



List of Courses which focuses on Professional Ethics, Gender, Human Values, Environment & Sustainability and other value framework

Department : Forestry, Wildlife and Environmental Sciences

Programme Name : B. S c(Forestry)

Academic Year : 2024-25

Courses which focuses on Professional Ethics, Gender, Human Values, Environment & Sustainability and other value framework:

| Sr. No. | Course Code | Name of the Course |
|---------|-----------------------|--|
| 1 | UFOAMJT1/ UFOAMJP1 | Silviculture |
| 2 | UFOBMJT1/ UFOBMJT1 | Fundamentals of Soil Science |
| 3 | UFOCMJT1/ UFOCMJP1 | Forest Mensuration |
| 4 | UFOCMJT2/ UFOCMJP2 | Forest Genetics and Tree Improvement |
| 5 | UFODMJT1/ UFODMJP1 | Tree Seed and Nursery Technology |
| 6 | UFODMJT2/ UFODMJP2 | Forest Management |
| 7 | UFODMJT3/ UFODMJP3 | Forest Ecology and Ecosystem Analysis |
| 8 | UFOEMJT1/ UFOEMJP1 | Application of RS & GIS in Forest and Watershed Management |
| 9 | UFOEMJT2/ UFOEMJP2 | Wood Science and Technology |
| 10 | UFOEMJT3/ UFOEMJP3 | Forest Resource Management and Economics |
| 11 | UFOFMJT1/ UFOFMJP1 | Forest Pathology and Entomology |
| 12 | UFOEMJT2/ UFOEMJP2 | Agroforestry Management |



| | | |
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| 13 | UFOFMJT3/ UFOFMJP3 | Forest Products and utilization |
| 14 | UFOGMJT1/ UFOGMJP1 | World Forestry and Community Development |
| 15 | UFOGMJT2/ UFOGMJP2 | Forest Policies, Acts and Legislation |
| 16 | UFOGMOC1 | Wildlife and its conservation /MOOC |
| 17 | UFOHMJT1/ UFOHMJP1 | Biostatistics and Research Methodology |
| 18 | UFOHMJT2/ UFOHMJP2 | Forest based Entrepreneurship Development |
| 19 | UFOHRPDSSS1 | Research Project/Dissertation |
| 20 | UFOGSMNR | Seminar (Compulsory) |
| 21 | | Seminar |

MINOR

| Sr. No. | Course Code | Name of the Course |
|---------|----------------------------------|-------------------------------|
| 1 | Course | Course Code |
| 2 | MINOR-1 UFOAMNT1/ UFOAMNP1 | Introduction to Wildlife |
| 3 | MINOR-2 UFOEMNT1/ UFOEMNP1 | Earth Care Policy |
| 4 | MINOR-3 UFOFMNT1/UFO FMNP1 | Commercial Nursery Production |
| 5 | MINOR-4 UFOGMNT1/ UFOGMNP1 | Value addition of NTFP |
| 6 | MINOR-5 UFOHMNT1/ UFOHMNP1 | Urban Forestry and Designing |
| 7 | MINOR-6 UFOHMNT2/ UFOHMNP2 | Ecotourism |

Skill Enhancement Courses

| Sr. No. | Course Code | Name of the Course |
|---------|-------------|--------------------|
| 1 | UFOASCT1/ | Nursery Technology |



| | | |
|---|-----------------------|--------------------------|
| | UFOASCP1 | |
| 2 | UFOBSCT1/ UFOBSCP1 | Wildlife Biology |
| 3 | UFOCSCT1/ UFOCSCP1 | Afforestation Techniques |

Value added Courses

| Sr. No. | Course Code | Name of the Course |
|---------|-------------|-------------------------|
| 1 | UFOVACT1 | Environmental Education |

Multidisciplinary course

| Sr. No. | Course Code | Name of the Course |
|---------|-------------|---------------------------------|
| 1 | UFOAMDT1 | Know Your Forest |
| 2 | UFOBMDT1 | Introduction to Indian wildlife |
| 3 | UFOCMDT1 | Plantation Forestry |

MOOC COURSES

| Sr. No. | Course Code | Name of the Course |
|---------|-------------|-------------------------------------|
| 1 | UFOGMOC1 | Wildlife and its Conservation /MOOC |

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(केन्द्रीय विश्वविद्यालय अधिनियम 2009 क्र. 25 के अंतर्गत स्थापित केन्द्रीय विश्वविद्यालय)
कोनी, बिलासपुर - 495009 (छ.ग.)



