ACADEMIC PLANNER EVEN SEMESTER 2022-23 NAME OF THE DEPARTMENT:GENETICS(HONS) DSCC DISCIPLINE SPECIFIC CORE COURSE

SEMESTER II SEM	LSIEK SUI	BJECT TITLE: DSCC5GENT2-BIOINSTRUMENTATION AND PAPER	AIMMAL CELL CULTURE	
WEEK/MONTH & DATE (PREFERABLY) DAY		PORTIONS PLANNED FOR 1 HOUR	TEACHER	
MAY FIRST WEEK	1	MICROSCOPY: INTRODUCTIO AND HISTROY	PRIYADARSHINI P.A	
	2	PRINCIPLE AND OPTICAL COMPONENTS OF MICROSCOPE	PRIYADARSHINI P.A	
	3	INSTRUMENTS USED IN SEPARATION TECHNIQUES-	JALAJAKSHI.S	
	3	CENTRIFUGATION-PRINCIPLE	3712737110711.5	
	4	APPLICATION OF CENTRIFUGE	JALAJAKSHI.S	
MAY SECOND WEEK	1	COMPONENTS OF MICROSCOPE	PRIYADARSHINI P.A	
	2	TYPES OF MICROSCOPES-SIMPLE	PRIYADARSHINI P.A	
	3	TYPES OF CENTRIFUGE-HIGH SPEED CENTRIFUGE	JALAJAKSHI.S	
	4	ULTRA CENTRIFUGE	JALAJAKSHI.S	
MAY THIRD WEEK	1	COMPOUND MICROSCOPE	PRIYADARSHINI P.A	
	3	LIGHT MICROSCOPE REFRIGERATED CENTRIFUGE	PRIYADARSHINI P.A JALAJAKSHI.S	
	4	ROTORS -TYPES , VERTICAL , SWING, FIXED ANGLE	JALAJAKSHI.S JALAJAKSHI.S	
MAY FOURTH WEEK	1	FLOURESCENCE MICROSCOPE	PRIYADARSHINI P.A	
MAT TOOKTH WEEK	2	ELECTRON MICROSCOPE	PRIYADARSHINI P.A	
	3	CHROMATOGRAPHY-PRINCIPLE, TYPES, APPLICATION	JALAJAKSHI.S	
	4	PAPER CHROMATOGRAPHY	JALAJAKSHI.S	
JUNE FIRST WEEK	1	PHASE CONTRAST MICROSCOPE	PRIYADARSHINI P.A	
	2	CONFOCAL MICROSCOPE	PRIYADARSHINI P.A	
	3	ION EXCHANGE	JALAJAKSHI.S	
	4	GEL FILTRATION	JALAJAKSHI.S	
JUNE SECOND WEEK	1	STERO MICROSCOPE	PRIYADARSHINI P.A	
	2	OPTICAL PATHWAY IN DIFFERENT MICROSCOPES	PRIYADARSHINI P.A	
	3	HPLC-CHROMATOGRAPHY	JALAJAKSHI.S	
	4	AFFINITY CHROMATOGRAPHY	JALAJAKSHI.S	
JUNE THIRD WEEK	1	USES OF MICROSCOPY AND BIOLOGICAL APPLICATION	PRIYADARSHINI P.A	
	2	MEDICAL SCIENCES ,FORENSCIC LABORATORIES	PRIYADARSHINI P.A	
	3	ELECTROPHORESIS-PRINCIPLE AND APPLICATION OF	JALAJAKSHI.S	
		ELECTROPHORESIS		
	4	TYPES OF ELECTROPHORESIS-VERTICAL	JALAJAKSHI.S	
JUNE FOURTH WEEK	1	ANALYTICAL INSTRUMENT-PH METER PRINCIPLE	PRIYADARSHINI P.A	
	2	COMPONENTS OF PH METER	PRIYADARSHINI P.A	
	3	HORIZANTAL ELECTROPHORESIS	JALAJAKSHI.S	
WWW. W. FYD.CT WYDDW	4	COMPONENTS OF ELECTROPHORESIS	JALAJAKSHI.S	
JULY FIRST WEEK	2	INTERNAL TEST		
	3	INTERNAL TEST		
	4			
JULY SECOND WEEK	1	THERMOMETER-PRINCIPLE	PRIYADARSHINI P.A	
	2	TYPESOF THERMOMETERS	PRIYADARSHINI P.A	
