

BHARAT SEVAK SAMAJ SYLLABUS

CATEGORY COURSES #2: AGRICULTURE EDUCATION

COURSE CODE: AE001

COURSE NAME: BSS DIPLOMA IN AGRICULTURE AND ALLIED TECHNOLOGY

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE001-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE001-02	SEED PRODUCTION
3	AE001-03	SOIL MANAGEMENT
4	AE001-04	FARMING METHODS - I
5	AE001-05	PRACTICAL - I
6	AE001-06	PRACTICAL - II
7	AE001-07	PRACTICAL - III
8	AE001-08	PRACTICAL - IV
II YEAR		
9	AE001-09	DISEASES CONTROL
10	AE001-10	FARMING METHODS - II
11	AE001-11	HARVESTING METHODS
12	AE001-12	PRACTICAL - V
13	AE001-13	PRACTICAL - VI
14	AE001-14	PRACTICAL - VII

COURSE CODE: AE002

COURSE NAME: BSS DIPLOMA IN HORTICULTURE

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE002-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE002-02	FUNDAMENTALS OF HORTICULTURE
3	AE002-03	SOILS AND WATER MANAGEMENT
4	AE002-04	FERTILIZERS & MANURES MANAGEMENT
5	AE002-05	PRACTICAL - I
6	AE002-06	PRACTICAL - II
7	AE002-07	PRACTICAL - III
8	AE002-08	PRACTICAL - IV
II YEAR		
9	AE002-09	AGRO-METEOROLOGY & FARM POWER
10	AE002-10	PRESERVATION

11	AE002-11	CULTIVATION OF VEGETABLES & SPICES
12	AE002-12	PRACTICAL - V
13	AE002-13	PRACTICAL - VI
14	AE002-14	PRACTICAL - VII

COURSE CODE: AE003

COURSE NAME: BSS DIPLOMA IN COLD STORAGE TECHNOLOGY

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE003-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE003-02	AIR CONDITION MANAGEMENT
3	AE003-03	FRUITS & VEGETABLE STORAGE
4	AE003-04	STRUCTURING COLD STORAGE UNIT
5	AE003-05	PRACTICAL - I
6	AE003-06	PRACTICAL - II
7	AE003-07	PRACTICAL - III
8	AE003-08	PRACTICAL - IV
II YEAR		
9	AE003-09	WASTE MANAGEMENT IN COLD STORAGE UNIT
10	AE003-10	COLD STORAGE TECHNIQUES
11	AE003-11	COLD STORAGE EQUIPMENTS MANAGEMENT
12	AE003-12	PRACTICAL - V
13	AE003-13	PRACTICAL - VI
14	AE003-14	PRACTICAL - VII

COURSE CODE: AE004

COURSE NAME: BEE KEEPING EQUIPMENT MANUFACTURING TECHNIQUES

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE004-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE004-02	BEE KEEPING MANUFACTURING TECHNIQUES
3	AE004-03	PRACTICAL - I
4	AE004-04	PRACTICAL - II

COURSE CODE: AE005

COURSE NAME: FARM EQUIPMENT MECHANIC

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE005-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE005-02	FARM EQUIPMENTS MECHANISM
3	AE005-03	PRACTICAL - I
4	AE005-04	PRACTICAL - II

COURSE CODE: AE006

COURSE NAME: BSS DIPLOMA IN PLANT PROTECTION

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE006-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE006-02	INTEGRATED PEST, DISEASES AND WEED CONTROL
3	AE006-03	PLANT PROTECTION CHEMICALS
4	AE006-04	PLANT PROTECTION EQUIPMENT
5	AE006-05	PRACTICAL - I
6	AE006-06	PRACTICAL - II
7	AE006-07	PRACTICAL - III
8	AE006-08	PRACTICAL - IV
II YEAR		
9	AE006-09	PLANT PROTECTION TECHNIQUES
10	AE006-10	PLANT CULTIVATION METHODS
11	AE006-11	FERTILIZERS AND MANURE MANAGEMENT
12	AE006-12	PRACTICAL - V
13	AE006-13	PRACTICAL - VI
14	AE006-14	PRACTICAL - VII