Guru Ghasidas Vishwavidyalaya
(A Central University Established by the Central Universities Act 2009 No. 25 of 2009)
Koni, Bilaspur - 495009 (C.G.)

Scheme and Syllabus

Curriculum and Credit Framework- NEP 2020

FOR

B.Sc. FORESTRY

(w.e.f. Academic session:2025-26)



“SCHOOL OF STUDIES OF NATURAL RESOURCES”

DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA

(A Central University established by the Central University Act.2009 No. 25 of 2009)

BILASPUR-495009, CHHATTISGARH

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Course Structure and Credit Distribution
B.Sc. Forestry
(4 Year Course)

| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|----------|---|-------------|--------------------------------|--------|-----------|-----------|
| I | Major-01 | UFOAMJT1 | Silviculture | 3 | 3 | 100 |
| | Major-01 Practical | UFOAMJP1 | Silviculture | 1 | 2 | 100 |
| | Minor-01 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor-01 Practical | | | 1 | 2 | 100 |
| | Multidisciplinary-01 | | Drawn From the University pool | 3 | 3 | 100 |
| | Ability Enhancement Course (AEC-01) | | Drawn from the University Pool | 2 | 2 | 100 |
| | Skill Enhancement Course (SEC-01) | | Drawn From the University pool | 3 | 3 | 100 |
| | Value added course-01 | | Drawn From the University pool | 2 | 2 | 100 |
| | Value added course-02 | | Drawn From the University pool | 2 | 2 | 100 |
| | TOTAL | | | | 20 | 22 |
| II | Major -02 | UFOBMT1 | Fundamentals of Soil Science | 3 | 3 | 100 |
| | Major -02 Practical | UFOBMP1 | Fundamentals of Soil Science | 1 | 2 | 100 |
| | VOC -01 | | Drawn From the University pool | 1 | 1 | 100 |
| | VOC -01 Practical | | | 3 | 6 | 100 |
| | Multidisciplinary-02 | | Drawn From the University pool | 3 | 3 | 100 |
| | Ability Enhancement Compulsory (AEC-02) | | Drawn from the university pool | 2 | 2 | 100 |
| | Skill Enhancement Course (SEC-02) | | Drawn From the University pool | 3 | 3 | 100 |
| | Value added course-03 | | Drawn From the University pool | 2 | 2 | 100 |
| | Value added course-04 | | Drawn From the University pool | 2 | 2 | 100 |

