

KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN, KARNAL

Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher – Dr. Nadia Chowhan

Class – B.Sc. III Life Sciences

Subject – Botany

Paper – Economic Botany and Plant Biotechnology (B23-BOT-501)

July, 2025 4th Week 22 July – 23 July	Introduction to Syllabus and Scheme of Examination Suggested Books Discussion about Internship Programs Pursued by Them, Things Learnt and Report Preparation Timetable of the Current Semester
27 July, 2025	Sunday
5th Week 28 July – 30 July	Introduction to Economic Botany and Importance Food Plants- Cereals Origin, Distribution, Botanical description, Cultivation and Uses of Rice, Wheat and Maize
31 July	Shaheed Udham Singh Martyrdom Day

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Class – B.Sc. III Life Sciences

Subject – Botany

Paper – Economic Botany and Plant Biotechnology (B23-BOT-501)

3 Aug, 2025	Sunday
1 st Week 4 Aug – 6 Aug	Food Plants- Pulses Origin, Distribution, Botanical description, Cultivation and Uses of Gram, Arhar and Pea
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
2 nd Week 11 Aug - 13 Aug	Food Plants- Vegetables Origin, Distribution, Botanical description, Cultivation and Uses of Potato, Tomato and Onion
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janamashtmi Sunday
3 rd Week 18 Aug - 20 Aug	Fibre yielding Plants Origin, Distribution, Botanical description, Cultivation and Uses of Cotton, Jute and Flax
24 Aug, 2025	Sunday
4 th Week 25 Aug - 27 Aug	Oil yielding Plants Origin, Distribution, Botanical description, Cultivation and Uses of Groundnut, Mustard and Coconut
31 Aug, 2025	Sunday

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Subject – Botany

Paper – Economic Botany and Plant Biotechnology (B23-BOT-501)

September, 2025 1 st Week 1 Sept – 3 Sept	Important Spices Morphology of Plant Part Used, Brief idea of Cultivation and Uses of Coriander, Ferula, Ginger, Turmeric and Cloves
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 10 Sept	Medicinal Plants Origin, Distribution, Brief Botanical description & Cultivation, Morphology of Plant Part Used, Chemical Constituents and Uses of Cinchona, Rauwolfia, Atropa, Opium, Cannabis and Neem
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 17 Sept	Origin & Spread, Climate & Soil, Botanical description, Cultivation, Processing and Uses of: Beverages- Tea and Coffee
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept	Concept, History, Scope and Applications of Plant Biotechnology: Micropropagation, Androgenesis, Virus Elimination, Secondary Metabolite Production
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Requirements/ Set up of Plant Tissue Culture Laboratory: Aseptic Techniques, Washing, Drying and Sterilization of Glassware, Sterilization of Media, Surface Sterilization Various Aspects of Plant Tissue Culture- Cellular Totipotency Differentiation & Organogenesis, Somatic Embryogenesis, Protoplast Culture and Cryopreservation

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Paper – Economic Botany and Plant Biotechnology (B23-BOT-501)

October, 2025 1 st Week 1 Oct	Culture Media: Nutritional Requirements for Plant Tissue Culture; Role of Different Media Components, Plant Growth Regulators; Different Culture Media viz. Preparation of MS Culture Media
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct & 8 Oct	In vitro methods in Plant Tissue Culture: Explants, their Cellular Characteristics, Dedifferentiation and Redifferentiation Micropropagation/Clonal Propagation of Elite Species (different routes of Multiplication- Axillary Bud Proliferation, Somatic Embryogenesis, Organogenesis), Synthetic Seeds (a brief account) Callus and Suspension Culture Techniques: Introduction, Principle, Methodology and Applications
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 15 Oct	Restriction Endonucleases: Types and Role Genetic Engineering in Plants: Introduction, Plant Transformation by <i>Agrobacterium tumefaciens</i> and <i>A. rhizogenes</i> Strategies for Gene Transfer to Plant Cells Binary and Co-integrate Vectors Brief Idea About Cloning Vectors: Ti Plasmid, BAC, Lambda Phage, Cosmid, Shuttle Vector, Eukaryotic Vectors (YAC)
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 29 Oct	Direct DNA Transfer/ Physical Methods of Gene Transfer in Plants- Microprojectile Bombardment, Electroporation, Liposome Mediated, Calcium Phosphate Mediated, etc.

