NOTIFICATION

No.: 113/2026 Date: 13/08/2026

Subject: Scheme of Equivalence and Absorption.

(I) It is notified for general information of all the 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 the Under-Graduate Subjects of Semester-I to IV (C.B.C.S.) and Semester III & IV (C.G.S.) pattern into NEP-2020 Scheme to be implemented from the Academic Session 2026-2027 onwards which is attached herewith.

(II) It is further notified for general information of all the concerned that, the authorities of the University have decided regarding the Under-Graduate Subjects of B.Sc. (Biotechnology) as under:

"As no Old Course student of B.Sc. (Biotechnology) Semester & CGS / CBCS pattern is remain failure, no need to provide the Scheme of Equivalence & Absorption for the above said Old Course failure students.

Sd/-
(Dr. Avinash M. Asanare)
Registrar,
Sant Gadge Baba Amravati University

Sant Gadge Baba Amravati University, Amravati

I. Scheme of Equivalence and Absorption of CGS B.Sc. Forensic Science Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Forensic Science (Semester III- IV)

Sr. No.	Class / Semester (CGS)	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	**3S Forensic Science** Forensic Physics	80 + 20 =100	B.Sc. II Semester – III	**Minor Theory Course** Minor Forensic Science – 2 Forensic Physics and ballistics (Course Code-117215)	30 + 20 = 50 **(2 Credits)**	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	**3S Forensic Science** Forensic Physics **Practicals**	50	B.Sc. II Semester – III	**Minor Practical Course** Minor Forensic Physics Lab 7 (Course code: 117216)	25 + 25=50 **(2 Credits)**	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.
3	B.Sc. II Semester – IV	**4S Forensic Science** Forensic Biology	80 + 20 =100	B.Sc. II Semester – III	**Minor Theory Course –** Forensic Biology (Course Code-117223)	30 + 20 = 50 **(2 Credit)**	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	**4S Forensic Science** Forensic Biology **Practicals**	50	B.Sc. II Semester – IV	**Minor Practical Course –** Minor Forensic Biology Practical-Lab1 (Course Code 1117224)	25 + 25=50 **(2 Credits)**	50 (CGS) 25 + 25 = 50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Forensic Science Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Forensic Science (Semester I- IV)

Sr. No.	Class / Semester (CBCS)	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	**1S Forensic Science** Basics of Forensic Science **CODE: FRS (1S) T**	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	**Major / Minor Theory** – Basics of Forensic Science 1 **(Course Code: 117200)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	**1S Forensic Science Practicals** Basics of Forensic Science **CODE: FRS (1S) Practical**	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	**Major Lab- I** Basics of Forensic Science Practical-Lab **(Course Code: 117201)**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	**2S Forensic Science** Forensic Chemistry **CODE: FRS (2S) T**	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	**Major / Minor Course:** Basics of Forensic Chemistry and Toxicology **(Course Code – 117205)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	**Forensic Science 2S** Forensic Chemistry **Practicals CODE: FRS (2S)Pr**	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	**Major Lab:** Basics of Forensic Chemistry and Toxicology Practical-Lab 3 **(Course Code – 117206)**	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

5	B.Sc. II Semester – III	**Forensic Science 3S CODE: FRS (3S) T** Forensic Physics	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Minor Theory Course** Minor Forensic Science – 2 Forensic Physics and ballistics (Course Code-117215)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	**Forensic Science 3S Practicals** Forensic Physics **CODE: FRS(3S) Pr**	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Minor Practical Course** Minor Forensic Physics Lab 7 (Course code: 117216)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	**Forensic Science 4S** Forensic Biology **CODE: FRS(4S) T**	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Minor Theory Course –** Forensic Biology (Course Code-117223)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	**Forensic Science 4S** Forensic Biology **Practicals CODE: FRS (4S)Pr**	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	**Minor Practical Course –** Minor Forensic Biology Practical-Lab1 (Course Code -117224)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Industrial Chemistry Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Industrial Chemistry (Semester III- IV)