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| TOTAL | | | | | | | |
|------------------------|--|-------------|---------------------------------------|----------------------------------|-----------|-----------|------------|
| | | | | 20 | 24 | 900 | |
| | Summer Internship for two weeks (Compulsory for 1 Year Certificate course) | | | 4 | | 100 | |
| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks | |
| III | Major -03 | UFOCMJT1 | Forest Mensuration | 3 | 3 | 100 | |
| | Major -03 Practical | UFOCMJP1 | Forest Mensuration | 1 | 2 | 100 | |
| | Major -04 | UFOCMJT2 | Forest Genetics and Tree Improvement | 3 | 3 | 100 | |
| | Major -04 Practical | UFOCMJP2 | Forest Genetics and Tree Improvement | 1 | 2 | 100 | |
| | VOC -02 | | Drawn From the University pool | 1 | 1 | 100 | |
| | VOC -02 Practical | | | 3 | 6 | 100 | |
| | Multidisciplinary-03 Ability Enhancement Course (AEC-03) | | Drawn From the University pool | 3 | 3 | 100 | |
| | Skill Enhancement Course (SEC-03) | | Drawn From the University Pool | 2 | 2 | 100 | |
| | | | Drawn From the University Pool | 3 | 3 | 100 | |
| | Total | | | | 20 | 25 | 900 |
| | IV | Major -05 | UFODMJT1 | Tree Seed and Nursery Technology | 4 | 4 | 100 |
| Major -05 Practical | | UFODMJP1 | Tree Seed and Nursery Technology | 1 | 2 | 100 | |
| Major -06 | | UFODMJT2 | Forest Management | 4 | 4 | 100 | |
| Major -06 Practical | | UFODMJP2 | Forest Management | 1 | 2 | 100 | |
| Major -07 | | UFODMJT3 | Forest Ecology and Ecosystem Analysis | 3 | 3 | 100 | |
| Major -07 Practical | | UFODMJP3 | Forest Ecology and Ecosystem Analysis | 1 | 2 | 100 | |
| VOC -03 | | | Drawn From the University Pool | 1 | 1 | 100 | |
| VOC -03 Practical | | | | 3 | 6 | 100 | |

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|----|---|--------------|--|-----------|-----------|------------|
| | Ability Enhancement Course (AEC-04) | | Drawn From the University Pool | 2 | 2 | 100 |
| | Total | | | 20 | 26 | 900 |
| | Summer Internship (Compulsory for 2 Year Diploma course) | | | 4 | | 100 |
| V | Major -08 | UFOEMJT1 | Application of RS & GIS in Natural Resource Management | 4 | 4 | 100 |
| | Major -08 Practical | UFOEMJP1 | Application of RS & GIS in Natural Resource Management | 1 | 2 | 100 |
| | Major -09 | UFOEMJT2 | Wood Science and Technology | 4 | 4 | 100 |
| | Major -09 Practical | UFOEMJP2 | Wood Science and Technology | 1 | 2 | 100 |
| | Major -10 | UFOEMJT3 | Forest Resource Economics & Management | 4 | 4 | 100 |
| | Major -10 Practical | UFOEMJP3 | Forest Resource Economics & Management | 1 | 2 | 100 |
| | Minor- 02 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor - 02 Practical | | | 1 | 2 | 100 |
| | Winter Internship | UFOEINT1 | Compulsory for the two weeks | 2 | - | 100 |
| | | Total | | | 21 | 23+ |
| VI | Major -11 | UFOFMJT1 | Forest Pathology and Entomology | 4 | 4 | 100 |
| | Major -11 Practical | UFOFMJP1 | Forest Pathology and Entomology | 1 | 2 | 100 |
| | Major -12 | UFOEMJT2 | Agroforestry Management | 4 | 4 | 100 |
| | Major -12 Practical | UFOFMJP2 | Agroforestry Management | 1 | 2 | 100 |
| | Major -13 | UFOFMJT3 | Forest Products and utilization | 4 | 4 | 100 |
| | Major -13 Practical | UFOFMJP3 | Forest Products and utilization | 1 | 2 | 100 |
| | Minor- 03 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor- 03 Practical | | | 1 | 2 | 100 |