COURSE CODE: AE007

COURSE NAME: TRACTOR AND POWER TILLER MECHANIC

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE007-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE007-02	TRACTOR MECHANISM
3	AE007-03	POWER TILLER MECHANISM
4	AE007-04	PRACTICAL - I
5	AE007-05	PRACTICAL - II
6	AE007-06	PRACTICAL - III

COURSE CODE: AE008

COURSE NAME: BSS DIPLOMA IN MEDICINAL PLANTS PROCESSING

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE008-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE008-02	MEDICINAL SEED PRODUCTION
3	AE008-03	MEDICINAL PLANT FARMING
4	AE008-04	MEDICINAL PLANT MANAGEMENT
5	AE008-05	PRACTICAL - I
6	AE008-06	PRACTICAL - II
7	AE008-07	PRACTICAL - III
8	AE008-08	PRACTICAL - IV
II YEAR		
9	AE008-09	MEDICINAL PLANTS PROCESSING METHODS
10	AE008-10	MEDICINAL PLANTS STORAGE
11	AE008-11	HARVESTING MEDICINAL PLANTS
12	AE008-12	PRACTICAL - V
13	AE008-13	PRACTICAL - VI
14	AE008-14	PRACTICAL - VII

COURSE CODE: AE017

COURSE NAME: AGRICULTURE SUPERVISOR

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE017-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE017-02	FARMING SUPERVISION
3	AE017-03	CULTIVATION SUPERVISION
4	AE017-04	HARVEST SUPERVISION
5	AE017-05	PRACTICAL - I
6	AE017-06	PRACTICAL - II
7	AE017-07	PRACTICAL - III
8	AE017-08	PRACTICAL - IV

COURSE CODE: AE018

COURSE NAME: BSS DIPLOMA IN AGRICULTURE SCIENCE

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		

1	AE018-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE018-02	HORTICULTURE
3	AE018-03	FLORICULTURE
4	AE018-04	SOIL MANAGEMENT
5	AE018-05	PRACTICAL - I
6	AE018-06	PRACTICAL - II
7	AE018-07	PRACTICAL - III
8	AE018-08	PRACTICAL - IV
II YEAR		
9	AE018-09	DISEASES CONTROL
10	AE018-10	FARMING METHODS
11	AE018-11	HARVESTING METHODS
12	AE018-12	PRACTICAL - V
13	AE018-13	PRACTICAL - VI
14	AE018-14	PRACTICAL - VII

COURSE CODE: AE019

COURSE NAME: PLANT PROTECTION TECHNICIAN

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE019-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE019-02	PEST CONTROL
3	AE019-03	PLANT PROTECTION TECHNIQUES
4	AE019-04	PRACTICAL - I
5	AE019-05	PRACTICAL - II
6	AE019-06	PRACTICAL - III

COURSE CODE: AE020

COURSE NAME: BSS DIPLOMA IN VOCATIONAL INSTRUCTOR (CROP PRODUCTION)

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE020-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE020-02	CROP SEED MANAGEMENT THEORY
3	AE020-03	CROP PROTECTION TECHNIQUES
4	AE020-04	CROP FARMING EQUIPMENTS
5	AE020-05	PRACTICAL - I
6	AE020-06	PRACTICAL - II
7	AE020-07	PRACTICAL - III
8	AE020-08	PRACTICAL - IV

