SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

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PART- TWO

Thursday, the 6th March, 2025

NOTIFICATION

No.: 29/ 2025 Date : 06/03/2025

Subject: Scheme of Equivalence and Absorption.

It isnotifiedforgeneralinformationof all concerned that the authorities of the University have decided to provide the Scheme of Equivalence and Absorption for the failure students of old course of Semester-I & II for all U.G. subjects (B.Sc.)& B.C.A. Semester-I to VI from C.G.S. & Semester pattern into NEP-2020 Scheme to be implemented from Summer- 2025 Examination which is as under:

Sd/-
(Dr.Nitin A. Koli)
In-Charge Registrar,
Sant Gadge Baba Amravati University

B.Sc.Semester– I&II(Geology)

Sr. No	Class	CGS Pattern/Subject and Code	Equivalent New subject & Code (NEP)	Absorption Scheme
1.	B.Sc Semester-I	1S- Geology	119201- General Geology and Mineralogy	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
2.	B.Sc Semester-II	2S- Geology	119206- Geodynamics and Optical Mineralogy	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester– I&II(Bio-Technology)

3.	B.Sc Semester-I	1S– BIOTECHNOLOGY Cell Biology & Bio-Molecule	Sem-IBTC –DSC-1 Cell Biology Sem-II DSC-3 Bio-Molecule	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
4.	B.Sc Semester-II	2S– BIOTECHNOLOGY Mico-Biology	Clinical Lab Technology (106602)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester-I&II(Bio-Chemistry)

5.	B.Sc Semester-I	1S– Bio-Chemistry Bio-molecules and Nutrition	Bio-molecules(103200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
6.	B.Sc Semester-II	2S– Bio-Chemistry Biophysical and Biochemical Techniques.	Biophysical and Biochemical Techniques (103205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
7.	B.Sc Semester-I	1S– Microbiology Fundamental of Microbiology & Microbial Physiology	Introductory Microbiology (127200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
8.	B.Sc Semester-II	2S– Microbiology Biochemistry, Biostatistics & Computers	Bacteriology & Microbial Control (127205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
9.	B.Sc Semester-I	1S– Food science Basic Chemistry of Foods.	Fundamentals of Food Science (116200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
10.	B.Sc Semester-II	2S– Food science Nutritional Biochemistry of Foods.	Study of Basic Food Stuffs. (116205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester – I&II(Statistics)

11.	B.Sc Semester-I	1S- Statistics	Descriptive Statistics 1320101	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
12.	B.Sc Semester-II	2S- Statistics	Probability Theory 1320202	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester– I&II(Mathematics)

13.	B.Sc. Semester-I	1S-Mathematics paper-I (Algebra and Trigonometry) paper-II (Differential and integral Calculus)	Elements of Algebra and Calculus (126200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

14.	B.Sc. Semester-II	2S- Mathematics paper-III (Differential Equations : Ordinary and partial & paper-IV (Vector and Solid Geometry)	Vector Analysis and geometry (126205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester–I&II(Chemistry)

15.	Chemistry B.Sc. Semester-I	General Chemistry –I (108200)	General Chemistry –I (108200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
16.	Chemistry B.Sc. Semester-II	2S- Chemistry	General Chemistry –II (108205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
17.	Industrial Chemistry (Regular/Vocational)B.Sc. Semester-I	1S-Industrial Chemistry(Regular/ Vocational)	Mole Concept and Material Balance (120200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
18.	Industrial Chemistry (Regular/Vocational B.Sc. Semester-II	2S-Industrial Chemistry (Regular/Vocational)	Fuels and Energy Balance (120205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
19.	Petro Chemical Science B.Sc. Semester-I	1S-Petrochemical Science	Basic Concepts in Petro chemistry (128200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
20.	Petro Chemical ScienceB.Sc. Semester-II	2S-Petrochemical Science	Exploration and Classification of Petroleum (128205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
21.	Forensic Science B.Sc. Semester-I	1S-Forensic Science (Basic of Forensic Science)	Basic of Forensic Science (117200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
22.	Forensic Science B.Sc. Semester-II	2S-Forensic Science (Forensic Chemistry)	Basic of Forensic Chemistry and Toxicology (117205)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester–I&II(Zoology)