Sr. No.	Class / Semester (CGS)	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester –III	**3S Industrial Chemistry**	80 + 20 =100	B.Sc. II Semester – IV	**Major Theory Course** Mass Transfer Operations (Course Code-120211)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester –III	**3S Industrial Chemistry Practicals**	50	B.Sc. II Semester – III	**Major Practical Course –** Industrial Chemistry Lab 6 (Course code: 120214)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.
3	B.Sc. II Semester –IV	**4S Industrial Chemistry**	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course** Unit Processes -1 (Course Code-120220)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal-CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester –IV	**4S Industrial Chemistry Practicals**	50	B.Sc. II Semester – IV	**Major Practical Course –** Industrial Chemistry Lab- 10 (Course Code-120222)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Industrial Chemistry Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Industrial Chemistry (Semester I- IV)

Sr. No.	Class / Semester (CBCS)	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	**Industrial Chemistry 1S** **CODE: INC(1S) T**	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	**Major / Minor Theory – Mole Concept and Material Balance (Course Code: 120200)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	**Industrial Chemistry 1S Practicals** **CODE: INC(1S) Pr**	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	**Major Lab- Industrial Chemistry Lab 1 (Course Code – 120201)**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	**Industrial Chemistry 2S CODE: INC(2S) T**	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	**Major Course: Fuels and Energy Balance (Course Code – 120205)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	**Industrial Chemistry 2S Practicals** **CODE: INC(2S) Pr**	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	**Major Lab: Industrial Chemistry Lab- 3 (Course Code – 120206)**	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

5	B.Sc. II Semester – III	**Industrial Chemistry 3S** **CODE: INC (3S) T**	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course – Mass Transfer Operations (Course Code-120211)**	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	**Industrial Chemistry 3S Practicals** **CODE: INC(3S) Pr**	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Lab Course – Industrial Chemistry Lab 6 (Course Code-120214)**	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	**Industrial Chemistry 4S** **CODE: INC (4S) T**	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course – Unit Processes-1 (Course Code-120220)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	**Industrial Chemistry 4S Practicals** **CODE: INC(4S) Pr**	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	**Major Practical Course – Industrial Chemistry Lab 10 (Course Code-120222)**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Petrochemical Sxience Courses (Semester III–IV) into NEP 2020 Curriculum for

B.Sc. Petrochemical Science (Semester III- IV)

Sr. No.	Class / Semester (CGS)	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	**3S Petrochemical Science**	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course** **Basic Operations in Petrochemical Industries (128212)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	**3S Petrochemical Science Practicals**	50	B.Sc. II Semester – III	**Major Practical Course –** Identification of various Petroleum product tests (Course code: 128214)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.
3	B.Sc. II Semester – IV	**4S Petrochemical Science**	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course –** **Cracking and Reforming –I (128220)**	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	**4S Petrochemical Science Practicals**	50	B.Sc. II Semester – IV	**Minor Practical Course –** Experiment to Indentify various parameter (Course Code-128222)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Petrochemical Science Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Petrochemical Science (Semester I- IV)

Sr. No.	Class / Semester (CBCS)	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	**Petrochemical Science 1S** **CODE: PCH (1S)T**	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	**Major Theory – Basic Concept in Petro-Chemistry (128200)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	**Petrochemical Science 1S Practicals** **CODE: PCH (1S)Pr**	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	**Major Lab- Lab 1 Basic techniques in Petrochemical Science (Course Code – 128201)**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	**Petrochemical Science 2S** **CODE: PCH (2S)T**	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	**Major Course: Exploration and Classification of Petroleum (Course Code – 128205)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	**Petrochemical Science Practicals** **CODE: PCH (2S)Pr**	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	**Major Lab: Lab- 3 Identification of various Petroleum products tests (Course Code – 128206)**	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