	3	ANIMAL CELL CULTURE-PRINCIPLE, CELL TYPES	JALAJAKSHI.S	
	4	CELL LINES,PRIMARY AND SECONDARY CULTURE	JALAJAKSHI.S	
IULY THIRD WEEK	1	COLORIMETER-PRINCIPLE AND APPLICATION	PRIYADARSHINI P.A	
	2	SPECTROPHOTOMETER-LAWIN SPECTROMETER	PRIYADARSHINI P.A	
	3	CRYOPRESERVATION	JALAJAKSHI.S	
	4	CONTAMINATION	JALAJAKSHI.S	
JULY FOURTH WEEK	1	UV SPECTROPHOTOMETERS	PRIYADARSHINI P.A	
	2	AAS,ESR	PRIYADARSHINI P.A	
	3	ORGANOTYPIC CULTURE	JALAJAKSHI.S	
	4	REQUIREMENTS IN ANIMAL CULTURE-EQUIPMENTS	JALAJAKSHI.S	
AUGUST FIRST WEEK	1	AND TECHNIQUES NUCLEAR MAGNETIC RESONANCE (NMR)	PRIYADARSHINI P.A	
AUGUST FIKST WEEK	2	NUCLEAR MAGNETIC RESONANCE (NMR) STERLIZATION METHODS-AUTOCLAVE	PRIYADARSHINI P.A PRIYADARSHINI P.A	
	3	CELL CULTURE MEDIA-NATURAL AND DEFINED	JALAJAKSHI.S	
	3	COMPONENTS OF SERUM IN CULTURE	or in the state of	
	4	INVITRO TRANSFORMATION OF ANIMAL CELLS AND	JALAJAKSHI.S	
		TYPES		
AUGUST SECOND WEEK	1			
AUGUST SECOND WEEK	2			
AUGUST SECOND WEEK	3	ASSIGNMENT CORRECTION AND DISCUSSION		
	2 3 4			
	2 3 4 1	STEAM AND HEAT STERLIZERS	PRIYADARSHINI P.A	
	2 3 4 1 2	STEAM AND HEAT STERLIZERS OVENS AND UV CHAMBERS	PRIYADARSHINI P.A	
	2 3 4 1 2 3	STEAM AND HEAT STERLIZERS OVENS AND UV CHAMBERS APPLICATIONS OF CELL CULTURE-AMINOCENTESIS	PRIYADARSHINI P.A JALAJAKSHI.S	
AUGUST THIRD WEEK	2 3 4 1 2 3 4	STEAM AND HEAT STERLIZERS OVENS AND UV CHAMBERS APPLICATIONS OF CELL CULTURE-AMINOCENTESIS MUTAGENISIS ,CYTOTOXICITY	PRIYADARSHINI P.A	
AUGUST THIRD WEEK	2 3 4 1 2 3 4 1	STEAM AND HEAT STERLIZERS OVENS AND UV CHAMBERS APPLICATIONS OF CELL CULTURE-AMINOCENTESIS MUTAGENISIS ,CYTOTOXICITY REVISION CLASS AND	PRIYADARSHINI P.A JALAJAKSHI.S	
AUGUST SECOND WEEK AUGUST THIRD WEEK AUGUST FOURTH WEEK	2 3 4 1 2 3 4	STEAM AND HEAT STERLIZERS OVENS AND UV CHAMBERS APPLICATIONS OF CELL CULTURE-AMINOCENTESIS MUTAGENISIS ,CYTOTOXICITY	PRIYADARSHINI P.A JALAJAKSHI.S	

	IV SEM	ESTER SUBJECT TITLE: GNT 401: MOLECULAR GE	NETICS
SEMESTER A DATE		PAPER	WELL CHARD
WEEK/MONTH & DATE	DAY	PORTIONS PLANNED FOR 1 HOUR	TEACHER
(PREFERABLY) MAY FIRST WEEK	1	GENETIC CODE	PRIYADARSHINI P.A
MAI FIRST WEEK	2	GENETIC CODE: FEATURES	PRIYADARSHINI P.A
	2	GENETIC CODE. TENTONES	TRITADINGIMAT III
	3	CHEMICAL BASIS OF HEREDITY	JALAJAKSHI.S
	4	DNA AS A GENETIC MATERIAL-EXPERIMENT OF	JALAJAKSHI.S
		GRIFFITH,.	