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| | | TOTAL | | 19 | 23 | 800 |
|--|------------------------|--------------|---|-----------|-----------|------------|
| VII | Major -14 | UFOGMJT1 | World Forestry and Community Development | 4 | 4 | 100 |
| | Major -14 Practical | UFOGMJP1 | World Forestry and Community Development | 1 | 2 | 100 |
| | Major -15 | UFOGMJT2 | Forest Policies, Acts and Legislation | 4 | 4 | 100 |
| | Major -15 Practical | UFOGMJP2 | Forest Policies, Acts and Legislation | 1 | 2 | 100 |
| | MOOC -1 | UFOGMOCI | Wildlife and its conservation /MOOC | 4 | 4 | 100 |
| | Minor- 04 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor- 04 Practical | | | 1 | 2 | 100 |
| | Seminar | UFOGSMNR | Seminar (Compulsory) | 1 | 4 | |
| | | TOTAL | | 19 | 25 | 700 |
| VIII (4 Year Honours course) | Major -16 | UFOHMJT1 | Biostatistics and Research Methodology | 4 | 4 | 100 |
| | Major -16 Practical | UFOHMJP1 | Biostatistics and Research Methodology | 1 | 2 | 100 |
| | Major -17 | UFOHMJT2 | Forest based Entrepreneurship Development | 4 | 4 | 100 |
| | Major -17 Practical | UFOHMJP2 | Forest based Entrepreneurship Development | 1 | 2 | 100 |
| | Minor- 05 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor- 05 Practical | | | 1 | 2 | 100 |
| | Minor- 06 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor- 06 Practical | | | 1 | 2 | 100 |
| | Seminar | | Seminar | 3 | 3 | 100 |
| | | | Total | | 21 | |

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|---|--------------------------------------|-------------|---|-----------|------------|------------|
| VIII (4 Year Honours with Research) | Major -16 | UFOHMJT1 | Biostatistics and Research Methodology | 4 | 4 | 100 |
| | Major -16 Practical | UFOHMJP1 | Biostatistics and Research Methodology | 1 | 2 | 100 |
| | Minor- 05 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor- 05 Practical | | | 1 | 2 | 100 |
| | Research Project/Dissert ation | UFOHRPDSSSI | Research Project/Dissertation | 12 | - | 100 |
| Total | | | | 21 | | 500 |
| GRAND TOTAL CREDITS | | | | | 160 | |

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|--|---|--|--------------------------------|-----------|-----------|------------|
| | Skill Enhancement Course (SEC-02) | | Drawn From the University pool | 3 | 3 | 100 |
| | Value added course-03 | | Drawn From the University pool | 2 | 2 | 100 |
| | Value added course-04 | | Drawn From the University pool | 2 | 2 | 100 |
| | TOTAL | | | 20 | 22 | 900 |
| | Summer Internship (Compulsory for 1 Year Certificate course) | | | 4 | | 100 |

| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|----------|-------------------------------------|--------------|---------------------------------------|--------|-----------|-----------|
| III | Major -03 | FOUCL1 | Forest Biometry | 3 | 3 | 100 |
| | Major -03 Practical | FOUCTP1 | Forest Biometry | 1 | 2 | 100 |
| | Major -04 | FOUCL2 | Forest Genetics and Tree Improvement | 3 | 3 | 100 |
| | Major -04 Practical | FOUCTP2 | Forest Genetics and Tree Improvement | 1 | 2 | 100 |
| | Minor -03 | | Drawn From the University pool | 3 | 3 | 100 |
| | Minor -03 Practical | | | 1 | 2 | 100 |
| | Multidisciplinary-03 | | Drawn From the University pool | 3 | 3 | 100 |
| | Ability Enhancement Course (AEC-03) | | Drawn From the University Pool | 2 | 2 | 100 |
| | Skill Enhancement Course (SEC-03) | | Drawn From the University Pool | 3 | 3 | 100 |
| | | Total | | | 20 | 23 |
| IV | Major -05 | FOUDTL1 | Tree Seed and Nursery Technology | 4 | 4 | 100 |
| | Major -05 Practical | FOUDTP1 | Tree Seed and Nursery Technology | 1 | 2 | 100 |
| | Major -06 | FOUDTL2 | Forest Management | 4 | 4 | 100 |
| | Major -06 Practical | FOUDTP2 | Forest Management | 1 | 2 | 100 |
| | Major -07 | FOUDTL3 | Forest Ecology and Ecosystem Analysis | 3 | 3 | 100 |



