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VEER NARMAD SOUTH GUJARAT UNIVERSITY

University Campus, Udhna-Magdalla Road, SURAT - 395 007, Gujarat, India.

વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી

યુનિવર્સિટી કેમ્પસ, ઉદ્ધના-મગદલા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

Tel : +91 - 261 - 2227141 to 2227146, Toll Free : 1800 2333 011, Digital Helpline No.- 0261 2388888

E-mail : info@vnsgu.ac.in, Website : www.vnsgu.ac.in

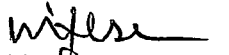
-: પરિપત્ર :-

યુનિવર્સિટી સંલગ્ન વિજ્ઞાન વિદ્યાશાખા હેઠળની તમામ કોલેજોનાં આચાર્યશ્રીઓને જણાવવાનું કે, B.Sc. Microbiology માં Sem.-1 to 6 નાં Structure For ERP સંદર્ભે માર્કોબાયોલોજી વિષયની અભ્યાસ સમિતિની તા.૦૨/૦૪/૨૦૨૫ ની સભાના ઠરાવ ક્રમાંક:૦૩ થી કરેલ ભલામણ સ્વીકારી વિજ્ઞાન વિદ્યાશાખાની તા.૩૦/૦૪/૨૦૨૫ની સભાનાં ઠરાવ ક્રમાંક:૧૫ થી કરેલ ભલામણ સ્વીકારી એકેડેમિક કાઉન્સિલની તા.૦૫/૦૫/૨૦૨૫ ની સભાનાં ઠરાવ ક્રમાંક: ૮૨ થી મંજૂર કરેલ છે. જેનો અમલ કરવા આથી જાણ કરવામાં આવે છે.

બિડાણ: ઉપર મુજબ

ક્રમાંક:ઓથો./પરિપત્ર/સિલેબસ/૧૧૯૯૦/૨૦૨૫

તા.૨૬-૦૫-૨૦૨૫


કુલસચિવ

પ્રતિ,

૧) યુનિવર્સિટી સંલગ્ન વિજ્ઞાન વિદ્યાશાખા હેઠળની તમામ કોલેજોનાં આચાર્યશ્રીઓ.

.....આપશ્રીની કોલેજના સંબંધિત શિક્ષકોને જાણ કરી અમલ કરવા સારું.

૨) ડીનશ્રી, વિજ્ઞાન વિદ્યાશાખા.

૩) પરીક્ષા નિયામકશ્રી, પરીક્ષા વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત.

.....તરફ જાણ તેમજ અમલ સારું.

STRUCTURE FOR ERP – MICROBIOLOGY – SEM – 1 - (UG)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks		External Marks		Total	
					TH	PR	TH	PR	TH	PR	TH	PR	TH	PR		
MAJOR – 1	MB-MJ-101	FUNDAMENTALS OF MICROBIOLOGY	FUNDAMENTALS OF MICROBIOLOGY	100-199	03	02	01.30 h	03.00 h	03	01	37	12	38	13	75	25
MAJOR – 2	MB-MJ-102	MICROSCOPY AND STAINING TECHNIQUES	MICROSCOPY AND STAINING TECHNIQUES	100-199	03	02	01.30 h	03.00 h	03	01	37	12	38	13	75	25
MINOR ELECTIVE	MB – ME - 101	EUKARYOTIC CELL STRUCTURE	EUKARYOTIC CELL STRUCTURE	100-199	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MINOR ELECTIVE	MB – ME - 102	ESSENTIALS OF BIOCHEMISTRY	ESSENTIALS OF BIOCHEMISTRY	100-199	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MDC	MB – MDC - 101	ENVIRONMENT STUDIES	ENVIRONMENT STUDIES	100-199	04	NA	02.00 h	NA	04	NA	50	NA	50	NA	100	NA
MDC	MB MDC – 102	MICROBES IN OUR LIFE	MICROBES IN OUR LIFE	100-199	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
SEC	MB – SEC– 101	BASICS OF MICROBIOLOGY LABORATORY	BASICS OF MICROBIOLOGY LABORATORY	100-199	01	02	00.30 h	03.00 h	01	01	12	12	13	13	25	25

