

| ARD Study Plan |     |                                                                                 |                                                                                                                                                            |                                                                                                                                |                                                       |                                                                                                                                    |
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| Mentor         |     | Krashna Sir                                                                     | Sandeep Sir                                                                                                                                                | Parikshit Sir                                                                                                                  | Akash Sir                                             | Sudhanshu Sir                                                                                                                      |
| Chapter        |     | Basic Agriculture & Agronomy;<br>Soil and Water Conservation;<br>Water Resource | Agriculture Extensions;<br>Present Scenario of Indian<br>Agriculture;<br>Rural Development                                                                 | Animal Husbandry;<br>Ecology and Climate Change                                                                                | Plantation & Horticulture                             | Farm and Agri Engineering;<br>Forestry;<br>Fisheries                                                                               |
| Date           | Day | 12 PM - 1 PM                                                                    | 2 PM - 3 PM                                                                                                                                                | 3 PM - 4 PM                                                                                                                    | 6 PM - 7 PM                                           | 5 PM - 6 PM                                                                                                                        |
| 15-Nov-25      | Sat |                                                                                 |                                                                                                                                                            | Animal Husbandry: Farm animals and their role in Indian economy Part 1                                                         | Introduction to Plantation & Horticulture (5-5:30 PM) |                                                                                                                                    |
| 17-Nov-25      | Mon | Basic Agriculture & Agronomy                                                    |                                                                                                                                                            | Animal Husbandry: Farm animals and their role in Indian economy Part 2                                                         | ---                                                   |                                                                                                                                    |
| 18-Nov-25      | Tue | Agro-Climatic Zones                                                             |                                                                                                                                                            | Animal Husbandry: Farm animals and their role in Indian economy Part 3                                                         | Basic Horticulture                                    | Farm Machinery and Power, Sources of power on the farm- human, animal, mechanical, electrical, wind, solar and biomass, bio fuels, |
| 19-Nov-25      | Wed | Cropping System                                                                 |                                                                                                                                                            | Animal husbandry methods in India Part 1                                                                                       | Role of fruit and vegetable in human nutrition        | Water harvesting structures, farm ponds,                                                                                           |
| 20-Nov-25      | Thu | Dyland Agriculture Lecture 1                                                    |                                                                                                                                                            | Animal husbandry methods in India Part 2                                                                                       | Plantation Crops Lecture 1                            | Watershed management, Agro Processing,                                                                                             |
| 21-Nov-25      | Fri | ---                                                                             |                                                                                                                                                            | Animal husbandry methods in India Part 3                                                                                       | Plantation Crops Lecture 2                            | Controlled and modified storage, perishable food storage,                                                                          |
| 22-Nov-25      | Sat | Dyland Agriculture Lecture 2                                                    |                                                                                                                                                            | common terms pertaining to different species of livestock Part 1                                                               |                                                       | ---                                                                                                                                |
| 24-Nov-25      | Mon | Agro-Meteorology Lecture 1                                                      |                                                                                                                                                            | common terms pertaining to different species of livestock Part 2                                                               | Post Harvest Management of Plantation Crop Lecture 1  | Godowns, bins and grain silos.                                                                                                     |
| 25-Nov-25      | Tue | Agro-Meteorology Lecture 2                                                      |                                                                                                                                                            | Utility classification of breeds of cattle Part 1                                                                              | Post Harvest Management of Plantation Crop Lecture 2  | Basic concepts of Forest and Forestry. Principles of silviculture,                                                                 |
| 26-Nov-25      | Wed | Agro-Meteorology Lecture 3                                                      |                                                                                                                                                            | Utility classification of breeds of cattle Part 2                                                                              |                                                       | Forest mensuration, forest management and forest economics agroforestry                                                            |
| 27-Nov-25      | Thu | Precision farming & Organic Farming                                             | Agriculture Extension, KVKs & Evaluation of extension Programme                                                                                            | Introduction to common feeds and fodders, their classification and utility Part 1                                              |                                                       | Concepts of social forestry, , joint forest management.                                                                            |
| 28-Nov-25      | Fri | System of Crop Intensification                                                  | Present Scenario of Indian Agriculture and Allied activities; recent trends, major challenges in agriculture measures to enhance viability of agriculture. | Introduction to common feeds and fodders, their classification and utility Part 2                                              |                                                       | Forest policy and legislation in India, India State of Forest Report 2023                                                          |
| 29-Nov-25      | Sat | Types of Soils                                                                  | Factors of Production in agriculture                                                                                                                       | Ecology and its relevance to man                                                                                               |                                                       | Basic introduction to Fisheries                                                                                                    |
| 1-Dec-25       | Mon | Soil Fertility & Fertilisers Lecture 1                                          | Agricultural Finance                                                                                                                                       | Natural resources their sustainable management and conservation                                                                |                                                       | Fisheries resources, management and exploitation - freshwater, brackish water and marine;                                          |
| 2-Dec-25       | Tue | Soil Fertility & Fertilisers Lecture 2                                          | Agricultural Marketing                                                                                                                                     | Causes of climate change , GHG , major GHG emitting countries, climate analysis, distinguish between adaptation and mitigation |                                                       | Aquaculture- Inland and marine; biotechnology; post-harvest technology.                                                            |
| 3-Dec-25       | Wed | Soil Fertility & Fertilisers Lecture 3                                          | Concept and Types of Farm Management                                                                                                                       | climate change impact to agriculture and rural livelihood, carbon credit, IPCC, UNFCCC, CoP meetings                           |                                                       | Importance of fisheries in India. Common terms pertaining to fish production.                                                      |
| 4-Dec-25       | Thu | Soil Erosion & Conservation Lecture 1                                           | Impact of Globalization on Indian Agriculture and issues of Food Security                                                                                  | funding mechanisms for climate change projects, initiatives by Govt of India                                                   |                                                       |                                                                                                                                    |
| 5-Dec-25       | Fri | Soil Erosion & Conservation Lecture 2                                           | Rural Development Lecture 1                                                                                                                                | NAPCC, SAPCC, INDC                                                                                                             |                                                       |                                                                                                                                    |
| 6-Dec-25       | Sat | Watershed Management                                                            | Rural Development Lecture 2                                                                                                                                |                                                                                                                                |                                                       |                                                                                                                                    |
| 8-Dec-25       | Mon | Water Resource Management Lecture 1                                             |                                                                                                                                                            |                                                                                                                                |                                                       |                                                                                                                                    |
| 9-Dec-25       | Tue | Water Resource Management Lecture 2                                             |                                                                                                                                                            |                                                                                                                                |                                                       |                                                                                                                                    |