

[illegible]

Bioprospecting and Plant Resource Utilization												
CO1: Proficient Identification and Analysis of Plant Resources	✓			✓		✓						
CO2: Competence in Phytochemical and Biological Assays	✓	✓			✓					✓		
CO3: Practical Experience and Application of Plant Resources in Industry and Research	✓		✓	✓			✓	✓	✓		✓	✓
SAD266514P Pharmacognosy												
CO1: Proficient in Phytochemical Analysis and Testing	✓		✓		✓			✓				✓
CO2: Expertise in Pharmacognostic Procedures for Plant Drug Standardization	✓	✓		✓		✓	✓			✓		
CO3: Competence in Extraction and Quality Assessment of Plant Materials				✓								
SAD266524P Plant Physiology and Metabolism												
CO1: Proficiency in Protein and Amino Acid Analysis	✓											
CO2: Expertise in Enzyme Activity and Immobilization Techniques	✓			✓	✓	✓			✓	✓		✓
CO3: Competence in Extraction, Estimation, and Analysis of Plant Metabolites	✓	✓	✓	✓			✓	✓	✓		✓	✓
SAD266534P Genetic Engineering and Bioinformatics - II												
CO1: Mastery of Bioinformatics Databases and File Formats	✓	✓					✓					
CO2: Proficiency in Sequence Analysis and Structural Prediction	✓	✓			✓	✓		✓		✓		✓
CO3: Competence in Literature and Database Searches	✓		✓	✓					✓	✓	✓	
SBD266544T Advanced Genetics - II					✓							

CO1: Comprehensive Understanding of Molecular Genetic Processes	✓								✓			
CO2: Proficiency in Gene Regulation and Human Genetics						✓				✓		✓
CO3: Insight into Population Genetics and Cell Communication	✓		✓	✓			✓	✓			✓	
SBD266544P Advanced Genetics - II												
CO1: Comprehensive Understanding of Molecular Genetic Processes	✓		✓							✓		
CO2: Proficiency in Gene Regulation and Human Genetics	✓	✓	✓	✓	✓		✓			✓		
CO3: Insight into Population Genetics and Cell Communication	✓			✓		✓		✓	✓		✓	✓
SBD266554T Mycology and Plant Pathology - IV												
CO1: Expertise in Seed Pathology and Seed Health Management	✓				✓							
CO2: Proficiency in Mycotoxins and Plant Defense Mechanisms		✓		✓		✓			✓	✓		
CO3: Understanding and Application of Integrated Pest Management (IPM)	✓		✓	✓	✓		✓	✓			✓	✓
SBD266554P Mycology and Plant Pathology - IV												
CO1: Proficiency in Fungal Isolation and Identification	✓		✓							✓		
CO2: Expertise in Mycotoxin Production and Bioassay	✓	✓	✓	✓	✓		✓			✓		
CO3: Application of Endophytic Fungi and Field Experience	✓			✓		✓		✓	✓		✓	✓
SBD266564T Taxonomy of Angiosperms – IV												
CO1: Competence in Taxonomic Character Assessment and Feature Study	✓				✓							
CO2: Skills in Numerical Taxonomy		✓		✓		✓			✓	✓		

[illegible]