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Name of the Teacher – Dr. Nadia Chowhan

Class – B.Sc. III Life Sciences

Subject – Botany

Paper – Economic Botany and Plant Biotechnology (B23-BOT-501)

November, 2025 1st Week 1 Nov, 2025 2 Nov, 2025	Haryana Day Sunday
2nd Week 3 Nov - 5 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3rd Week 10 Nov - 12 Nov	Origin & Spread, Climate & Soil, Botanical description, Cultivation, Processing and Uses of: Rubber and Sugarcane
16 Nov, 2025	Sunday
4th Week 17 Nov - 19 Nov	General Account and Types of Wood Seasoning of Wood Sources of Timber Energy Plantation and Bio-fuels
23 Nov, 2025	Sunday
5th Week 24 November, 2025 Onwards	University Examinations

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher –Dr. Nadia Chowhan and Dr. Seema Sharma

Class- BSc. II Life Science

Subject: Botany SEC

Paper: - Olericulture (B23-SEC-306)

July, 2025 4th Week 22 July	Discussion of Syllabus Exam Pattern and marking scheme. Introduction of Olericulture
27 July, 2025	Sunday
5th Week 28 July – 29 July	Importance of vegetable cultivation in India. Importance of vegetable cultivation in Haryana
31 July	Shaheed Udham Singh Martyrdom Day

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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher – Dr. Nadia Chowhan and Dr. Seema Sharma

Class- BSc. II Life Science

Subject: Botany SEC

Paper: - Olericulture (B23-SEC-306)

3 Aug, 2025	Sunday
1 st Week 4 Aug – 5 Aug	Export and Import Potential of Vegetables in India. Constraints in Vegetable Production and Remedies to Overcome Them.
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
2 nd Week 11 Aug - 12 Aug	Cultivation of Brinjal: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations, diseases and their control, harvesting, yield and post-harvest management
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
3 rd Week 18 Aug - 19 Aug	Cultivation of Tomato: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations.
24 Aug, 2025	Sunday
4 th Week 25 Aug - 30 Aug	Cultivation of Tomato: Diseases and their control, harvesting, yield and post harvest management Class Test
31 Aug, 2025	Sunday

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(July to November, 2025)

Name of the Teacher – Dr. Nadia Chowhan and Dr. Seema Sharma

Class- BSc. II Life Science

Subject: Botany SEC

Paper: - Olericulture (B23-SEC-306)

September, 2025 1 st Week 1 Sept – 2 Sept	Cultivation of Coriander: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations, diseases and their control, harvesting, yield and post-harvest management
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 9 Sept	Cultivation of Spinach: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations, diseases and their control, harvesting, yield and post-harvest management
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 16 Sept	Cultivation of Carrot: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations, diseases and their control, harvesting, yield and post-harvest management
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Cultivation of Beet Root: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations.
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	. Diseases and their control, harvesting, yield and post-harvest management Beetroot. Class Test

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Class- BSc. II Life Science

Subject: Botany SEC

Paper: Olericulture (B23-SEC-306)

2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
1 st Week 6 Oct, 2025	Revision
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
2 nd Week 13 Oct - 14 Oct	Cultivation of Moong: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations, diseases and their control, harvesting, yield and post-harvest management
19 Oct – 26 Oct	Vacations (Diwali)
3 rd Week 27 Oct- 28 Oct	Cultivation of Chickpea: Importance, morphology and taxonomy, varieties, climate and soil, seeds, sowing, manuring, irrigation, intercultural operations, diseases and their control, harvesting, yield and post-harvest management

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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher – Dr. Nadia Chowhan and Dr. Seema Sharma

Class- BSc. II Life Science

Subject: Botany SEC

Paper: - Olericulture (B23-SEC-306)

November, 2025 1st Week 1 Nov,2025 2 Nov, 2025	Haryana Day Sunday
2nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3rd Week 10 Nov - 11 Nov	Revision of Syllabus Class Test
16 Nov, 2025	Sunday
4th Week 17 Nov - 18 Nov	Revision and Class test
23 Nov, 2025	Sunday
5th Week 24 November,2025 Onwards	University Examinations

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**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher – Dr. Seema Sharma

Class – B.Sc. II Year Life Science

Subject– Botany

Paper– Plant Physiology (B23-BOT-301)

July,2025 4thWeek 22July–23July	Introduction of Syllabus and General aspects of plant physiology.
27July,2025	Sunday
5thWeek 28July30July	Plant water relations: Absorption of water and Water potential
31 July	Shaheed Udham Singh Martyrdom Day

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Name of the Teacher– Dr. Seema Sharma