MAY SECOND WEEK	1	TRANSCRIPTION- INITIATION	PRIYADARSHINI P.A
	2	TRANSCRIPTION- ELONGATION	PRIYADARSHINI P.A
	3	AVERY, MC CLOID AND MC CARTHY EXPERIMENTS OF HARSHEY AND CHASE	JALAJAKSHI.S JALAJAKSHI.S
MAY THIRD WEEK	1	TRANSCRIPTION - TERMINATION	PRIYADARSHINI P.A
WILL THIRD WEEK	2	POST TRASCRIPTIONAL MODIFICATION	PRIYADARSHINI P.A
	3	RNA AS GENETIC MATERIAL.	JALAJAKSHI.S
	4	MOLECULAR STRUCTURE OF DNA	JALAJAKSHI.S
MAY FOURTH WEEK	1	RNA SPLICING	PRIYADARSHINI P.A
	2	TRANSLATION- INITIATION	PRIYADARSHINI P.A
	3	CHARGAFFS RULE	JALAJAKSHI.S
	4	FORMS OF DNA	TAL ALAVCIII C
	4	TYPES AND STRUCTURE RIBOZYMES.	JALAJAKSHI.S
JUNE FIRST WEEK	1	TRANSLATION- ELONGATION	PRIYADARSHINI P.A
TO LEAD TO THE LAND TO THE LAN	2	TRANSLATION- ELONGATION TRANSLATION- TERMINATION	PRIYADARSHINI P.A
	3	RNA TYPES - MRNA	JALAJAKSHI.S
	4	RNA TYPES – TRNA	JALAJAKSHI.S
JUNE SECOND WEEK	1	POST TRANSLATIONAL MODIFICATION OF	PRIYADARSHINI P.A
		PROTEINS	
	2	CONCEPT OF OPERON	PRIYADARSHINI P.A
	3	RNA TYPES – RRNA	JALAJAKSHI.S
HAIF WHAD WEEK	4	RIBOZYMES	JALAJAKSHI.S
JUNE THIRD WEEK	2	LAC OPERON CATABOLIC REPRESSION	PRIYADARSHINI P.A PRIYADARSHINI P.A
	3	MESELSON AND STHAL EXPERIMENT	JALAJAKSHI.S
	3	WESTESON AND STIME EXI EXIMENT	JALAWA KSIII.S
	4	REPLICATION IN PROKARYOTES- INITIATION	JALAJAKSHI.S
JUNE FOURTH WEEK	1	TRYPTOPHAN OPERON	PRIYADARSHINI P.A
	2	GENOMINS AND PROTEOMICS	PRIYADARSHINI P.A
	3	REPLICATION IN PROKARYOTES- ELONGATION	JALAJAKSHI.S
	4	REPLICATION IN PROKARYOTES-	JALAJAKSHI.S
		TERMINATION	
JULY FIRST WEEK	1		
JOET TIKST WEEK	2	INTERNAL TEST	
	3		
	4		
JULY SECOND WEEK	1	METABOLOMICS, MICROBIOME	PRIYADARSHINI P.A
	2	INTRODUCTION TO TYPES OF GENE	PRIYADARSHINI P.A
	2	MUTATIONS PERMICATION IN FLUX ARMOTES, INVENTATION	TAT A LA VOLTE G
	3	REPLICATION IN EUKARYOTES - INITIATION	JALAJAKSHI.S
JULY THIRD WEEK	1	REPLICATION IN EUKARYOTES - ELONGATION PLEIOTROPY	JALAJAKSHI.S PRIYADARSHINI P.A
JOLI IHIND WEEK	2	I LEIO I ROF I	PRIYADARSHINI P.A PRIYADARSHINI P.A
	3	REPLICATION IN EUKARYOTES - TERMINATION	JALAJAKSHI.S
	4	ROLLING CIRCLE REPLICATION	JALAJAKSHI.S
JULY FOURTH WEEK	1	MUTAGENS - PHYSICAL	PRIYADARSHINI P.A
	2	MUTAGENS - CHEMICAL	PRIYADARSHINI P.A
	3	FINE STRUCTURE OF GENE	JALAJAKSHI.S
	4	CHLOROPLAST GENOME	JALAJAKSHI.S
A VACAVIANT PUR OF THE CO.		LOGICAN CENTRA CONTRA C	
AUGUST FIRST WEEK	1	ASSIGNMENTS CORRECTION AND DISCUSSION	
	3	_	
	4	\dashv	
AUGUST SECOND WEEK	1	TRASPOSABLE ELEMENTS IN BACTERIA AND	PRIYADARSHINI P.A
JOST SECOND WEEK	1	YEAST	
	2	TRANSPOSABLE ELEMENTS IN MAIZE AND	PRIYADARSHINI P.A