COURSE CODE: AE021

COURSE NAME: BSS DIPLOMA IN AGRICULTURE

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE021-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE021-02	HORTICULTURE
3	AE021-03	FLORICULTURE
4	AE021-04	SOIL MANAGEMENT
5	AE021-05	PRACTICAL - I
6	AE021-06	PRACTICAL - II
7	AE021-07	PRACTICAL - III
8	AE021-08	PRACTICAL - IV
II YEAR		
9	AE021-09	DISEASES CONTROL
10	AE021-10	FARMING METHODS
11	AE021-11	HARVESTING METHODS
12	AE021-12	PRACTICAL - V
13	AE021-13	PRACTICAL - VI
14	AE021-14	PRACTICAL - VII

COURSE CODE: AE022

COURSE NAME: BSS DIPLOMA IN AGRO-BASED INDUSTRIAL MANAGEMENT

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE022-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE022-02	PRINCIPLES OF AGRICULTURE
3	AE022-03	HORTICULTURE AND FLORICULTURE
4	AE022-04	COLD STORAGE METHODS
5	AE022-05	PRACTICAL - I
6	AE022-06	PRACTICAL - II
7	AE022-07	PRACTICAL - III
8	AE022-08	PRACTICAL - IV
II YEAR		
9	AE022-09	INDUSTRY MANAGEMENT
10	AE022-10	AGRO BASED PRODUCTS MARKETING
11	AE022-11	AGRO BASED PRODUCTS - WASTE MANAGEMENT

12	AE022-12	PRACTICAL - V
13	AE022-13	PRACTICAL - VI
14	AE022-14	PRACTICAL - VII

COURSE CODE: AE026

COURSE NAME: BSS DIPLOMA IN CROPS PRODUCTION

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE026-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE026-02	PRINCIPLES OF CROP PRODUCTION
3	AE026-03	MANAGEMENT OF SOIL AND ITS PRODUCTIVITY
4	AE026-04	IRRIGATION PRINCIPLES AND PRACTICE
5	AE026-05	PRACTICAL - I
6	AE026-06	PRACTICAL - II
7	AE026-07	PRACTICAL - III
8	AE026-08	PRACTICAL - IV
II YEAR		
9	AE026-09	AGRONOMY OF FIELDS CROPS
10	AE026-10	WEEDS AND WEEDS CONTROL
11	AE026-11	INTENSIVE CROP PRODUCTION
12	AE026-12	PRACTICAL - V
13	AE026-13	PRACTICAL - VI
14	AE026-14	PRACTICAL - VII

COURSE CODE: AE034

COURSE NAME: BSS DIPLOMA IN MEDICINAL PLANT CULTIVATION TECHNOLOGY

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE034-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE034-02	MEDICINAL SEED PRODUCTION
3	AE034-03	MEDICINAL PLANT FARMING
4	AE034-04	MEDICINAL PLANT MANAGEMENT
5	AE034-05	PRACTICAL - I
6	AE034-06	PRACTICAL - II
7	AE034-07	PRACTICAL - III
8	AE034-08	PRACTICAL - IV
II YEAR		

9	AE034-09	MEDICINAL PLANTS CULTIVATION METHODS
10	AE034-10	MEDICINAL PLANTS STORAGE
11	AE034-11	HARVESTING MEDICINAL PLANTS
12	AE034-12	PRACTICAL - V
13	AE034-13	PRACTICAL - VI
14	AE034-14	PRACTICAL - VII

COURSE CODE: AE037

COURSE NAME: BSS DIPLOMA IN FOOD PRESERVATION TECHNOLOGY

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE037-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE037-02	PRINCIPLES OF FOOD PRESERVATION
3	AE037-03	COLD STORAGE TECHNIQUES
4	AE037-04	FOOD PRESERVATION METHODS
5	AE037-05	PRACTICAL - I
6	AE037-06	PRACTICAL - II
7	AE037-07	PRACTICAL - III
8	AE037-08	PRACTICAL - IV
II YEAR		
9	AE037-09	LATEST TECHNOLOGY IN FOOD PRESERVATION
10	AE037-10	WASTE MANAGEMENT
11	AE037-11	FOOD PRESERVATION EQUIPMENTS
12	AE037-12	PRACTICAL - V
13	AE037-13	PRACTICAL - VI
14	AE037-14	PRACTICAL - VII

