

MAHARANA PRATAP MAHAVIDYALAYA ,JUNGLE DHUSAR

कक्षा : एम.एस-सी. IV Semester पाठ्यक्रम याजना : सत्र 2020-2021

विषय : वनस्पति विज्ञान ;BOTANY

दिनांक	व्याख्यान	पाठ्यापक का नाम	पत्र नम्बर	अध्याय	शीर्षक
01.01.2021	1	Miss Amrapali	I	Molecular Genetics	Nucleic acids : Structure and form of DNA,
01.01.2021	1	Dr. A.K.S.	II	Wheat, Rice, Maize	Plant biodiversity for Man and their importance; History, Botany, cultivation and processing
02.01.2021	1	DR AKS/ MISS AV	IV	Dissertation	Dissertation
02.01.2021	1	Miss Amrapali	III	Cytogenetics	Structural Changes in Chromosomes: Deletion, duplication,
04.01.2021	2	Dr. A.K.S.	II	Plant Resource Utilization	Legumes and Pulses,
04.01.2021	2	Miss Amrapali	I	Molecular Genetics	Circular DNA in bacteria and chloroplast
06.01.2021	2	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
06.01.2021	2	Miss Amrapali	III	Cytogenetics	Inversion (paracentric and pericentric),
07.01.2021	3	Dr. A.K.S.	II	Plant Resource Utilization	Forage crops
07.01.2021	3	Miss Amrapali	I	Molecular Genetics	Packaging of DNA,
08.01.2021	-		-	Class Teaching	
08.01.2021	3	Miss Amrapali	III	Cytogenetics	Translocation: cytology, genetics and their role in genome evolution
09.01.2021	3	DR AKS/ MISS AV	IV	Dissertation	Dissertation
09.01.2021	4	Miss Amrapali	I	Molecular Genetics	DNA melting (Tm), DNA annealing
11.01.2021	4	Dr. A.K.S.	II	Plant Resource Utilization	Fiber plants and their products
11.01.2021	4	Miss Amrapali	III	Cytogenetics	Robertsonian Translocation.
12.01.2021	4	DR AKS/ MISS AV	IV	Dissertation	Dissertation
12.01.2021	5	Miss Amrapali	I	GENOME COMPLEXITY	Cot curves, (unique, moderately repetitive, and highly repetitive or satellite DNA)
13.01.2021	5	Dr. A.K.S.	II	Plant Resource Utilization	Medicinal plants,
13.01.2021	5	Miss Amrapali	III	Cytogenetics	Numerical changes in chromosomes: Aneuploidy
16.01.2021	6	Miss Amrapali	I	Molecular Genetics	C-value and C-value paradox
16.01.2021	5	DR AKS/ MISS AV	IV	Dissertation	Dissertation
18.01.2021	-		-	Class Teaching	
18.01.2021	6	Dr. A.K.S.	II	Plant Resource Utilization	Drugs and narcotics
19.01.2021	6	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
19.01.2021	6	Miss Amrapali	III	Cytogenetics	Euploidy-cyto- genetics,role in crop improvement. Genetic counseling
20.01.2021	7	Miss Amrapali	I	Molecular Genetics	DNA replication in prokaryotes
20.01.2021	7	Dr. A.K.S.	II	Plant Resource Utilization	Drugs and narcotics

