

**Lecture Schedule for FRM-112 (Taxonomy of Shellfish)**

**Credit – 2(1+1)**

| <b>Sl. No.</b>                                      | <b>Topic</b>                                                                                              | <b>No. of classes</b> |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Theory</b>                                       |                                                                                                           |                       |
| 1                                                   | Study of external morphology and meristic characteristics of crustacean                                   | 3                     |
| 2                                                   | Study of external morphology and meristic characteristics of mollusca                                     | 3                     |
| 3                                                   | Classification of crustacean up to the level of species with examples of commercially important species   | 2                     |
| 4                                                   | Classification of mollusca up to the level of species with examples of commercially important species     | 2                     |
| 5                                                   | Commercially important freshwater and marine shellfishes of India and their morphological characteristics | 4                     |
| 6                                                   | Modern taxonomic tools in shellfish                                                                       | 2                     |
| <b>Practical</b>                                    |                                                                                                           |                       |
| 1                                                   | Study of external morphology of prawn                                                                     | 1                     |
| 2                                                   | Study of external morphology of crab                                                                      | 1                     |
| 3                                                   | Study of external morphology of lobster                                                                   | 1                     |
| 4                                                   | Study of external morphology of bivalves                                                                  | 1                     |
| 5                                                   | Study of external morphology of gastropod                                                                 | 1                     |
| 6                                                   | Study of external morphology of squid                                                                     | 1                     |
| 7                                                   | Study of external morphology of cuttle fish                                                               | 1                     |
| 8                                                   | Collection, preservation and identification of commercially important prawns and shrimps,                 | 2                     |
| 9                                                   | Collection, preservation and identification of commercially important crabs from natural habitats         | 1                     |
| 10                                                  | Collection, preservation and identification of commercially important lobsters from natural habitats      | 1                     |
| 11                                                  | Collection, preservation and identification of commercially important bivalves from natural habitats      | 1                     |
| 12                                                  | Collection, preservation and identification of commercially important gastropods from natural habitats    | 2                     |
| 13                                                  | Collection, preservation and identification of commercially important cephalopods from natural habitats   | 1                     |
| 14                                                  | Field visits for collection and study of commercially important shellfishes                               | 1                     |
| <b>Total number of classes (Theory + Practical)</b> |                                                                                                           | <b>32</b>             |

**Anjali Pushp**

**Course Teacher**

