

# GDC Memorial College

Bahal (Bhiwani) - 127028

NAAC Accredited Grade "B" (Second Cycle) and Recognized under

Affiliated to Ch. Bansi Lal University, Bhiwani

Lesson Plan- January to April 2026

Name - Mr.. Man Singh

Department - Economics

Class -B.Sc Agri.(Hons)

Subject - Agri. Marketing Trade And Prices

Semester - 4th

Subject Code - 23BSAG-401

Week-1	UNIT-1
27-Jan-26	Agricultural Marketing: concepts and definitions of market
Week-2	
2-Feb-26	Classification and characteristics of agricultural markets
3-Feb-26	Demand, supply
Week-3	
9-Feb-26	Producer's surplus of agri-commodities
10-Feb-26	Nature and determinants of demand and supply of farm products
Week-4	
16-Feb-26	Producer's surplus- meaning and its types
17-Feb-26	Factors affecting marketable surplus of agri-commodities
Week-5	
23-Feb-26	Competitive strategies: meaning and stages in PLC
24-Feb-26	Characteristics of PLC; strategies in different stages of PLC
Week-6	
2-Mar-26	Pricing and promotion strategies
3-Mar-26	Pricing considerations and approaches-cost based
Week-7	
9-Mar-26	Market promotion- advertising, personal selling
10-Mar-26	Sales promotion and publicity- their meaning and merits & demerits
Week-8	
16-Mar-26	Physical functions- storage, transport and processing.
17-Mar-26	Facilitating functions-packaging, branding, grading
Week-9	
23-Mar-26	Market functionaries and marketing channels
24-Mar-26	Marketing channels for different farm products, integration
Week-10	
30-Mar-26	Efficiency, costs and price spread: meaning, definition
31-Mar-26	Marketing efficiency, marketing costs, margins and price spread
Week-11	
6-Apr-26	Factors affecting cost of marketing
7-Apr-26	Reasons for higher marketing costs of farm commodities
Week-12	
13-Apr-26	Role of Govt. in agricultural marketing
14-Apr-26	Concept of international trade and its need



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## Lesson Plan- 27<sup>th</sup> January to 30<sup>th</sup> April 2026

Name - Ms. Prerna Sihag

Department - Agriculture

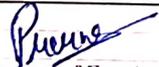
Class - B.Sc.(Hons.) Agri

Subject - Crop Production Technology-II

Semester - 4<sup>th</sup>

Subject Code - 23BSAG-402

Week-1	
27-Jan-26	Origin, geographical distribution, economic importance, soil and climatic requirements, varieties, cultural practices and yield of Rabi crops; cereals- wheat
<b>Week-2</b>	
2-Feb-26	do
3-Feb-26	Barley
<b>Week-3</b>	
9-Feb-26	Pulses- Chickpea
10-Feb-26	do
<b>Week-4</b>	
16-Feb-26	Lentil
17-Feb-26	do
<b>Week-5</b>	
23-Feb-26	Peas
24-Feb-26	do
<b>Week-6</b>	
02-Mar-26	Oilseeds - Rapeseed
03-Mar-26	do
<b>Week-7</b>	
09-Mar-26	Mustard
10-Mar-26	do
<b>Week-8</b>	
16-Mar-26	Sunflower
17-Mar-26	do
<b>Week-9</b>	
23-Mar-26	Sugar crops - Sugarcane
24-Mar-26	do
<b>Week-10</b>	
30-Mar-26	Forage crops- Berseem
31-Mar-26	do
<b>Week-11</b>	
6-Apr-26	Lucrene
7-Apr-26	Oat
<b>Week-12</b>	
13-Apr-26	Revision
14-Apr-26	Revision
<b>Week-13</b>	
20-Apr-26	Revision
21-Apr-26	Revision
<b>Week-14</b>	
27-Apr-26	Revision
28-Apr-26	Revision

  
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## Lesson Plan- 27<sup>th</sup> January to 30<sup>th</sup> April 2026

Name - Ms. Prerna Sihag

Department - Agriculture

Class - B.Sc.(Hons.) Agri

Subject - Farming System and Sustainable Agriculture

Semester - 4<sup>th</sup>

Subject Code - 23BSAG-403

Week-1	
28-Jan-26	Farming system-scope, importance, and concept,
Week-2	
4-Feb-26	Types and systems of farming system and factors affecting types of farming,
Week-3	
11-Feb-26	Farming system components and their maintenance,
Week-4	
18-Feb-26	Cropping system and pattern, multiple cropping system,
Week-5	
25-Feb-26	Efficient cropping system and their evaluation,
Week-6	
04-Mar-26	Allied enterprises and their importance,
Week-7	
11-Mar-26	Tools for determining production and efficiencies incropping and farming system,
Week-8	
18-Mar-26	Sustainable agriculture-problems and its impact on agriculture,indicators of sustainability, adaptation and mitigation,
Week-9	
25-Mar-26	Conservation agriculture strategies inagriculture, HEIA, LEIA and LEISA and its techniques for sustainability,
Week-10	
01-Apr-26	Integrated farming system-historical background, objectives and characteristics, components of IFS and its advantages,
Week-11	
8-Apr-26	Site specific development of IFS model for different agro-climatic zones, resourceuse efficiency and optimization techniques,
Week-12	
15-Apr-26	Resource cycling and flow of energy in different farming system, farming system and environment,
Week-13	
22-Apr-26	Visit o f IFS model in different agro-climatic zones of nearby states university/institutes and farmers field.
Week-14	
29-Apr-26	Revision