Class – B. Sc. II Year Life Science

Subject – Botany

Paper– Plant Physiology (B23-BOT-301)

3 Aug, 2025	Sunday
1 st Week 4Aug– 6Aug	Transpiration in plants.
9Aug, 2025 10Aug, 2025	RakshaBandhan Sunday
2 nd Week 11Aug-13Aug	Role of micro and macro nutrients in plants.
15 Aug, 2025 16 Aug, 2025 17Aug, 2025	Independence Day Janmashtmi Sunday
3 rd Week 18Aug -20Aug	Respiration in plants.
24Aug, 2025	Sunday
4 th Week 25Aug -27Aug	Photosynthesis: Significance, historical aspects, photosynthetic pigments' light reaction, dark reactions and photorespiration.
31Aug, 2025	Sunday

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**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher– Dr. Seema Sharma

Class – B.Sc. II Year Life Science

Subject – Botany

Paper– Plant Physiology (B23-BOT-301)

September,2025 1 st Week 1Sept – 3Sept	Biosynthesis, mechanism of action and uses of auxin and gibberellins
7 Sept, 2025	Sunday
2 nd Week 8 Sept– 10Sept	Biosynthesis, mechanism of action and uses of cytokinin, abscisic acid and ethylene
14 Sept, 2025	Sunday
3 rd Week 15Sept-17 Sept	Mechanism of lipid metabolism Nitrogen metabolism: Nitrogen Fixation
21Sept,2025 22Sept,2025 23Sept,2025	Sunday Maharaja AgrasenJayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24Sept	Biochemistry of nitrogen metabolism
28Sept,2025	Sunday
5 th Week 29 Sept – 30 Sept,2025	Structure, function and mechanism of phytochromes and stomatal movement Class test

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Name of the Teacher– Dr. Seema Sharma

Class – B. Sc. II Year Life Science

Subject – Botany

Paper– Plant Physiology (B23-BOT-301)

October,2025 1 st Week 1Oct	Photoperiodism and biological clocks
2Oct, 2025 5Oct,2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct- 8 Oct	Mechanism of flowering
7Oct,2025 12Oct,2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct-15 Oct	Concept of plant growth
19Oct – 26 Oct	Vacations (Diwali)
5 th Week 27Oct- 29 Oct	Factors affecting germination and dormancy of seeds

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Name of the Teacher– Dr. Seema Sharma

Class – B. Sc. II Year Life Science

Subject – Botany

Paper– Plant Physiology (B23-BOT-301)

November,2025 1st Week 1Nov,2025 2 Nov, 2025	Haryana Day Sunday
2ndWeek 3 Nov-8Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3rd Week 10 Nov-13Nov	Physiology and biochemical changes associated with senescence and abscission.
16Nov,2025	Sunday
4thWeek 17Nov-19 Nov	Revision and Class Test.
23Nov,2025	Sunday
5thWeek 24November,2025 Onwards	University Examinations

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**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher –Ms. Rupali

Class – B. Sc. I (Aided and SFS)

Subject – Botany

Paper – Diversity of Microbes, Algae, Fungi and Archegoniates

July, 2025 4th Week 22 July	Orientation and book recommendations
27 July, 2025	Sunday
5th Week 28 July – 29 July	General account about microbes including structure, nutrition and reproduction.
31 July	Shaheed Udham Singh Martyrdom Day

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**Lesson Plan for the Odd Semester
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Name of the Teacher –Ms. Rupali

Class – B. Sc. I (Aided and SFS)

Subject – Botany

Paper – Diversity of Microbes, Algae, Fungi and Archegoniates

3 Aug, 2025	Sunday
1st Week 4 Aug – 6 Aug	Bacteria: Structure, nutrition, reproduction, and economic importance Viruses: General account of viruses including structure of TMV and Bacteriophage.
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
2nd Week 11 Aug - 13 Aug	Algae: General characters, Introductory classification; economic importance Life cycle of <i>Volvox</i> (Chlorophyceae) Life-cycle of <i>Vaucheria</i> (Xanthophyceae)
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
3rd Week 18 Aug - 20 Aug	Life-cycle of <i>Ectocarpus</i> (Phaeophyceae) Life-cycle of <i>Polysiphonia</i> (Rhodophyceae)
24 Aug, 2025	Sunday
4th Week 25 Aug - 27 Aug	Life-cycle of <i>Nostoc</i> (Cyanophyceae). Fungi: General characters, Introductory classification; Economic importance
31 Aug, 2025	Sunday

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(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B. Sc. I (Aided and SFS)