23.	B.Sc. Semester-I	1S- Zoology Life And Diversity of Non-Chordata	Fundamental Biology of Invertebrate (133201)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
24.	B.Sc. Semester-II	2S- Zoology Cell and Development Biology	Fundamental Biology of Chordata (133206)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
25.	B.Sc. Semester-I	1S-Apiculture Fundamental Bee Keeping	Introduction to Honey Bee Keeping. (100200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
26.	B.Sc. Semester-II	2S-Apiculture Bee Botany, Pollination and Melato Palynology	Food & Foraging of Bees. (100202)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper

B.Sc.Semester-I&II(Environmental Science)

27.	B.Sc Semester-I	1S- Environmental Science	Fundamental of Environmental Science (1142200)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
28.	B.Sc Semester-II	2S- Environmental Science	Environmental & Ecology (114202)	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester–I&II(Botany)

29.	B.Sc Semester-I	1S- Botany Diversity and Applications of Microbes and Cryptogams	Microbial Diversity and Cryptogams – I107212	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
30.	B.ScSemester-II	2S-Botany Gymnosperm, Morphology of Angiosperms and Utilization of the Plants	Cryptogams – 2 and Gymnosperms 107213	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

31.	BSc Semester I	1S- Seed Technology Seed Development, Seed Physiology and Introduction to Plant Breeding	Basics of Seed Technology and Development of Career 131200	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.
32.	BSc Semester II	2S- Seed Technology Plant Breeding Methods for Crop Improvement and Seed Production	Seed production planning in plant breeding131204	60+40=100 Internal Marks should be awarded based on the percentage of Marks obtained in the theory paper.

B.Sc.Semester–I&II(Computer Science)

33.	B.Sc-1 (Sem-2)(CPS)	ComputerFundamental&Programming	Fundamentals of Computers(112200)	60+40=100 Internal Marks Should be Awardedbased on the percentage of marksobtained in the theory paper
34	B.Sc-1 (Sem-1)(CA)	Fundamentals of ComputersApplications	Fundamental of Computers(109200)	60+40=100 Internal Marks Should be Awardedbased on the percentage of marksobtained in the theory paper
35	B.Sc-1 (Sem-2)(CPS)	DataStructure&Advance C	(1)ProgrammingWithC(112203) (2)Data Structure(112205)	60+40=100 Internal Marks Should be Awardedbased on the percentage of marksobtained in the theory paper
36	B.Sc-1 (Sem-2)(CA)	HTML&C Programming	(1) Programming WithC(112203) (2) Web Technologies (112505)	60+40=100 Internal Marks Should be Awardedbased on the percentage of marksobtainedinthetheory paper

Sr. No	**BCA SEMESTER –I**	
	OldSubject&Code	**EquivalentNewsubject&Code(NEP)**
1	1^{ST1}ComputerFundamentals18	(1001CC102)Computerarchitecture
2	1^{ST2}CProgramming18	(101SECL01)ProblemSolvingUsingC
3	1^{ST3}DigitalTechniques-I 19	(101CC102)Computer architecture
4	1^{ST4}NumericalMethods 20	(101CC101)Mathematics Foundation of ComputerScience
5	1^{ST5}DiscreteMathematics 21	(101CC101)Mathematics Foundation of ComputerScience
6	1^{ST6}CommunicationSkills22	(101AEC101)GeneralEnglish-I
7	1^{SP1}Lab-I23	(101LABSEC101)ProblemSolvingUsingC
8	1^{ST2}Lab-II 23	(101LABCC102)Computer architecture
9	1^{ST3}Lab-III	(101LABSEC102)ObjectOrientedProgrammingwith Java