STRUCTURE FOR ERP – MICROBIOLOGY – SEM – 2 - (UG)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks		External Marks		Total	
					TH	PR	TH	PR	TH	PR	TH	PR	TH	PR		
MAJOR – 1	MB-MJ-201	MICROBIAL DIVERSITY	MICROBIAL DIVERSITY	100-199	03	02	01.30 h	02.00 h	03	01	37	12	38	13	75	25
MAJOR – 2	MB-MJ-202	BACTERIAL AND ARCHAEAL CELL STRUCTURE AND FUNCTION	BACTERIAL AND ARCHAEAL CELL STRUCTURE AND FUNCTION	100-199	03	02	01.30 h	03.00 h	03	01	37	12	38	13	75	25
MINOR ELECTIVE	MB – ME – 201	BIOPHYSICS	BIOPHYSICS	100-199	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MINOR ELECTIVE	MB – ME - 202	ATYPICAL PROCARYOTES	ATYPICAL PROCARYOTES	100-199	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MDC	MB – MDC - 201	REMEDIES TO ENVIRONMENT POLLUTION	REMEDIES TO ENVIRONMENT POLLUTION	100-199	04	NA	02.00 h	NA	04	NA	50	NA	50	NA	100	NA
SEC	MB – SEC – 201	CONVENTIONAL METHODS FOR IDENTIFICATION OF BACTERIA	CONVENTIONAL METHODS FOR IDENTIFICATION OF BACTERIA	100-199	01	02	00.30 h	03.00 h	01	01	12	12	13	13	25	25
SEC	MB – SEC– 202	MAINTENANCE OF LABORATORY EQUIPMENT	MAINTENANCE OF LABORATORY EQUIPMENT	100-199	02	NA	01.00 h	NA	02	NA	25	NA	25	NA	50	NA

STRUCTURE FOR ERP – MICROBIOLOGY – SEM – 3 - (UG)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks		External Marks		Total	
					TH	PR	TH	PR	TH	PR	TH	PR	TH	PR	TH	PR
MAJOR 1	MB-MJ-301	MICROBIAL NUTRITION & GROWTH	MICROBIAL NUTRITION & GROWTH	200-299	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 2	MB-MJ-302	CONTROL OF MICROORGANISMS	CONTROL OF MICROORGANISMS	200-299	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 3	MB-MJ-303	VIROLOGY	VIROLOGY	200-299	04	NA	02.00 h	NA	04	NA	50	NA	50	NA	100	NA
MDC	MB-MDC-301	MARINE MICROBIOLOGY	MARINE MICROBIOLOGY	200-299	04	NA	02.00 h	NA	04	NA	50	NA	50	NA	100	NA
SEC	MB-SEC-301	MICROBIOLOGICAL MEDIA	MICROBIOLOGICAL MEDIA	200-299	02	NA	01.00 h	NA	02	NA	25	NA	25	NA	50	NA

STRUCTURE FOR ERP – MICROBIOLOGY – SEM – 4 - (UG)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks		External Marks		Total	
					TH	PR	TH	PR	TH	PR	TH	PR	TH	PR		
MAJOR 1	MB-MJ-401	MICROBIAL TAXONOMY	MICROBIAL TAXONOMY	200-299	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 2	MB-MJ-402	MICROBIAL ECOSYSTEMS	MICROBIAL ECOSYSTEMS	200-299	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 3	MB-MJ-403	ENZYMOLGY	ENZYMOLGY	200-299	04	NA	02.00 h	NA	04	NA	50	NA	50	NA	100	NA
MINOR 1	MB-ME-401	BIOMOLECULES	BIOMOLECULES	200-299	02	04	02.00 h	06.00 h	02	02	25	25	25	25	50	50
SEC	MB-SEC-401	ALGAL GROWTH & ITS APPLICATION	ALGAL GROWTH & ITS APPLICATION	200-299	01	02	00.30 h	03.00 h	01	01	12	12	13	13	25	25

STRUCTURE FOR ERP – MICROBIOLOGY – SEM – 5 - (UG)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks		External Marks		Total	
					TH	PR	TH	PR	TH	PR	TH	PR	TH	PR	TH	PR
MAJOR 1	MB – MJ - 501	APPLIED & ENVIRONMENTAL MICROBIOLOGY	APPLIED & ENVIRONMENTAL MICROBIOLOGY	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 2	MB – MJ - 502	VEDIC MICROBIOLOGY	VEDIC MICROBIOLOGY	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 3	MB – MJ - 503	FOOD & DAIRY MICROBIOLOGY	FOOD & DAIRY MICROBIOLOGY	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MINOR 1	MB – ME - 501	QUALITY CONTROL & QUALITY ASSURANCE	QUALITY CONTROL & QUALITY ASSURANCE	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MINOR 2	MB – ME - 502	ANALYTICAL INSTRUMENTATION AND TECHNIQUES	ANALYTICAL INSTRUMENTATION AND TECHNIQUES	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
SEC	MB – SEC - 501	HAEMATOLOGY	HAEMATOLOGY	300-399	01	02	00.30 h	03.00 h	01	01	12	12	13	13	25	25

STRUCTURE FOR ERP – MICROBIOLOGY – SEM – 6 - (UG)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks		External Marks		Total	
					TH	PR	TH	PR	TH	PR	TH	PR	TH	PR	TH	PR
MAJOR 1	MB – MJ - 601	MEDICAL MICROBIOLOGY	MEDICAL MICROBIOLOGY	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 2	MB – MJ - 602	IMMUNOLOGY	IMMUNOLOGY	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MAJOR 3	MB – MJ - 603	INDUSTRIAL MICROBIOLOGY	INDUSTRIAL MICROBIOLOGY	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50
MINOR 1	MB – ME - 601	GENOMICS & PROTEOMICS	GENOMICS & PROTEOMICS	300-399	02	04	01.00 h	06.00 h	02	02	25	25	25	25	50	50