

DEPARTMENT OF ZOOLOGY

COURSE CURRICULUM AND MARKING SCHEME

SKILL ENHANCEMENT COURSE ON PISCICULTURE

Session 2022-23



**GOVT. V.Y.T. PG AUTONOMOUS COLLEGE,
DURG, 491001 (C.G.)**

(Former Name – Govt. Arts & Science College, Durg)

NAAC Grade- 'A+', CPE Phase-III, DBT-Star College

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GOVT.V.Y.T. PG AUTONOMOUS COLLEGE, DURG (CG)
SESSION 2022-26
FOR 4YR UG (B.SC) PROGRAM
WITH ZOOLOGY
SKILL ENHANCEMENT COURSE
SEMESTER-I
Course Code – SEC01
Pisciculture

Max. Marks:50

Min. marks: 17

UNIT – I: Basic Concept of Fisheries

- Fisheries in Indian History
- General characteristics and classification of fishes
- Govt. participation and economic assistance

UNIT – II: Fish culture techniques

- Integrated fish culture
- Composite
- Cage culture
- Induced breeding and hatching

UNIT – III: Preparation of fish farm

- Site selection and pond preparation
- Water and soil management
- Microflora and weed management

UNIT – IV: Fish diseases and its control

- Viral diseases: Ranavirus, Megalocytivirus, Herpes virus
- Bacterial diseases: Aeromonas, Pseudomonas, Vibrio
- Fungal diseases: Achlya sp. (Saprolegniasis), Branchiomycosis sp. (Branchiomycosis), Ichthyophonus sp. (Ichthyophoniasis)
- Protozoan diseases: Ichthyophthirius multifiliis (White spot disease), Trichodinium, Chilodonella
- Helminth: Dactylogyrus, Benedenia

UNIT – V: Fishing and Marketing

- Fish harvesting: netting, gears and crafts
- Fish stocking and processing
- Fish Transport and marketing

The syllabus for Skill Enhancement Course on Pisciculture is hereby approved for the Session
2022-23

Name and Signatures

<p>Chairperson /H.O.D</p> <p>University Nominee</p> <p>Subject Expert</p> <p>Subject Expert</p> <p>Representative from Industry/entrepreneur</p> <p>Student representative</p> <p>Other Prof. from Science faculty</p>	<p>Departmental members</p> <p>1. 2. 3. 4. 5. 6. 7. 8.</p>
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