COURSE CODE: AE039

COURSE NAME: BSS DIPLOMA IN FOOD TECHNOLOGY

COURSE DURATION: TWO YEARS

SNo	Subject Code	Subject
I YEAR		
1	AE039-01	COMMUNICATIVE ENGLISH AND COMPUTER FUNDAMENTALS
2	AE039-02	PRINCIPLES OF FOOD
3	AE039-03	PRINCIPLES OF AGRICULTURE
4	AE039-04	FOOD PROCESSING TECHNIQUES
5	AE039-05	PRACTICAL - I
6	AE039-06	PRACTICAL - II

7	AE039-07	PRACTICAL - III
8	AE039-08	PRACTICAL - IV
II YEAR		
9	AE039-09	MACHINERIES FOR FOOD TECHNOLOGY
10	AE039-10	WASTE MANAGEMENT
11	AE039-11	FOOD PRESERVATION MANAGEMENT
12	AE039-12	PRACTICAL - V
13	AE039-13	PRACTICAL - VI
14	AE039-14	PRACTICAL - VII

COURSE CODE: AE041

COURSE NAME: CERTIFICATE IN AGRICULTURE SCIENCE

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE041-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS
2	AE041-02	SEED PRODUCTION
3	AE041-03	SOIL MANAGEMENT
4	AE041-04	FARMING METHODS
5	AE041-05	PRACTICAL - I
6	AE041-06	PRACTICAL - II
7	AE041-07	PRACTICAL - III
8	AE041-08	PRACTICAL - IV

COURSE CODE: AE043

COURSE NAME: BSS DIPLOMA IN PLANT PROTECTION AND PESTICIDES MANAGEMENT

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE043-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)
2	AE043-02	PLANT PROTECTION TECHNIQUES
3	AE043-03	PLANT PROTECTION CHEMICALS
4	AE043-04	INTEGRATED PEST,DISEASES AND WEED CONTROL
5	AE043-05	MEDICINAL PLANT MANAGEMENT
6	AE043-06	MEDICINAL SEEDS PRODUCTION
7	AE043-07	PRACTICAL - I
8	AE043-08	PRACTICAL - II
9	AE043-09	PRACTICAL - III
10	AE043-10	PRACTICAL - IV
11	AE043-11	PRACTICAL - V
12	AE043-12	PRACTICAL - VI

COURSE CODE: AE044

COURSE NAME: BSS DIPLOMA IN HORTICULTURE SUPERVISOR TRAINING

COURSE DURATION: ONE YEAR

SNo	Subject Code	Subject
1	AE044-01	COMMUNICATIVE ENGLISH & COMPUTER FUNDAMENTALS (MS-OFFICE)
2	AE044-02	NURSERY MANAGEMENT & PLANT PROPAGATION, FRUIT PRODUCTION
3	AE044-03	ADVANCE TECHNOLOGY IN HORTICULTURE CROPS-I & VEGETABLE CULTIVATION
4	AE044-04	CULTIVATION OF MEDICINAL,AROMATIC PLANTS & FLOWER PRODUCTION
5	AE044-05	POST HARVEST MANAGEMENT, PROCESSING & VALUE ADDITION
6	AE044-06	COMMERCIAL CULTIVATION ON HORTICULTURE CROPS & SPICES PRODUCTION
7	AE044-07	LANDSCAPE,INDOOR GARDENING & SEED PRODUCTION TECHNOLOGY OF VEGETABLES & FLOWERS
8	AE044-08	PRACTICAL - I
9	AE044-09	PRACTICAL - II
10	AE044-10	PRACTICAL - III
11	AE044-11	PRACTICAL - IV
12	AE044-12	PRACTICAL - V
13	AE044-13	PRACTICAL - VI
14	AE044-14	PRACTICAL - VII