  
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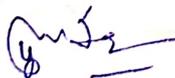
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## Lesson Plan- January to April 2026

Name - Dr. Punita Department - English  
Class - B.Sc. Agri. Subject - Communication Skills and Personality Development  
Semester - 4th Subject Code - 23 BSAG-404

Week-1	UNIT-I
29-Jan-26	Introduction of Syllabus
Week-2	
4-Feb-26	Meaning of Communication
4-Feb-26	Process of Communication
8-Feb-26	Verbal Communication, Non-Verbal Communication
Week-3	
11-Feb-26	Listening and Note Taking
11-Feb-26	Writing Skills
12-Feb-26	Oral Presentation Skills
Week-4	
18-Feb-26	Communication Barriers
18-Feb-26	Building Self-esteem and self-Confidence
19-Feb-26	Building Self-esteem and self-Confidence
Week-5	
25-Feb-26	Importance of Personality Development
25-Feb-26	Importance of Personality Development
26-Feb-26	Dimensions of Personality Development: Attitude
Week-6	
5-Mar-26	Dimensions of Personality Development: Team Work
Week-7	
11-Mar-26	Different Personality Traits
11-Mar-26	Different Personality Traits
12-Mar-26	Test of topics of Communication
Week-8	
18-Mar-26	Reading and comprehension of General Topics
18-Mar-26	Reading and comprehension of Technical Topics
19-Mar-26	Reading and comprehension of Technical Topics
Week-9	
25-Mar-26	Reading and Comprehension Practice
25-Mar-26	Reading and Comprehension Practice
26-Mar-26	Reading and Comprehension Practice
Week-10	
1-Apr-26	Summarising
1-Apr-26	Practice of summary writing
2-Apr-26	Abstract writing
Week-11	
8-Apr-26	Abstract writing Practice
8-Apr-26	Abstract writing Practice
9-Apr-26	Abstract writing Practice
Week-12	
15-Apr-26	Individual Presentations
15-Apr-26	Group Presentations
16-Apr-26	impromptu presentation
Week-13	
22-Apr-26	Public Speaking
22-Apr-26	Group Discussion
23-Apr-26	Group Discussion
Week-14	
29-Apr-26	Organising Seminars and conferences
29-Apr-26	Organising Seminars and conferences
30-Apr-26	Revision of Complete Syllabus

  
Dr. Punita  
Sign of faculty

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Lesson Plan- January to April 2026

Name - Sachin

Department - Agriculture

Class - B. Sc. Agriculture (Hons.)

Subject -Renewable Energy and Green Technology

Semester - 4th

Subject Code - 23 BSAG-407

**Week 1**

28-Jan-26 Classification of energy sources

29-Jan-26 do

**Week 2**

04-Feb-26 Renewable energy sources and its contribution in agricultural sector

05-Feb-26 do

**Week 3**

11-Feb-26 do

12-Feb-26 Familiarization with biomass utilization for bio-fuel production and their applications

**Week 4**

18-Feb-26 Class Test

19-Feb-26 do

**Week 5**

25-Feb-26 Familiarization with different types of biogas plants and gasifiers

26-Feb-26 do

**Week 6**

05-Mar-26 do

**Week 7**

11-Mar-26 biomass briquetting

12-Mar-26 do

**Week 8**

18-Mar-26 bioalcohol;

19-Mar-26 do

**Week 9**

25-Mar-26 biodiesel and bio-oil production and their utilization

**Week 10**

01-Apr-26 Introduction of solar energy; collection and application

02-Apr-26 do

**Week 11**

08-Apr-26 familiarization with solar energy gadgets: solar cooker, solar water heater

09-Apr-26 do

**Week 12**

15-Apr-26 Application of solar energy

16-Apr-26 solar drying, solar pond, solar distillation and solar photovoltaic system

**Week 13**

22-Apr-26 introduction of wind energy and its application.

23-Apr-26 do

**Week 14**

29-Apr-26 Revision

30-Apr-26 Revision

*Sachin*  
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Lesson Plan- January to April 2026

Name - Dr. Sunitha Fogat

Department - Agriculture

Class - B.Sc. (Hons.) Agriculture

Subject - Manures and Fertilizers & Soil Fert. Mng.