		DROSOPHILA	
	3	MITOCHONDRIAL GENOME	JALAJAKSHI.S
	4	BACTERIAL GENETICS- TRANSFORMATION	JALAJAKSHI.S
AUGUST THIRD WEEK	1	DNA REPAIR MECHANISM	PRIYADARSHINI P.A
	2	MUTATION AND SIGNIFICANCE	PRIYADARSHINI P.A
	3	TRANSDUCTION	JALAJAKSHI.S
AUGUST FOURT WEEK	4	CONJUGATION	JALAJAKSHI.S
AUJUST FOURT WEEK		QUESTION PAPER DISCUSSION	
	-	QUEDITOR THE ER DISCUSSION	

	ESTER	PAPER-7 SUBJECT TITLE: GNT 601: DEVELOPMENT AND EVO	DLUTIONARY GENETICS	
SEMESTER WEEK/MONTH & DATE DAY		PAPER PORTIONS PLANNED FOR 1 HOUR	TEACHER	
PREFERABLY)				
MAY FIRST WEEK	2	QUATITATIVE CHARACTERS TYPES OF QUATITATIVE CHARACTERS	PRIYADARSHINI P.A PRIYADARSHINI P.A	
	3	EARLY EMBRYONIC DEVELOPMENT IN FROG	JALAJAKSHI.S	
	4	CLEAVAGE, BLASTULA AND GASTRULA	JALAJAKSHI.S	
MAY SECOND WEEK	1	CONTINUOUS,MERISTIC CHARACTERS	PRIYADARSHINI P.A	
	2	THRESHOLD CHARACTERS	PRIYADARSHINI P.A	
	3	NUCLEAR TRANSPLANTATION IN AMPHIBIANS	JALAJAKSHI.S	
	4	NUCLEAR TRANSPLANTATION IN ACETABULARIA	JALAJAKSHI.S	
MAY THIRD WEEK	1	FEATUREES OF POLYGENIC TRAITS	PRIYADARSHINI P.A	
	2	OLIGOGENEIC TRAITS	PRIYADARSHINI P.A	
	3	ARABIDOPSIS FLOWER DEVELOPMENT	JALAJAKSHI.S	
MAY FOURTH WEEK	1	FLORAL MORPHOGENESIS KERNEL COLOR IN WHEAT	JALAJAKSHI.S PRIYADARSHINI P.A	
MAT FOURTH WEEK	2	SKIN COLOR IN HUMANS	PRIYADARSHINI P.A	
	3	HOMEOTIC GENE EXPRESSION	JALAJAKSHI.S	
	4	DROSOPHILA EARLY DEVELOPMENT- INTRODUCTION	JALAJAKSHI.S JALAJAKSHI.S	
UNE FIRST WEEK	1	EVOLUTIONARY AGENTS	PRIYADARSHINI P.A	
	2	EVOLUTIONARY AGENTS	PRIYADARSHINI P.A	
	3	ORIGIN OF ANTERIOR- POSTERIOR POLARITY	JALAJAKSHI.S	
	4	DORSO- VENTRAL POLARITY	JALAJAKSHI.S	
UNE SECOND WEEK	1	TRANSGRESSIVE INHERITANCE IN POULTRY	PRIYADARSHINI P.A	
	2	ENVIRONMENT EFFECTS – IQ IN HUMANS	PRIYADARSHINI P.A	
	3	ROLE OF MATERNAL GENES	JALAJAKSHI.S	
A DATE WANTED WHEELY	4	ROLE OF ZYGOTIC GENES	JALAJAKSHI.S	
UNE THIRD WEEK	1	INTRODUCTION TO CORRELATION REGRESSION	PRIYADARSHINI P.A	
	3	HOMEOTIC SELECTOR GENES	PRIYADARSHINI P.A JALAJAKSHI.S	
	4	DIFFERENTIAL EXPRESSION OF HAEMOGLOBIN	JALAJAKSHI.S JALAJAKSHI.S	
UNE FOURTH WEEK	1	ANOVA	PRIYADARSHINI P.A	
ONE FOORTH WEEK	2	GENETIC ANALYSIS OF QUATITATIVE TRAITS	PRIYADARSHINI P.A	
	3	DARWINISM, NOE DARWINIAM	JALAJAKSHI.S	
	4	SYNTHETIC THEORY	JALAJAKSHI.S	
ULY FIRST WEEK	1		•	
	2	INTERNAL TEST		
	3			
WWW. CEGOVIE WIELK	4	THE VENOTIVE BY CODY	I DDW/ LD LDGWM W D L	
JULY SECOND WEEK	1	EAR LENGTH IN CORN	PRIYADARSHINI P.A	
		VARIENCE IN POLYGENIC TRAITS	PRIYADARSHINI P.A	
	2	EVOLUTION AT MOLECULAR LEVEL MUCLOTURE CEQUENCE		