कक्षा : एम.एस-सी. IV Semester पाठ्यक्रम याजना : सत्र 2020-2021

विषय : वनस्पति विज्ञान BOTANY

दिनांक	व्याख्यान	पाठ्यापक का नाम	पृष्ठ नपत्र	अध्याय	शीर्षक
21.01.2021	7	Miss Amrapali	III	Cytogenetics	Quantitative inheritance, population genetics, Hardy-Weinberg equilibrium, genetic drift,
21.01.2021	7	DR AKS/ MISS AV	IV	Dissertation	Dissertation
22.01.2021	8	Miss Amrapali	I	Molecular Genetics	Eukaryotes (initiation, elongation,
22.01.2021	8	Dr. A.K.S.	II	Plant Resource Utilization	Fumitories and mastigatories
23.01.2021	8	DR AKS/ MISS AV	IV	Dissertation	Dissertation
23.01.2021	8	Miss Amrapali	III	Cytogenetics	Speciation, and adaptive radiation
25.01.2021			-	Monthly Evaluation	
25.01.2021	9	Dr. A.K.S.	II	Plant Resource Utilization	Beverage yielding plants
27.01.2021	9	Miss Amrapali	I	Molecular Genetics	Termination and regulation)
27.01.2021	9	Miss Amrapali	III	Plant Breeding	Introduction to plant breeding; Domestication; plant introduction and acclimatization,
28.01.2021	9	DR AKS/ MISS AV	IV	Dissertation	Dissertation
28.01.2021	10	Miss Amrapali.	I	Molecular Genetics	Fidelity of replication.
29.01.2021	10	Dr. A.K.S.	II	Plant Resource Utilization	Important wood and timber yielding plants
29.01.2021	10	Miss Amrapali	III	GERMPLASM	Kinds , Methods of selection and hybridization
30.01.2021	11	Dr. A.K.S.	II	Plant Resource Utilization	Sugar and sugar yielding plants,
30.01.2021	11	Miss Amrapali	I	Molecular Genetics	Gene Mutation: Mutagenic agents, mechanisms of mutagenesis
01.02.2021	10	DR AKS/ MISS AV	IV	Dissertation	Dissertation
01.02.2021	11	Miss Amrapali	III	Plant Breeding	Techniques of selfing and crossing.
02.02.2021	-		-	Class Teaching	
02.02.2021	11	DR AKS/ MISS AVS.	IV	Dissertation	Dissertation
03.02.2021	12	Miss Amrapali	I	Molecular Genetics	DNA damage and repair mechanism, uses of mutation
03.02.2021	12	Dr. A.K.S.	II	Plant Resource Utilization	Tropical and subtropical fruits.
04.02.2021	12	Miss Amrapali	III	Plant Breeding	Cytoplasmic male sterility
04.02.2021	12	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
05.02.2021	13	Dr. A.K.S.	I	Molecular Genetics	Genetic Code: Codon assignment
05.02.2021	13	Dr. A.K.S.	II	Plant Resource Utilization	Spices and flavoring materials
06.02.2021	13	Miss Amrapali	III	Plant Breeding	Heterosis and hybrid seed production;
06.02.2021	13	DR AKS/ MISS AV	IV	Dissertation	Dissertation
08.02.2021	14	Dr. A.K.S.	I	Molecular Genetics	code in mitochondria, second genetic code,
कक्षा : एम.एस-सी. IV Semester				विषय : वनस्पति विज्ञान BOTANY	
दिनांक	व्याख्यान	पाठ्यापक का नाम	पृष्ठ नपत्र	अध्याय	शीर्षक

08.02.2021	14	Dr. A.K.S.			getables,
09.02.2021	-		-	Class Teaching	
09.02.2021	14	Miss Amrapali	III	Plant Breeding	Mutant breeding
10.02.2021	14	DR AKS/ MISS AV	IV	Dissertation	Dissertation
10.02.2021	15	Dr. A.K.S.	I	Molecular Genetics	initiation and termination codons
11.02.2021	15	A.K.S	II	Plant Resource Utilization	Gum and dye , Latex yielding plants
11.02.2021	15	Miss Amrapali	III	Plant Breeding	Polyploidy in plant breeding
12.02.2021	15	DR AKS/ MISS AV	IV	Dissertation	Dissertation
12.02.2021	16	Dr. A.K.S.	I	Molecular Genetics	Gene Expression: Mechanism of transcription in prokaryotes
13.02.2021	16	Dr. A.K.S.	II	Plant Resource Utilization	Tea, Coffee, Rubber And Insecticide Yielding Plants
13.02.2021	16	Miss Amrapali	III	Plant Breeding	Breeding for nutritional quality
15.02.2021	16	DR AKS/ MISS AV	IV	Dissertation	Dissertation
15.02.2021	17	Dr. A.K.S.	I	Molecular Genetics	Gene Expression: Mechanism of transcription eukaryotes
17.02.2021	-		-	Class Teaching	
17.02.2021	17	Dr. A.K.S.	II	Plant Resource Utilization	Origin of cultivated plants: center of origin
18.02.2021	17	Miss Amrapali	III	Biostatistics	Relevance of biostatistics to biological interpretative,
18.02.2021	17	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
19.02.2021	18	Dr. A.K.S.	I	Molecular Genetics	Translation in prokaryotes
19.02.2021	18	Dr. A.K.S.	II	Plant Resource Utilization	Criteria and Vavilov's center of origin
20.02.2021	18	Miss Amrapali	III	Biostatistics	Elementary idea of probability
20.02.2021	18	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
22.02.2021	19	Dr. A.K.S.	I	Molecular Genetics	Translation in eukaryotes
22.02.2021	19	Dr. A.K.S.	II	Plant Resource Utilization	Origin and cultivation of wheat, rice, maize,
23.02.2021	19	Miss Amrapali	III	Biostatistics	Combination and permutations
23.02.2021	19	DR AKS/ MISS AV	IV	Dissertation	Dissertation
24.02.2021	-		-	Monthly Evaluation	
24.02.2021	20	Dr. A.K.S.	I	Molecular Genetics	Transcription activators and repressors

