



Royal School of Life Sciences (RSLSC)

Department Of Forestry

Course Structure & Syllabus  
(Based on NEP-2020)

M.Sc. Forestry  
(2-year Course)

W.E.F.  
AY-2025-26

## STRUCTURE OF THE SYLLABUS FOR 2 YEAR PG PROGRAMME

**SCHOOL NAME**                -RSLSC

**DEPARTMENT NAME**     -FORESTRY

**PROGRAMME NAME**      -M.Sc. FORESTRY

| <b>1<sup>st</sup> SEMESTER</b>  |   |              |               |              |
|---|---|--------------|---------------|--------------|
| <b>COURSE CODE</b>  | <b>COURSE TITLE</b>   | <b>LEVEL</b> | <b>CREDIT</b> | <b>L-T-P</b> |
| FOR144C101  | Forest Ecology and Biodiversity Conservation  | 400          | 4             | 4-0-0        |
| FOR144C102  | Principles of Silviculture  | 400          | 4             | 4-0-0        |
| FOR144C103  | Forest Resources and Economics  | 400          | 4             | 4-0-0        |
| FOR144C104  | Forest Biometry   | 400          | 4             | 4-0-0        |
| FOR144C115  | Practical I-Forest Ecology and Environmental Assessment   | 400          | 4             | 0-0-4        |
| FOR144C116  | Practical II- Forest Management, Silviculture, and Tree Measurement   | 400          | 4             | 0-0-4        |
| *MOOCs  | *MOOCs/online course will be identified by the dept. from the list of courses available on the MOOC online platform/SYAWAM portal | 400          | 4             |              |
| <b>TOTAL CREDIT FOR 1<sup>st</sup> SEMESTER</b>   |   |              | <b>28</b>     |              |
| <b>2<sup>nd</sup> SEMESTER</b>  |   |              |               |              |
| <b>COURSE CODE</b>  | <b>COURSE TITLE</b>   | <b>LEVEL</b> | <b>CREDIT</b> | <b>L-T-P</b> |
| FOR144C201  | Silviculture II   | 500          | 4             | 4-0-0        |
| FOR144C202  | Climate Change and Forestry   | 500          | 4             | 4-0-0        |
| FOR144C203  | Seed and Nursery Technology   | 500          | 4             | 4-0-0        |
| FOR144C204  | Forest Management   | 500          | 4             | 4-0-0        |
| *MOOCs  | *MOOCs/online course will be identified by the dept. from the list of courses available on the MOOC online platform/SYAWAM portal | 500          | 4             |              |
| <b>TOTAL CREDIT FOR 2<sup>nd</sup> SEMESTER</b>   |   |              | <b>20</b>     |              |
| <b>TOTAL CREDIT FOR 1<sup>st</sup> YEAR = 48</b>  |   |              |               |              |
| <b>For students with 3<sup>rd</sup> and 4<sup>th</sup> Semester Coursework + Research</b> |   |              |               |              |
| <b>3<sup>rd</sup> SEMESTER</b>  |   |              |               |              |
| <b>COURSE CODE</b>  | <b>COURSE TITLE</b>   | <b>LEVEL</b> | <b>CREDIT</b> | <b>L-T-P</b> |
| FOR144C301  | Forest Systematics and Ethnobiology   | 500          | 3             | 2-0-1        |
| FOR144C302  | Agroforestry Principles and Systems   | 500          | 3             | 2-0-1        |
| FOR144C313  | Practical III-Practical Techniques in Biodiversity and Climate Change Assessment  | 500          | 3             | 0-0-3        |
| FOR144C314  | Practical IV-Agroforestry Systems and Sustainable Land Management   | 500          | 3             | 0-0-3        |
|   | <b>Dissertation (students with research in 3<sup>rd</sup> Sem) (Minor Project)</b>  | 500          | 8             | 0-0-8        |
| <b>TOTAL CREDIT FOR 3<sup>rd</sup> SEMESTER</b>   |   |              | <b>20</b>     |              |
| <b>4<sup>th</sup> SEMESTER</b>  |   |              |               |              |
| <b>COURSE CODE</b>  | <b>COURSE TITLE</b>   | <b>LEVEL</b> | <b>CREDIT</b> | <b>L-T-P</b> |
|   | <b>Dissertation (students with research in 4<sup>th</sup> Sem) (Major Project)</b>  | 500          | 12            | 0-0-12       |

|  |  |     |           |       |
|--|--|-----|-----------|-------|
| FOR144C401                                       | Forest Policy, Law and International Conventions | 500 | 4         | 4-0-0 |
| FOR144C402                                       | Remote Sensing and Geographic Information System | 500 | 4         | 2-0-2 |
|  | <b>TOTAL CREDIT FOR 4<sup>th</sup> SEMESTER</b>  |     | <b>20</b> |       |
|  |  |     |           |       |
| <b>TOTAL CREDIT FOR 2<sup>nd</sup> YEAR = 40</b> |  |     |           |       |