	3	EVOLUTION AT MOLECULAR LEVEL- NUCLOTIDE SEQUENCE	JALAJAKSHI.S	
III Y THIRD WEEK	3 4	NUCLEOTIDE SEQUENCE, GENEPOOL	JALAJAKSHI.S	
ULY THIRD WEEK	3	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE	JALAJAKSHI.S PRIYADARSHINI P.A	
ULY THIRD WEEK	3 4 1	NUCLEOTIDE SEQUENCE, GENEPOOL	JALAJAKSHI.S	
ULY THIRD WEEK	3 4 1 2	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
	3 4 1 2 3	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S	
	3 4 1 2 3 4 1 2	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
	3 4 1 2 3 4 1 2 3	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S	
ULY FOURTH WEEK	3 4 1 2 3 4 1 2 3 4	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S	
ULY FOURTH WEEK	3 4 1 2 3 4 1 2 3 4 1 1	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A	
ULY FOURTH WEEK	3 4 1 2 3 4 1 2 3 4 1 2 2 3 4	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
ULY FOURTH WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S	
ULY FOURTH WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 4 1 2 3 4 4 1 4 1 4 1 2 3 4 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S	
ULY FOURTH WEEK	3 4 1 2 3 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A	
ULY FOURTH WEEK AUGUST FIRST WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 1 2 1 3 1 4 1 1 1 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PROBLEMS RELATED TO VARIANCE AND HERITABILITY	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
ULY FOURTH WEEK AUGUST FIRST WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 3 4 1 1 2 3 3 4 1 1 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 3 4 3 3 3 4 3 3 3 3 3 4 3	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PROBLEMS RELATED TO VARIANCE AND HERITABILITY PRE MATING ISOLATION MECHANISM	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
AUGUST THIRD WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PRE MATING ISOLATION MECHANISM POST MATING ISOLATION MECHANISM	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S	
ULY FOURTH WEEK AUGUST FIRST WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PROBLEMS RELATED TO VARIANCE AND HERITABILITY PRE MATING ISOLATION MECHANISM POST MATING ISOLATION MECHANISM EVOLUTIONARY AGENTS- SELECTION AND TYPES	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
AUGUST FIRST WEEK AUGUST SECOND WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 4 1 2 3 4 4 1 2 3 4 4 1 1 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PRE MATING ISOLATION MECHANISM POST MATING ISOLATION MECHANISM	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S	
