genetic Resources and Forest Management offered by the department.

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