Minor Courses offered by Department of Forestry Wildlife and Environmental Sciences

| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|----------|---------------------|-------------|-------------------------------|--------|-----------|-------|
| I | MINOR-1 | UFOAMNT1 | Introduction to Wildlife | 3 | 5 | 100 |
| | MINOR-1 (Practical) | UFOAMNP1 | Introduction to Wildlife | 1 | | 100 |
| V | MINOR-2 | UFOEMNT1 | Earth Care Policy | 3 | 5 | 100 |
| | MINOR-2 (Practical) | UFOEMNP1 | Earth Care Policy | 1 | | 100 |
| VI | MINOR-3 | UFOFMNT1 | Commercial Nursery Production | 3 | 5 | 100 |
| | MINOR-3 (Practical) | UFOFMNP1 | Commercial Nursery Production | 1 | | 100 |
| VII | MINOR-4 | UFOGMNT1 | Value addition of NTFP | 3 | 5 | 100 |
| | MINOR-4 (Practical) | UFOGMNP1 | Value addition of NTFP | 1 | | 100 |
| VIII | MINOR-5 | UFOHMT1 | Urban Forestry and Designing | 3 | 5 | 100 |
| | MINOR-5 (Practical) | UFOHMNP1 | Urban Forestry and Designing | 1 | | 100 |
| | MINOR-6 | UFOHMT2 | Ecotourism | 3 | 5 | 100 |
| | MINOR-6 (Practical) | UFOHMNP2 | Ecotourism | 1 | | 100 |

Vocational Courses offered by Department of Forestry Wildlife and Environmental Sciences

| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|----------|-------------------|-------------|-----------------------------------|--------|-----------|-------|
| II | VOC-1 | UFOBVCT1 | Nursery and Plantation Technology | 1 | 1 | 100 |
| | VOC-1 (Practical) | UFOBVCPI | Nursery and Plantation Technology | 3 | 6 | 100 |
| III | VOC-2 | UFOCVCT1 | Environmental audit | 1 | 1 | 100 |
| | VOC-2 (Practical) | UFOCVCP1 | Environmental audit | 3 | 6 | 100 |
| IV | VOC-3 | UFODVCT1 | Industrial Plantation | 1 | 1 | 100 |
| | VOC-3 (Practical) | UFODVCP1 | Industrial Plantation | 3 | 6 | 100 |

Multidisciplinary Courses offered by Department of Forestry Wildlife and Environmental Sciences

| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|----------|---------|-------------|---------------------------------|--------|-----------|-------|
| I | MULT-01 | UFOAMDT1 | Know Your Forest | 3 | 3 | 100 |
| II | MULT-02 | UFOBMDT1 | Introduction to Indian wildlife | 3 | 3 | 100 |
| III | MULT-03 | UFOCMDT1 | Plantation Forestry | 3 | 3 | 100 |

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Skill Enhancement Courses offered by Department of Forestry Wildlife and Environmental Sciences

| Sl. No. | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|---------|--------------------|-------------|--------------------------|--------|-----------|-------|
| I | SEC-01 | UFOASCT1 | Nursery Technology | 2 | 4 | 100 |
| | SEC-01 (Practical) | UFOASCP1 | Nursery Technology | 1 | | 100 |
| II | SEC-02 | UFOBSCT1 | Wildlife Biology | 2 | 4 | 100 |
| | SEC-02 (Practical) | UFOBSCP1 | Wildlife Biology | 1 | | 100 |
| III | SEC-03 | UFOCSCT1 | Afforestation Techniques | 2 | 4 | 100 |
| | SEC-03 (Practical) | UFOCSCP1 | Afforestation Techniques | 1 | | 100 |

Value Added Courses offered by Department of Forestry Wildlife and Environmental Sciences

| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|----------|--------|-------------|-------------------------|--------|-----------|-------|
| I/II | VAC-01 | UFOVACT1 | Environmental Education | 2 | 2 | 100 |

As per university instruction environmental education subject will be taught to the different student of the university.