AUGUST FIRST WEEK AUGUST SECOND WEEK	3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 1 2 1 2 1 1 2 1 1 1 2 1 2 1 1 1 1 2 1	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PRE MATING ISOLATION MECHANISM POST MATING ISOLATION MECHANISM EVOLUTIONARY AGENTS- SELECTION AND TYPES MIGRATION	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
ULY FOURTH WEEK AUGUST FIRST WEEK AUGUST SECOND WEEK	3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 4 1 1 1 2 3 3 4 4 1 1 2 3 3 4 4 1 1 2 3 3 4 4 1 1 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PROBLEMS RELATED TO VARIANCE AND HERITABILITY PRE MATING ISOLATION MECHANISM POST MATING ISOLATION MECHANISM EVOLUTIONARY AGENTS- SELECTION AND TYPES MIGRATION ROLE OF ISOLATION IN SPECIATION	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A	
AUGUST FIRST WEEK AUGUST SECOND WEEK	3 4 1 2 3 4 1 2 3 4 1 1 2 3 4 1 1 2 3 4 4 1 1 2 3 4 4 1 1 2 3 4 4 1 1 2 3 4 4 1 1 2 3 4 4 1 1 2 3 4 4 4 1 4 1 2 3 4 4 4 4 4 4 1 3 4 4 4 4 4 4 4 4 4 4 4	NUCLEOTIDE SEQUENCE, GENEPOOL PHENOTYPIC AND GENOTYPIC VARIANCE ENVIRONMENTAL AND ADDITIVE VARIANCE GENE AND GENOTYPE FREQUENCY HARDY WEINBERG LAW DOMINANCE AND EPISTATIC VARIANCE GENOTYPE AND ENVIRONMENTAL VARIATION MUTATION AND RANDOM DRAFT SPECIATION BROAD SENSE AND NARROW SENSE HERITABILITY QUANTITATIVE TRAIT LOCI METHODS OF SPECIATION ISOLATION PROBLEMS RELATED TO VARIANCE AND HERITABILITY PROBLEMS RELATED TO VARIANCE AND HERITABILITY PRE MATING ISOLATION MECHANISM POST MATING ISOLATION MECHANISM EVOLUTIONARY AGENTS- SELECTION AND TYPES MIGRATION ROLE OF ISOLATION IN SPECIATION ROLE OF ISOLATION IN SPECIATION	JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A PRIYADARSHINI P.A JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHI.S JALAJAKSHINI P.A PRIYADARSHINI P.A	

		D + DED		
SEMESTER WEEK/MONTH & DATE	DATE DAY PORTIONS PLANNED FOR 1 HOUR		TEL CHED	
PREFERABLY)	DAY	PORTIONS PLANNED FOR I HOUR	TEACHER	
MAY FIRST WEEK	1	GERMPALM RESOROURCES - INTRODUCTION	PRIYADARSHINI P.A	
	2	GERMPLASM CLASSIFICATION	PRIYADARSHINI P.A	
	3	RECOMBIANT INSULIN	JALAJAKSHI.S	
	4	RECOMBINANT INTERFERON	JALAJAKSHI.S	
MAY SECONDWEEK	1	GERMPALSM ACTIVITIES	PRIYADARSHINI P.A	
	2	NBPGR, IBPGR	PRIYADARSHINI P.A	
	3	HUMAN GROWTH HARMONE	JALAJAKSHI.S	
MAY THIRD WEEK	1	VACCINES- HEPATITIS B GENETIC EROSIN	JALAJAKSHI.S PRIYADARSHINI P.A	
MAI IHIRD WEEK	2	BIODIVERSITY	PRIYADARSHINI P.A PRIYADARSHINI P.A	
	3	PREPARATION OF PROBES	JALAJAKSHI.S	
