

**COURSES OFFERED IN DIFFERENT SEMESTERS OF 4 YEARS BACHELOR OF  
TECHNICAL EDUCATION – LIVESTOCK EXTENSION (B. TECH. ED. –  
LIVESTOCK EXTENSION)**

**First Year**

Semester 1		Cr. Hrs	Semester 2		Cr. Hrs
EDEL101	General English -I	3	EDEL102	General English -II	3
EDUC101	Foundation of Education	3	EDTE104	Instructional Skills–2 (T)	2
				Instructional Skills–2 (P)	1
EDTE101	Computer Application-I	3	EDTE105	Computer Application-II	3
EDTE102	Instructional Skills-1 (T)	2	EDTE106	Instructional Skills–3 (T)	2
	Instructional Skills-1 (P)	1		Instructional Skills–3 (P)	1
EDTE103	Applied science (T)	2	EDTE107	Basic/Rural Technology	3
	Applied science (P)	1			
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>

**Second Year**

Semester 1		Cr. Hrs	Semester 2		Cr. Hrs
EDUC201	Human Development and Learning	3	EDLS204	Introduction to Dairy Science (T)	2
EDTE201	Computer Application –III	3		Introduction to Dairy Science (P)	1
EDLS201	Biochemistry (T)	2	EDLS205	Animal Nutrition, Forage and Fodder Production (T)	3
	Biochemistry (P)	1		Animal Nutrition, Forage and Fodder Production (P)	2
EDLS202	Introduction to Animal Husbandry (T)	3	EDLS206	Animal Health I-Anatomy and physiology (T)	3
	Introduction to Animal Husbandry (P)	2		Animal Health I-Anatomy and physiology (P)	1
EDLS203	Introductory Aquaculture (T)	1	EDLS207	Livestock Production (Ruminant) - (T)	3
	Introductory Aquaculture (P)	1		Livestock Production (Ruminant) - (P)	1
ED**20*	Elective (T)	2			
	Elective (P)	1			
<b>Total</b>		<b>19</b>	<b>Total</b>		<b>16</b>

**Second Year Electives**

EDTE202: Instructional Media Development,  
 EDTE203: Training Needs Assessment,  
 EDTE204: Learners Assessment and Evaluation,  
 EDLS208: Microbiology

**Third Year**

Semester 1		Cr. Hrs	Semester 2		Cr. Hrs
EDUC301	Curriculum and Evaluation	3			
EDLS301	Animal Health II (T)	3	EDLS304	Genetics and animal breeding (T)	3
	Animal Health II (P)	1		Genetics and animal breeding (P)	1
EDLS302	Swine and poultry production (T)	3	EDLS305	Animal Reproduction and Biotechnology (T)	2
	Swine and poultry production (P)	1		Animal Reproduction and Biotechnology (P)	1
EDLS303	Livestock product processing and marketing (T)	2	EDLS306	Livestock Extension and Sociology (T)	2
	Livestock product processing and marketing (P)	1		Livestock Extension and Sociology (P)	1
ED**30*	Elective (T)	2	ED**30*	Elective (T)	2
	Elective (P)	1		Elective (P)	1
			EDTE301	TEVT Development and Planning	3
	<b>Total</b>	<b>18</b>		<b>Total</b>	<b>16</b>

**Third Year Elective**

EDTE 302: Facilitation and Moderation,  
 EDTE 303: Environmental protection,  
 EDTE 304: Training Course Design,  
 EDLS 307: Parasitology,  
 EDLS 308: General Pathology

**Fourth Year**

Semester 1		Cr. Hrs	Semester 2		Cr. Hrs
EDLS401	Economics and Farm Business Management (T)	3	EDTE402	Basic Statistics	2
	Economics and Farm Business Management (P)	1	EDTE403	Introduction to Research	3
EDLS402	Animal Health III (T) - Diseases Control, Internal Medicine and Pharmacology	3	EDUC441	Teaching Internship	3
	Animal Health III (P) - Diseases Control, Internal Medicine and Pharmacology	1			
EDLS403	Animal welfare, biodiversity and wildlife conservation	2	EDUC442	Research Internship	3
EDTE401	Occupational Instructional Skills-1 (T) (Project/Course)	2			
	Occupational Instructional Skills-1 (P) (Project/Course)	2			
EDTE402	Enterprise Development (T)	3			
	Enterprise Development (P)	2			
<b>Total</b>		<b>19</b>	<b>Total</b>		<b>11</b>

**COURSE STRUCTURE IN DIFFERENT SEMESTERS OF BACHELOR OF  
TECHNICAL EDUCATION – AGRICULTURE (B. TECH. ED. – AGRICULTURE)**