MOOC Course offered by the different online platform.

| Semester | Course | Course Code | Name of the course | Credit | Hour/week | Marks |
|----------|--------|-------------|-------------------------------------|--------|-----------|-------|
| VII | MOOC | UFOGMOCI | Wildlife and its Conservation /MOOC | 4 | 4 | 100 |

As per university instruction online/offline MOOC subject will be taught to the student if not available on online platform.

Graduates Attributes

Graduates Attributes (GAs) are measurable outcomes that signify the capabilities and potentials of the graduate to attain accomplishment and perform in adequate manner at appropriate situations. Following are the Graduate Attributes of B. Sc. Forestry which are given as below:

PO1. Acquaintance with the subject knowledge: Gain in-depth knowledge and understandings of each discipline or professional area across boundaries of nations with an aptitude to identify, access, analyze and synthesize existing and new knowledge, and integrate them for enrichment of knowledge.

PO2. Analytical ability: ability to analyze and address multifaceted scientific issues to forestry, wildlife and environmental sciences; pertain and take independent decision for synchronizing information to formulate innovative and intellectual advances towards focused research over theoretical and different domains of forestry and allied sciences.

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Department : Department of Forestry, Wildlife and Environmental Sciences

Programme Name : M.Sc. (Forestry and Environmental Sciences)

Academic Year : 2024-25

List of Courses Focus on Ethics, Gender, Human Values, Environment & sustainability and other value framework enshrined in Sustainable Development goals and National Education Policy-2020

| | | |
|-----|---------------------|--|
| 1. | PGFOAT1/ PGFOAP1 | Advances in Silviculture |
| 2. | PGFOAT2/ PGFOAP2 | Forest Management |
| 3. | PGFOAT3/ PGFOAP3 | Forest Biometry, Surveying & Engineering |
| | PGFOAT4/ PGFOAP4 | Forest Soil and Watershed Management |
| 4. | PGFOAOT/ PGFOAOT | Essentials of Environmental Sciences |
| 5. | PGFOBT1/ PGFOBP1 | Remote Sensing & GIS |
| 6. | PGFOBT2/ PGFOBP2 | Advances in Agro-Forestry |
| 7. | PGFOBT3/ PGFOBP3 | Forest Product & Utilization |
| 8. | PGFOBT4/ PGFOBP4 | Climate smart forestry and forest policy |
| 9. | PGFOBT5/ PGFOBP5 | Wildlife and its Conservation/ MOOCs |
| 10. | PGFOBT6/ PGFOBP6 | Forest Genetics and tree improvement |
| 11. | PGINTBI | Summer internship (Two weeks) |
| 12. | PGFOCT1/ PGFOCP1 | Wood Science and Technology |
| 13. | PGFOCT2/ PGFOCP2 | Forest Protection |
| 14. | PGFOCT3/ PGFOCP3 | Forest Ecology and Biodiversity Conservation |
| 15. | PGFOCT4/ PGFOCP4 | Industrial Safety, EIA and Environmental Audit |

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| 16. | PGFOCT5/ PGFOCP5 | Forest Statistics and Research Methodology |
| 17. | PGFODD1 | Dissertation |

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Curriculum and Credit Framework

FOR

M.Sc. FORESTRY & ENVIRONMENTAL SCIENCE

(CBCS)

(w.e.f. Academic session:2025-26)



“SCHOOL OF STUDIES OF NATURAL RESOURCES”

DEPARTMENT OF FORESTRY, WILDLIFE & ENVIRONMENTAL SCIENCES

GURU GHASIDAS VISHWAVIDYALAYA

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Course Structure
M.Sc. Forestry and Environmental Science (2 -Years / 4- Semester)
(CBCS)