कक्षा : एम.एस-सी. पदमंजरी			पाठ्यक्रम योजना : सत्र 2019-2020		विषय : वनस्पति विज्ञान BOTANY
दिनांक	व्याख्यान	पाठ्यापक का नाम	पङ्क नपत्र	अध्याय	शैलिक
26.02.2021	20	Dr. A.K.S.	II	Plant Resource Utilization	Sugarcane, Mustard, Potato
26.02.2021	20	Miss Amrapali	III	Biostatistics	Continuous and discontinuous variables
27.02.2021	20	DR AKS/ MISS AV	IV	Dissertation	Dissertation
27.02.2021	21	Dr. A.K.S.	I	Molecular Genetics	Post transcriptional modifications and RNA transport, translational proof reading, translational inhibitors,
01.03.2021	21	A.K.S.	II	Plant Resource Utilization	Principles of conservation; In situ conservation: Sanctuaries,
01.03.2021	21	Miss Amrapali	III	Biostatistics	Measures of central tendency: Mean
02.03.2021	21	DR AKS/ MISS AV	IV	Dissertation	Dissertation
02.03.2021	22	Dr. A.K.S.	I	Molecular Genetics	post translational modification of proteins.
03.03.2021	22	Dr. A.K.S.	II	Plant Resource Utilization	National parks, biosphere reserves
03.03.2021	22	Miss Amrapali	III	Biostatistics	Median
04.03.2021	-		-	Class Teaching	
04.03.2021	22	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
05.03.2021	23	Dr. A.K.S.	I	Molecular Genetics	Regulation of Gene Expression: Concept of operon, lac operon in detail,
05.03.2021	23	Dr. A.K.S.	II	Conservation	Wet lands, mangroves and coral reef,
06.03.2021	23	Miss Amrapali	III	Biostatistics	Mode
06.03.2021	23	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
08.03.2021	24	Dr. A.K.S.	I	Molecular Genetics	trp operon, attenuation
08.03.2021	24	Dr. A.K.S.	II	Conservation	Ex- situ conservation: principles and practices,
09.03.2021	24	Miss Amrapali	III	Biostatistics	Measures of dispersion: Standard deviation,
09.03.2021	24	DR AKS/ MISS AV	IV	Dissertation	Dissertation
10.03.2021	25	Dr. A.K.S.	I	Molecular Genetics	role of chromatin in gene regulation, Gene silencing: miRNA and siRNA.
10.03.2021	25	Dr. A.K.S.	II	Conservation	Botanic gardens
12.03.2021	-		-	Class Teaching	
12.03.2021	25	Miss Amrapali	III	Biostatistics	Standard error,
13.03.2021	25	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
13.03.2021	26	Dr. A.K.S.	I	Genetic Engineering	Enzymes (endonucleases, ligases) vectors viz., plasmids, phages,
15.03.2021	26	Dr. A.K.S.	II	Conservation	NSC, BSI
15.03.2021	26	Miss Amrapali	III	Biostatistics	Mean deviation. Test of significance

कक्षा : एम.एस-सी. पदमेजमत			पाठ्यक्रम याजना : सत्र 2020-2021		विषय : वनस्पति विज्ञान BOTANY
दिनांक	व्याख्या न	पाठ्यापक का नाम	पृष्ठ नपत्र	अध्या य	शैक
16.03.2021	26	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
16.03.2021	27	Miss Amrapali	I	Genetic Engineering	Cosmids, BAC, YAC and <i>Agrobacteriumtumefaciens</i> gene cloning; Methods of gene transfer
17.03.2021	27	Dr. A.K.S.	II	Conservation	NBPGR
17.03.2021	27	Miss Amrapali	III	Biostatistics	Chi- square test,
18.03.2021	27	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
18.03.2021	28	Miss Amrapali	I	Genetic Engineering	Tissue and Organ Culture: Micropropagation somaclonal variation, haploid production,
19.03.2021	-		-	Class Teaching	
19.03.2021	28	Dr. A.K.S.	II	Conservation	ICAR & (CSIR),
20.03.2021	28	Miss Amrapali.	III	Biostatistics	Analysis of variance
20.03.2021	28	DR AKS/ MISS AV.	IV	Dissertation	Dissertation
22.03.2021	29	Miss Amrapali	I	Biotechnology	Application of Biotechnology in agriculture: disease resistance,
22.03.2021	29	Dr. A.K.S.	II	Conservation	(DST) and (DBT) and
23.03.2021	29	Miss AMP	III	Biostatistics	Correlation
23.03.2021	29	DR AKS/ MISS AV	IV	Dissertation	Dissertation
24.03.2021	30	Miss Amrapali	I	Biotechnology	Protoplast culture
24.03.2021	30	Dr. A.K.S.	II	Conservation	Germplasm conservation
25.03.2021	30	Miss Amrapali	III	Biostatistics	Regression
25.03.2021	31	Dr. A.K.S.	I	Biotechnology	Somatic hybridization.
26.03.2021	-		-	Monthly Evaluation	
26.03.2021	32	Dr. A.K.S.	I	Biotechnology	Abiotic stress tolerance and useful products
27.03.2021	31	Dr. A.K.S.	I	EXAM	INTERNAL
27.03.2021	31	Dr. A.K.S.	II	EXAM	INTERNAL
31.03.2021	31	Dr. A.K.S.	III	EXAM	INTERNAL
31.03.2021	31	Dr. A.K.S.	IV	EXAM	INTERNAL
DUE TO CORONA EPIDEMIC SOME DEVIATION POSSIBLE					