Subject – Botany

Paper – Diversity of Microbes, Algae, Fungi and Archegoniates

September, 2025 1 st Week 1 Sept – 3 Sept	Life-history of <i>Phytophthora</i> (Mastigomycotina) Life-history of <i>Penicillium</i> (Ascomycotina) Life-history of <i>Colletotrichum</i> (Deuteromycotina)
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 10 Sept	Life-history of <i>Puccinia</i> (Basidiomycotina) General account of Lichen, types, ecological and economic importance Bryophyta: General characteristics, classification upto classes, alternation of generation
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 17 Sept	Structure and reproduction of <i>Marchantia</i> (Hepatocopsida) Structure and reproduction of <i>Anthoceros</i> (Anthocerotopsida) Ecological and economic importance of Bryophytes
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept	Structure and reproduction of <i>Funaria</i> (Bryopsida)
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	Structure and reproduction of <i>Rhynia</i> . General characters, classification upto classesPteridophyta Structure and reproduction of <i>Selaginella</i>

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Class – B. Sc. I (Aided and SFS)

Subject – Botany

Paper – Diversity of Microbes, Algae, Fungi and Archegoniates

October, 2025 1 st Week 1 Oct	Structure and reproduction of <i>Equisetum</i>
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct - 8 Oct	Structure and reproduction of <i>Equisetum</i> Structure and reproduction of <i>Pteris</i>
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 15Oct	Heterospory and seed habit, stellar evolution, Ecological and economic importance Gymnosperms: General characteristics, classification upto classes Morphology, Anatomy and Reproduction of <i>Cycas</i>
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 29 Oct	Anatomy and Reproduction of <i>Cycas</i> Morphology and Anatomy of <i>Pinus</i>

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Name of the Teacher –Ms. Rupali

Class – B. Sc. I (Aided and SFS)

Subject – Botany

Paper – Diversity of Microbes, Algae, Fungi and Archegoniates

November, 2025 1 st Week 1 Nov,2025 2 Nov, 2025	Haryana Day Sunday
2 nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3 rd Week 10 Nov - 12 Nov	Reproduction of <i>Pinus</i> Morphology and Anatomy of <i>Ephedra</i> Reproduction of <i>Ephedra</i>
16 Nov, 2025	Sunday
4 th Week 17 Nov - 19 Nov	Distribution and economic importance; general account of paleobotany and Geological time scale Revision of syllabus and Class test
23 Nov, 2025	Sunday
5 th Week 24 November,2025 Onwards	University Examinations

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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B. A. I

Subject – MDC Botany

Paper – Fundamental of Botany

July, 2025 4th Week 22 July	Orientation and Book recommendations
27 July, 2025	Sunday
5th Week 28 July – 29 July	Introduction to Botany and its Significance
31 July	Shaheed Udham Singh Martyrdom Day

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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B. A. I

Subject – MDC Botany

Paper –Fundamental of Botany

3 Aug, 2025	Sunday
1st Week 4 Aug – 5 Aug	General characteristics of Viruses Morphology of Viruses Economic importance of Viruses
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
2nd Week 11 Aug - 12 Aug	. General characteristics of Bacteria Morphology of Bacteria
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
3rd Week 18 Aug - 19 Aug	Economic importance of Bacteria General characteristics of Algae
24 Aug, 2025	Sunday
4th Week 25 Aug - 30 Aug	. Morphology and Economic importance of Algae
31 Aug, 2025	Sunday

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Lesson Plan for the Odd Semester (July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B. A. I

Subject – MDC Botany

Paper – Fundamentals of Botany

September, 2025 1 st Week 1 Sept – 2 Sept	. General characteristics of Fungi Morphology of Fungi Economic importance of Fungi
7 Sept, 2025	Sunday
2 nd Week 8 Sept – 9 Sept	. General characteristics of Lichens Morphology of Lichens
14 Sept, 2025	Sunday
3 rd Week 15 Sept – 16 Sept	. Economic importance of Lichens General characteristics of Bryophytes
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4 th Week 24 Sept – 27 Sept	Revision of Syllabus Class Tests
28 Sept, 2025	Sunday
5 th Week 29 Sept – 30 Sept, 2025	. Morphology of Bryophytes Economic importance of Bryophytes

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Class – B. A. I

Subject – MDC Botany

Paper – Fundamentals of Botany

2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2 nd Week 6 Oct, 2025	. General characteristics of Pteridophytes Morphology of Pteridophytes
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3 rd Week 13 Oct - 14 Oct	. Economic importance of Pteridophytes General characteristics of Gymnosperms Morphology of Gymnosperms
19 Oct – 26 Oct	Vacations (Diwali)
5 th Week 27 Oct- 28 Oct	Morphology of Gymnosperms.