Semester - IV<sup>th</sup>

Subject Code -23 BSAG-408

Week-1

27-Jan-26 Introduction and importance of organic manures, properties  
30-Jan-26 Methods of preparation of bulky, concentrated manures

Week-2

3-Feb-26 humic substances- nature and properties  
6-Feb-26 green/leaf manuring, INM

Week-3

10-Feb-26 chemical fertilizers: classification, composition and properties  
13-Feb-26 of major nitrogenous, Phosphatic fertilizers

Week-4

17-Feb-26 secondary & micronutrient fertilizers  
20-Feb-26 mixed and complex fertilizers

Week-5

24-Feb-26 nano fertilizers, Soil amendents  
27-Feb-26 fertilizer storage & FCO

Week-6

3-Mar-26 Holiday  
6-Mar-26 history of soil fertility and plant nutrition

Week-7

10-Mar-26 criteria of essentiality, role, deficiency  
13-Mar-26 toxicity symptoms of essential plant nutrients, mech. of nutrient transport to plants

Week-8

17-Mar-26 factors affecting nutrient availability to plants  
20-Mar-26 chemistry of soil nitrogen, phosphorus, potassium

Week-9

24-Mar-26 calcium, magnesium, sulphur and  
27-Mar-26 micronutrients, soil fertility evaluation

Week-10

31-04-2026 soil testing  
3-Apr-26 critical levels of different nutrients in soil, forms of nutrients in soil

Week-11

7-Apr-26 plant analysis  
10-Apr-26 rapid plant tissue tests, indicator plants

Week-12

16-04-2026 Methods of fertilizer recommendations to crops  
17-Apr-26 factors influencing nutrient use efficiency

Week-14	
21-Apr-26	methods of
24-Apr-26	application under rainfed and irrigated conditions
Week-15	
28-Apr-26	Assignment
	<i>Arumita Jant</i>
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## Lesson Plan- 27<sup>th</sup> January to 30<sup>th</sup> April 2026

Name - Ms. Prerna Sihag

Department - Agriculture

Class - B.Sc.(Hons.) Agri

Subject - Agricultural waste management

Semester - 4<sup>th</sup>

Subject Code - 23BSAG-409

Week-1	
30-Jan-26	Introduction to agricultural waste management,
Week-2	
06-Feb-26	Nature and characteristics of agricultural waste and their impact on the environment,
Week-3	
13-Feb-26	Kinds of wastes classification, role of soil and plants in waste management,
Week-4	
20-Feb-26	Sources of waste, impact of waste on soil and plant quality,
Week-5	
27-Feb-26	Biological processes of waste management, utilization and recycling of agricultural waste,
Week-6	
06-Mar-26	do
Week-7	
13-Mar-26	Potential of recyclable crop residues and its management in-situ management of agriculture waste,
Week-8	
20-Mar-26	Biogas technology, agricultural waste and water, air and animal resources,
Week-9	
27-Mar-26	Impacts of waste on human, animal health and environment,
Week-10	
3-Apr-26	Management of bedding & litter, wasted feed, run-off from feed lots and holding areas and waste water form dairy parlors,
Week-11	
10-Apr-26	Agro-waste recycling through farming system, waste management machineries,
Week-12	
17-Apr-26	Environmental benefit of waste management.
Week-13	
24-Apr-26	Revision

  
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## Lesson Plan- January to April 2026

Name - Dr. Sunitha Fogat

Department - Agriculture

Class - B.Sc. (Hons.) Agriculture

Subject - Principles of Seed Technology

Semester - IV<sup>th</sup>

Subject Code -23 BSAG-410

Week-1	
29-Jan-26	Seed and seed technology: introduction, definition and importance
30-Jan-26	deterioration causes of crop, varieties and their control
Week-2	
5-Feb-26	maintenance of genetic purity during seed production
6-Feb-26	seed quality, definition, characters of good quality seed
Week-3	
12-Feb-26	different classes of seed
13-Feb-26	foundation and certified seed, production of important cereals
Week-4	
19-Feb-26	pulses, oilseeds, fodder and vegetables
20-Feb-26	seed certification, phases of certification
Week-5	
26-Feb-26	procedure for seed certification
27-Feb-26	field inspection, seed Act
Week-6	
5-Mar-26	enforcement; duty and powers of seed inspector, offences and penalties
6-Mar-26	seeds control order 1983
Week-7	
12-Mar-26	varietal identification through grow out test
13-Mar-26	electrophoresis, molecular and biochemical test
Week-8	
19-Mar-26	detection of genetically modified crops
20-Mar-26	transgene contamination in non-GM crops, GM crops and seed production
Week-9	
26-Mar-26	seed drying, processing and their steps
27-Mar-26	seed testing for quality assessment, seed treatment, its importance
Week-10	
2-Apr-26	method of application and seed packing
3-Apr-26	seed storage, general principles
Week-11	
9-Apr-26	stages and factors affecting seed longevity during storage
10-Apr-26	measures for pest disease control during storage

<b>Week-12</b>	
16-Apr-26	Seed marketing, structure and organisation sales generation activities
17-Apr-26	promotional media; factors affecting seed marketing.
<b>Week-14</b>	
23-Apr-26	role of WTO and OECD in seed marketing
24-Apr-26	Class Test
<b>Week-15</b>	
30-Apr-26	Assignment
	<i>Dimutha Rajat</i>
	Signature of Faculty