SANT GADGE BABA AMRAVATI UNIVERSITY GAZETTE

Official Publication of Sant Gadge Baba Amravati University

PART- TWO

(Extra Ordinary)

Friday,the 21st November, 2025

NOTIFICATION

No. 222/2025 Dated: 21/11/2025

Subject: Scheme of Equivalence and Absorption for M.Sc. Botany NEP 2020 (Old)

Reference: Extra-Ordinary Notification No. 51/2025 Dated 05/05/2025

t is notified for general information that, the additional chances were provided to the failure students of NEP old course of the Post-graduate Subjects of Semester-I & II of (M.Sc.) (Botany) vide notification under reference.

After exhaustion of the chances to the failure students of NEP old course of the Post-graduate Subjects of Semester-I & II of (M.Sc.) (Botany), the authorities of the University have decided to provide the Scheme of Equivalence and Absorption for the failure students of NEP old course of the Post-graduate Subjects of Semester-I & II of (M.Sc.) (Botany) into NEP-2020 NEW (Revised) Scheme to be implemented from the Academic Session 2025-2026 onwards which is attached herewith.

Scheme of Equivalence and Absorption NEP OLD Semester to NEP NEW (Revised) For M.Sc. Part I Semester I and II Botany

SN	Class	NEP Old Pattern/ Subject and Code	Equivalent NEP New Subject & Code	Absorption Scheme
1	**M.Sc. I Semester-I** (from Winter-2025)	Research Methodology and IPR- BOT 01	Research Methodology and IPR BOT 01	60+40=100
2		DSC-I.1 Cell and Molecular Biology BOT 101	DSC-I.1 Cell and Molecular Biology- BOT 101	60+40=100
3		DSC-II.1 Evolution and Diversity of Algae and Fungi BOT 102	DSC-II.1 Evolution, Diversity and commercial Application of Microbes, Algae, Fungi and Plant Pathology- BOT 102	60+40=100
4		DSC-III.1 Plant Development, Economic Botany and Resource Utilization BOT 103	DSC-III.1 Plant Development, Economic Botany and Resource Utilization- BOT 103	60+40=100

5		**DSE-I /MOOC (Elective Options) BOT 104**		
5A		Angiosperm Taxonomy, Phytochemistry and Pharmacognosy BOT 104-A	DSE-I Angiosperm Taxonomy, Phytochemistry and Pharmacognosy-I BOT 104-A	60+40=100
5B		Molecular Systematics of Plants BOT 104-B	DSE-I Molecular Systematics of Plants-I BOT 104-B	60+40=100
5C		Plant Tissue Culture BOT 104-C	DSE-I Plant Tissue Culture-I BOT 104-C	60+40=100
5D		Advanced Plant Physiology BOT 104-D	DSE-I Advanced Plant Physiology-I BOT 104-D	60+40=100
5E		Basic and Applied Mycology BOT 104-E	DSE-I Basic and Applied Mycology-I BOT 104-E	60+40=100
5F		Molecular Biology, Biotechnology &Plant Breeding BOT 104-F	DSE-I Molecular Biology, Biotechnology &Plant Breeding-I BOT 104-F	60+40=100
6		PRACTICAL I: Cell and Molecular Biology and Evolution and Diversity of Algae and Fungi	Lab- I :based on DSC.I.1and II.1 (Cell and Molecular Biology and Evolution, Diversity and commercial Application of Microbes, Algae, Fungi and Plant Pathology	50 +50= 100
7		PRACTICAL-II: Economic Botany, Resource Utilization and Plant Development	Lab- II: based on DSC III and DSE opted by students (Plant Development, Economic Botany and Resource Utilization following DSE) a. Angiosperm Taxonomy, Phytochemistry and Pharmacognosy-I b. Molecular Systematics of Plants-I c. Plant Tissue Culture-I d. Advanced Plant Physiology-I e. Basic and Applied Mycology-I f. Molecular Biology, Biotechnology & Plant Breeding-I	50 + 50 =100
8		PRACTICAL-III DSE A. DSE-I -Angiosperm Taxonomy, Phytochemistry and Pharmacognosy B. DSE-I -Molecular Systematics of Plants C. DSE-I -Plant Tissue Culture D. DSE-I -Advanced Plant Physiology E. DSE-I -Basic and Applied Mycology F. DSE-I -Molecular Biology, G. Biotechnology & Plant Breeding		
1	**M.Sc. I Semester-II** (from Summer-2026	DSC-I. Plant Physiology BOT 201	DSC-I.2 Biochemistry and Plant Physiology BOT 201	60+40=100
2		DSC-II. Evolution and Diversity of Bryophytes and Pteridophytes BOT 202	DSC-II.2 Evolution and Diversity of Bryophytes, and Pteridophytes BOT 202	60+40=100
3		DSC-III. Plant Biochemistry, Genetics and Plant Breeding BOT 203	DSC-III.2 Genetics and Plant Breeding BOT 203	60+40=100
4		**DSE-II/MOOC (Elective Option)**	**DSE-II Any one Opted by Student /MOOC (Elective Option) BOT 204**	

4A		DSE-II -Angiosperm Taxonomy, Phytochemistry and Pharmacognosy BOT204-A	DSE-II -Angiosperm Taxonomy, Phytochemistry and Pharmacognosy-II BOT204-A	60+40=100
4B		DSE-II -Molecular Systematics of Plants BOT204-B	DSE-II - DSE-II -Molecular Systematics of Plants-II BOT204-B	60+40=100
4C		DSE-II -Plant Tissue Culture BOT204-C	DSE-II -Plant Tissue Culture-II BOT204-C	60+40=100
4D		DSE-I I-Advanced Plant Physiology BOT204-D	DSE-II-Advanced Plant Physiology-II BOT204-D	60+40=100
4E		DSE-II -Basic and Applied Mycology BOT204-E	DSE-II -Basic and Applied Mycology-II BOT204-E	60+40=100
4F		*DSE-I* -Molecular Biology, Biotechnology & Plant Breeding BOT204-F	DSE-II -Molecular Biology, Biotechnology &Plant Breeding-II BOT204-F	60+40=100
5		Practical IV DSC -I.2 & DSC-II.2 Lab PRACTICAL IV: (Plant Physiology, Evolution and Diversity of Bryophytes and Pteridophytes	Lab – III: based on DSC-I.2 and DSC-II.2 (Biochemistry and Plant Physiology, Evolution and Diversity of Bryophytes and Pteridophytes	50 +50= 100
6		Practical V DSC-III.2 Lab PRACTICAL V: Plant Biochemistry, Genetic	Lab – IV: based on DSC III.2 and DSE Opted by Student (Genetics and Plant Breeding and following DSE) A. Angiosperm Taxonomy, Phytochemistry and Pharmacognosy II B. Molecular Systematics of Plants-II C. Plant Tissue Culture-II D. Advanced Plant Physiology -II E. Basic and Applied Mycology -II F. Molecular Biology Biotechnology & Plant Breeding -II	50 +50= 100
7		Practical VI- DSE-II Laboratory/MOOC Lab- Practical VI: A. DSE-II -Angiosperm Taxonomy, Phytochemistry and Pharmacognosy BOT204-A B. DSE-II -Molecular Systematics of Plants BOT204-B C. DSE-II -Plant Tissue Culture BOT204-C D. DSE-I I-Advanced Plant Physiology BOT204-D E. DSE-II -Basic and Applied Mycology BOT204-E F. DSE-I -Molecular Biology, Biotechnology & Plant Breeding BOT204-F		

Sd/-
(Dr. Avinash M. Asanare)
Registrar,
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