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(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B.A. I

Subject – MDC Botany

Paper – Fundamentals of Botany

November, 2025 1st Week 1 Nov,2025 2 Nov, 2025	Haryana Day Sunday
2nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3rd Week 10 Nov - 11 Nov	Economic importance of Gymnosperms General characteristics of Angiosperms
16 Nov, 2025	Sunday
4th Week 17 Nov - 18 Nov	Morphology of Angiosperms Economic importance of Angiosperms
23 Nov, 2025	Sunday
5th Week 24 November,2025 Onwards	University Examinations

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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B. A. II Year

Subject – MDC Botany

Paper – Ornamental Plants and Propagation

July, 2025 4th Week 25 July – 26 July	Introduction of Gardening History of gardens in India Terrace Gardening
27 July, 2025	Sunday
31 July	Shaheed Udham Singh Martyrdom Day

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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B. A. II year

Subject – MDC Botany

Paper – Ornamental Plants and Propagation.

August, 2025 1 st Week 1 Aug – 2 Aug	Popular gardens of India. Types of gardens: Formal and Informal gardens.
3 Aug, 2025	Sunday
2 nd Week 8 Aug	Styles of Gardens: Mughal gardens, Persian gardens, Italian gardens
9 Aug, 2025 10 Aug, 2025	Raksha Bandhan Sunday
15 Aug, 2025 16 Aug, 2025 17 Aug, 2025	Independence Day Janmashtmi Sunday
4 th Week 22 Aug - 23 Aug	Significance of Shrubs, trees and palms as ornamentals
24 Aug, 2025	Sunday
5 th Week 29 Aug - 30 Aug	Significance of ferns, cycads, cacti and succulents as ornamentals
31 Aug, 2025	Sunday

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Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B. A. II Year

Subject – MDC Botany

Paper – Ornamental Plants and Propagation

September, 2025 1st Week 5 Sept – 6 Sept	Significance of climbers, creepers and indoor plants as ornamentals
7 Sept, 2025	Sunday
2nd Week 12 Sept – 13 Sept	Significance of water plants and bonsai plants as ornamentals
14 Sept, 2025	Sunday
3rd Week 19 Sept – 20 Sept	Flower and seed production. Protected cultivation of ornamentals
21 Sept, 2025 22 Sept, 2025 23 Sept, 2025	Sunday Maharaja Agrasen Jayanti Shaheedi Divas/Haryana War Heroes' Martyrdom Day
4th Week 26 Sept – 27 Sept	Present position of floriculture in India
28 Sept, 2025	Sunday

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**Lesson Plan for the Odd Semester
(July to November, 2025)**

Name of the Teacher –Ms. Rupali

Class – B. A. II year

Subject – MDC Botany

Paper – Fundamental Plants and Propagation

October, 2025 1st Week 3 Oct – 4 Oct	Scope of Floriculture
2 Oct, 2025 5 Oct, 2025	Mahatma Gandhi Jayanti/Dussehra Sunday
2nd Week 10 Oct - 11 Oct	Vegetative propagation-principles and practices of clone selection.
7 Oct, 2025 12 Oct, 2025	Maharishi Valmiki Jayanti/Maharaja Ajmidh Jayanti Sunday
3rd Week 17 Oct - 18 Oct	Revision and class test
19 Oct – 26 Oct	Vacations (Diwali)
5th Week 31 Oct	Revision of previous topics

**KUMARI VIDYAVATI ANAND D.A.V. COLLEGE FOR WOMEN,
KARNAL**

Lesson Plan for the Odd Semester

(July to November, 2025)

Name of the Teacher –Ms. Rupali

Class – B.A. II Year

Subject – MDC Botany

Paper – Fundamental Plants and Propagation

November, 2025 1st Week 1 Nov,2025 2 Nov, 2025	Haryana Day Sunday
2nd Week 3 Nov - 8 Nov	Sessional Exams
5 Nov, 2025 9 Nov, 2025	Guru Nanak Dev Jayanti Sunday
3rd Week 14 Nov - 15 Nov	Techniques of cutting, budding, grafting and layering
16 Nov, 2025	Sunday
4th Week 21 Nov - 22 Nov	Propagation by specialized stems and roots
23 Nov, 2025	Sunday
5th Week 24 November,2025 Onwards	University Examinations