Sr. No	BCA SEMESTER –II	
	OldSubject&Code	**EquivalentNewsubject&Code(NEP)**
1	2ST1OperatingSystem23	101CC105OperatingSystem
2	2ST2AdvancedC24	105SEC101ProblemSolvingUsingC
3	2ST3DigitalTechniques-II 25	101LABCC102Computer architecture
4	2ST4NumericalMethods 26	101CC101 Mathematics FoundationofComputer Science
	2ST5DiscreteMathematics-II27	101CC101 Mathematics FoundationofComputer Science
5	2ST5CommunicationSkill28	101AEC101ProblemSolvingUsingC
6	2SP1Lab-I29	101LABSEC101ProblemSolvingusingC
7	2SP2Lab-II29	101LABSEC102Computer Architecture
8	2SP3Lab-III	LABCC202DatabaseManagementSystem

Sr. No	BCA SEMESTER –III	
	OldSubject&Code	**EquivalentNewsubject&Code(NEP)**
1	3ST1DataStructure	(101CC104)DataStructure
2	3ST2ObjectOrientedProgrammingwithC++	(101CC103)ObjectOrientedProgrammingwithC++
3	3ST3Data-BaseManagementSystem	(101CC203)DataBaseManagementSystem
4	3ST4AdvancedOperatingSystem	(101CC105)OperatingSystem
5	3ST5 Electronics	(101CC102)Computer Architecture
6	3SP1Lab-Ibasedon 3ST1&3ST2	(101LABCC104)DataStructure
7	3SP2Lab-IIbasedon3ST3&3ST4	(101LABCC105)OperatingSystem
8	3SP3Lab-IIIBasedon3ST5	(101LABCC202)Data-BaseManagementSystem

Sr. No	BCA SEMESTER –IV	
	OldSubject&Code	**EquivalentNewsubject&Code(NEP)**
1	4ST1System AnalysisDesign&MIS	101SEC202DesignThinkinginnovation
2	4ST2Visual Basic	101SEC102Object OrientedProgramming UsingJava
3	4ST3WebDesigningand office automation	101CC203Web Technology
4	4ST4 Networking	101CC205ComputerNetwork
5	4ST5 AdvancedMicroprocessorsand Microcontroller	101DSE202IntroductiontoML
6	4SP1-Lab-Ibasedon4ST1&4ST2	101LABSEC103Web Technology
7	4SP2-Lab-IIbasedon4ST3&4ST4	101LABCC205ComputerNetwork
8	4SP3-Lab-IIIbasedON4ST5	101LABCC202DatabaseManagementSystem

Sr. No	BCA SEMESTER –V	
	OldSubject&Code	**EquivalentNewsubject&Code(NEP)**
1	5ST1CoreJava	(101SEC102)ObjectOrientedProgrammingwithJava
2	5ST2Network Security	(101CC206)Design andAnalysisofAlgorithm
3	5ST3SoftwareEngineering	(101CC203)SoftwareEngineering
4	5ST4ComputerGraphics	(101DSE302)DigitalImageprocessing
5	5ST5E-Commerce	(101CC207)ArtificialIntelligence
6	5SLAB-I-5ST1+5ST2	(101LABSEC102)ObjectOrientedProgrammingwith Java
7	5SLAB-II-5ST3+5ST4	(101LABDSE302)DigitalImageprocessing
8	5SLAB-III-5ST5	(101LABCE202)Data-BaseManagementSystem

Sr. No	BCA SEMESTER – VI	
	OldSubject&Code	**EquivalentNewsubject&Code(NEP)**
1	6ST1NETUsing ASP	101SEC201PythonProgramming
2	6ST1Client ServerTechnology	101SEC103Web Technology
3	6ST1MultimediaAndIts Application	101DSE201Feature Engineering
4	6ST1SoftwareTesting	101CC203SoftwareEngineering
	6ST1AdvancedDatabaseManagementSystem	101CC203Data BasedManagementsystem
5	6SP1LAB-I-6ST1+6ST2:(Net&CST)	101LABSEC201PythonProgramming
6	6SP2LAB-II-6ST3+6ST4:(MMT&ST)	101LABCC202DataBasedManagementSystem
7	6SP3LABIII-ProjectworkWithReport	101LABSEC304Majorproject