	4	MONOCLONAL ANTIBODIES	JALAJAKSHI.S	
MAY FOURTH WEEK	1	RED DATA BANK	PRIYADARSHINI P.A	
	2	ENDANGERED SPECIES	PRIYADARSHINI P.A	
	3	DIAGNOSTIC KITS	JALAJAKSHI.S	
	4	MICROARRAY	JALAJAKSHI.S	
UNE FIRST WEEK	1	EX- SITU AND INSITY CONSERVATION	PRIYADARSHINI P.A	
	2	VAVILONIAN CENTRES FOR BIODIVERSITY	PRIYADARSHINI P.A	
	3	METHODOLY OF DNA FINGERPRINTING	JALAJAKSHI.S	
	4	MOLECULAR MARKER RFLP	JALAJAKSHI.S	
UNE SECOND WEEK	1	GENE BANK AND CRYOPRESERVATION- TYPES	PRIYADARSHINI P.A	
	2	GENE BANK AND CRYOPRESERVATION- METHODS	PRIYADARSHINI P.A	
	3	MALOECULAR MARKER RAPD	JALAJAKSHI.S	
VALUE OF VALUE VAL	4	MICROSATELLITES, SNP	JALAJAKSHI.S	
UNE THIRD WEEK	1	INTRODUCTION TO HETEROSIS	PRIYADARSHINI P.A	
	3	HETEROSIS CHARACTERS STR,HER2- TESTING FOR BREAST CANCER	PRIYADARSHINI P.A JALAJAKSHI.S	
	4	FISH, FRAGILE X SYNDROME	JALAJAKSHI.S JALAJAKSHI.S	
UNE FOURTH WEEK	1	ANIMAL BREEDING INTRODUCTIONINBREEDING AND	PRIYADARSHINI P.A	
ONE FOORTH WEEK	1	GRADING	TRITADARSHINIT.A	
	2	CROSS BREEDING	PRIYADARSHINI P.A	
	3	MICROSATELLITE MARKER ANALYSIS	JALAJAKSHI.S	
	4	APLLICATION OF FORENSIC SCIENCE,	JALAJAKSHI.S	
ULY FIRST WEEK	1		·	
	2			
	3	INTERNAL TEST		
	4			
ULY SECOND WEEK	1	ARTIFICIAL INSEMINATION IN CATTLE	PRIYADARSHINI P.A	
	2	FISH BREEDING	PRIYADARSHINI P.A	
	3	MEDICOLEGAL ASPECTS	JALAJAKSHI.S	
HI V THIDD WEEK	4	INTRODUCTION TO BIOINFORMATICS	JALAJAKSHI.S	
ULY THIRD WEEK	2	SELECTION, INDUCED POLYPLOIDY GYNOGENESIS AND ANDROGENESIS	PRIYADARSHINI P.A	
	3	TOOLS OF BIOINFORMATICS- BLAST	PRIYADARSHINI P.A JALAJAKSHI.S	
	4	FASTA	JALAJAKSHI.S JALAJAKSHI.S	
JULY FOURTH WEEK	1	BREEDING STATAGIES IN ANIMALS	PRIYADARSHINI P.A	
	2	BREEDING STATAGIES IN ANIMALS BREEDING STATAGIES IN POULTRY	PRIYADARSHINI P.A	
	3	RASMOL	JALAJAKSHI.S	
	4	APPLICATIONS OF BIOINFORMATICS	JALAJAKSHI.S	
AUGUST FIRST WEEK	1	GENETIC CONCEPTS IN PLANTS	PRIYADARSHINI P.A	
	2	DOMINANCE AND OVER DOMINANCE	PRIYADARSHINI P.A	
	3	MATING BEHAVIOUR IN DROSOPHILA	JALAJAKSHI.S	
	4	HYGENIC BEHAVIOUR IN HONEYBEE	JALAJAKSHI.S	
UGUST SECOND WEEK	1	HYBRIDISATION TECHNIQUES	PRIYADARSHINI P.A	
	2	IDENTIFICATION OF HYBRID PLANTS	PRIYADARSHINI P.A	
	3	NESTING BEHAVIOUR IN ANTS	JALAJAKSHI.S	
	4	TERRITORIALITY BEHAVIOUR IN PRIMATES	JALAJAKSHI.S	
AUGUST THIRD WEEK	1	INBREEDING DEPRESSION	PRIYADARSHINI P.A	
	2	HYBRID VIGOUR IN RICE AND TOMATO	PRIYADARSHINI P.A	
	3	CONFLICT BEHAVIOUR IN PRIMATES	JALAJAKSHI.S	
LICHET FOURT WEEK	4	REVISION CLASS	JALAJAKSHI.S	
AUGUST FOURH WEEK	2	QUESTION PAPER DISCUSSION		
	3	QUESTION FAFER DISCUSSION		