| Semester | Course Opted | Course Code | Name of the Course | Credit | Hours/week | Marks |
|----------------------|--------------------|-------------|--|-----------|------------|-------------|
| I st SEM | Core-01 | PGFOAT1 | Advances in Silviculture | 3 | 3 | 100 |
| | Core-01 Practical | PGFOAP1 | Advances in Silviculture | 1 | 3 | 100 |
| | Core -02 | PGFOAT2 | Forest Management | 3 | 3 | 100 |
| | Core -02 Practical | PGFOAP2 | Forest Management | 1 | 3 | 100 |
| | Core-03 | PGFOAT3 | Forest Biometry, Surveying & Engineering | 3 | 3 | 100 |
| | Core-03 Practical | PGFOAP3 | Forest Biometry, Surveying & Engineering | 1 | 3 | 100 |
| | Core -04 | PGFOAT4 | Forest Soil and Watershed Management | 3 | 3 | 100 |
| | Core -04 Practical | PGFOAP4 | Forest Soil and Watershed Management | 1 | 3 | 100 |
| | OE-01 | PGFOAOT | Essentials of Environmental Sciences | 3 | 3 | 100 |
| | OE-01 Practical | PGFOAOP | Essentials of Environmental Sciences | 2 | 3 | 100 |
| TOTAL | | | | 21 | 30 | 1000 |
| II st SEM | Core -05 | PGFOBT1 | Remote Sensing and GIS | 3 | 3 | 100 |
| | Core -05 Practical | PGFOBP1 | Remote Sensing and GIS | 1 | 3 | 100 |
| | Core -06 | PGFOBT2 | Advances in Agroforestry | 3 | 3 | 100 |
| | Core -06 Practical | PGFOBP2 | Advances in Agroforestry | 1 | 3 | 100 |
| | Core-07 | PGFOBT3 | Forest Products & Utilization | 3 | 3 | 100 |
| | Core-07 Practical | PGFOBP3 | Forest Products & Utilization | 1 | 3 | 100 |
| | Core -08 | PGFOBT4 | Climate Smart Forestry and Forest Policy | 3 | 3 | 100 |
| | Core -08 Practical | PGFOBP4 | Climate Smart Forestry and Forest Policy | 1 | 3 | 100 |
| | Core -9 | PGFOBT5 | Wildlife and its Conservation/MOOCs | 3 | 3 | 100 |

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|-----------------------------|-----------------------|---------|--|-------------------|------------|-------------|
| | Core -9 Practical | PGFOBP5 | Wildlife and its Conservation/MOCS | 1 | 3 | 100 |
| | Core -10 | PGFOBT6 | Forest Genetics and Tree improvement | 3 | 3 | 100 |
| | Core -10 Practical | PGFOBP | Forest Genetics and Tree improvement | 1 | 3 | 100 |
| | Internship | PGINTBI | Summer Internship (Two weeks) | Non-credit | | |
| | TOTAL | | | 24 | 36 | 1200 |
| IIIrd SEM | Core 11 | PGFOCT1 | Wood Science and Technology | 3 | 3 | 100 |
| | Core 11 Practical | PGFOCP1 | Wood Science and Technology | 1 | 3 | 100 |
| | Core-12 | PGFOCT2 | Forest Protection | 3 | 3 | 100 |
| | Core-12 Practical | PGFOCP2 | Forest Protection | 1 | 3 | 100 |
| | Core 13 | PGFOCT3 | Forest Ecology and Biodiversity Conservation | 3 | 3 | 100 |
| | Core-13 Practical | PGFOCP3 | Forest Ecology and Biodiversity Conservation | 1 | 3 | 100 |
| | Core 14 | PGFOCT4 | Industrial Safety, EIA and Environmental audit | 3 | 3 | 100 |
| | Core-14 Practical | PGFOCP4 | Industrial Safety, EIA and Environmental audit | 1 | 3 | 100 |
| | Core -15 | PGFOCT5 | Forest Statistics and Research Methodology | 3 | 3 | 100 |
| | Core -15 Practical | PGFOCP5 | Forest Statistics and Research Methodology | 1 | 3 | 100 |
| | TOTAL | | | 20 | 30 | 1000 |
| IVth SEM | | PGFODD1 | Dissertation | 19 | 36 | 400 |
| | Grand total | | | 84 | 132 | 3600 |

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