**First Year**

Semester 1			Cr. Hrs	Semester 2			Cr. Hrs
EDEL101	General English -I	3		EDEL102	General English -II	3	
EDUC101	Foundation of Education	3		EDTE104	Instructional Skills-2 (T)	2	
					Instructional Skills-2 (P)	1	
EDTE101	Computer Application-I	3		EDTE105	Computer Application-II	3	
EDTE102	Instructional Skills-1 (T)	2		EDTE106	Instructional Skills-3 (T)	2	
	Instructional Skills-1 (P)	1			Instructional Skills-3 (P)	1	
EDTE103	Applied science (T)	2		EDTE107	Basic/Rural Technology	3	
	Applied science (P)	1					
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>

**Second Year**

Semester 1			Cr. Hrs	Semester 2			Cr. Hrs
EDUC201	Human Development and Learning	3		EDAG204	Introductory Plant Protection (T)	2	
EDTE201	Computer Application –III	3			Introductory Plant Protection (P)	1	
EDAG201	Soil science and Plant nutrient management (T)	3		EDAG205	Agriculture Extension and Sociology (T)	2	
	Soil science and Plant nutrient management (P)	1			Agriculture Extension and Sociology (P)	1	
EDAG202	Introductory Agronomy (T)	2		EDAG206	Farm Power and Machinery (T)	1	
	Introductory Agronomy (P)	1			Farm Power and Machinery (P)	1	
EDAG203	Introductory Horticulture (T)	2		EDAG207	Genetic and plant breeding (T)	3	
	Introductory Horticulture (P)	1			Genetic and plant breeding (P)	1	
ED**20*	Elective (T)	2		ED**20**	Elective (T)	2	
	Elective (P)	1			Elective (P)	1	
<b>Total</b>			<b>19</b>	<b>Total</b>			<b>15</b>

**Second Year Electives**

EDTE202: Instructional Media Development,  
 EDTE203: Training Needs Assessment,  
 EDTE204: Learners Assessment and Evaluation,  
 EDLS208: Social Mobilization and Community Development  
 EDAG209: Leadership Development

**Third Year**

Semester 1			Cr. Hrs	Semester 2			Cr. Hrs	
EDUC301	Curriculum and Evaluation	3		EDAG305	Commercial Field Crop Production (T)	3		
EDAG301	Biochemistry and Plant Physiology (T)	3			Commercial Field Crop Production (P)	2		
	Biochemistry and Plant Physiology (T)	1			EDAG306	Commercial Fruit Crop Production (T)	3	
EDAG302	Principle and Practices of Seed Production Technology(T)	2				Commercial Fruit Crop Production (T)	2	
	Principle and Practices of Seed Production Technology(P)	1		EDAG307	Organic Agriculture and Plantation Crops (T)	1		
EDAG303	Commercial Vegetable and spices crop production (T)	3			Organic Agriculture and Plantation Crops (T)	1		
	Commercial Vegetable and spices crop production (P)	1		ED**30*	Elective (T)	2		
EDAG304	Insect, Pest and Diseases Management (T)	3			Elective (P)	1		
	Insect, Pest and Diseases Management (P)	2		EDTE301	TEVT Development and Planning	3		
<b>Total</b>				<b>19</b>	<b>Total</b>			<b>18</b>

**Third Year electives**

EDTE 302: Facilitation and Moderation,  
 EDTE 303: Environmental protection,  
 EDTE 304: Training Course Design  
 EDAG 308: Agriculture and Environmental Economics  
 EDAG 309: Agribusiness Management, Marketing and Cooperatives

**Fourth Year**

Semester 1			Cr. Hrs	Semester 2			Cr. Hrs
EDAG401	Agriculture Economics and Farm Business Management (T)	3	EDAG404	Ornamental Horticulture and Land Scaping (T)	1		
	Agriculture Economics and Farm Business Management (P)	1		Ornamental Horticulture and Land Scaping (P)	1		
EDAG402	Post Harvest and Processing Technology (T)	2	EDTE402	Basic Statistics	2		
	Post Harvest and Processing Technology (P)	1	EDTE403	Introduction to Research	3		

EDAG403	Industrial Entomology and Mushroom Cultivation (T)	2	EDUC441	Teaching Internship	3
	Industrial Entomology and Mushroom Cultivation (T)	1			
EDTE401	Occupational Instructional Skills-1 (T) (Project/Course)	2	EDUC442	Research Internship	3
	Occupational Instructional Skills-1 (P) (Project/Course)	2			
EDTE402	Enterprise Development (T)	3	<b>Total 13</b>		
	Enterprise Development (P)	2			
<b>Total</b>		<b>19</b>			