5	B.Sc. II Semester – III	**Petrochemical Science 3S** **CODE: PCH (3S) T**	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course – Basic operation in Petrochemical Industries (Course Code-128212)**	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	**Petrochemical Science 3S Practicals** **CODE: PCH (3S)Pr**	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Lab Course – Lab 6 Identification of various petroleum tests (Course Code-128214)**	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	**Petrochemical Science 4S** **CODE: PCH (4S) T**	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course – Cracking and Reforming – I (Course Code-128220)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	**Petrochemical Science 4S Practicals** **CODE: PCH (4S)Pr**	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	**Major Practical Course – Experiment to Identtify various parameter (Course Code-128222)**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Chemistry Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Chemistry (Semester III- IV)

Sr. No.	Class / Semester (CGS)	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	**3S Chemistry**	80 + 20 =100	B.Sc. II Semester – IV	**Minor Theory Course –** Minor Chemistry-2 (Course Code-108223)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	**3S Chemistry Practicals**	50	B.Sc. II Semester – III	**Major Practical Course –** Chemistry Lab 6 (Course code: 108214)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.
3	B.Sc. II Semester – IV	**4S Chemistry**	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course –** General Chemistry-3 (Course Code-108211)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal-CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	**4S Chemistry Practicals**	50	B.Sc. II Semester – IV	**Minor Practical Course –** Minor Chemistry Lab- 1 (Course Code-108224)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Chemistry Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Chemistry (Semester I- IV)

Sr. No.	Class / Semester (CBCS)	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester (NEP)	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	**Chemistry 1S** **CODE: CHE(1S)T**	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	**Major / Minor Theory – General Chemistry 1 (Course Code: 108200)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	**Chemistry 1S Practicals** **CODE: CHE(1S)Pr**	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	**Major Lab- Chemistry Lab 1 (Course Code – 108201)**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	**Chemistry 2S** **CODE: CHE(2S)T**	80 + 20=100 (4.5 Credits)	B.Sc. II Semester – IV	**Minor Theory Course: Minor Chemistry 2 (Course Code – 108223)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	**Chemistry 2S Practicals** **CODE: CHE(2S)Pr**	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	**Major Lab: Chemistry Lab- 3 (Course Code – 108206)**	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

5	B.Sc. II Semester – III	**Chemistry 3S** **CODE:CHE (3S) T**	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course – General Chemistry-3 (Course Code-108211)**	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	**Chemistry 3S Practicals** **CODE: CHE(3S)Pr**	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Lab Course – Chemistry Lab 6 (Course Code-108214)**	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	**Chemistry 4S** **CODE:CHE (4S) T**	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course – OrganicChemistry-1 (Course Code-108220)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	**Chemistry 4S Practicals** **CODE: CHE(4S)Pr**	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	**Major Practical Course – Chemistry Lab 10 (Course Code-108222)**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Food Science Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Food Science (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	Food Microbiology	80 + 20=100	B.Sc. II Semester – IV	**Major Theory Course –** Food Microbiolgy (Course Code-116221)	30 + 20 = 50 (2Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	Practical	50	B.Sc. II Semester – IV	**Major Practical/ Lab – 11** Practical Approach to Food Biology (Course Code-116222)	25 + 25 = 50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

3	B.Sc. II Semester – IV	Food Preservation and Quality Control	80 + 20=100	B.Sc. II Semester – V	**Minor Practical/ Lab 18 –** Laboratory Techniques in Spoilage and Preservation (Course Code-116239)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Practical	50	B.Sc. II Semester – IV	**Major Practical Course –** Practical Approach to Food Biology (Course Code-116222)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Food Science Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Food Science (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	FSC1-T: Fundamentals of Food Science	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	Major / Minor Theory – Fundamentals of Food Science (Course Code – 116200)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

2	B.Sc. I Semester – I	FSC1-P: Practical	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	Lab / Practical – 1: Fundamental Techniques in Food Science (Course Code – 116201)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should be awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	FSC2-T: Fundamentals of Food Chemistry	80 + 20=100 (4.5 Credits)	B.Sc. II Semester – III	Major Theory Courses: Food Chemistry I and Food Chemistry II (Course Codes – 116211, 116212)	30 + 20 = 50 30 + 20 = 50 (4 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 60+ 40 = 100 (Theory & Internal- NEP for both papers) Total marks obtained in both NEP theory papers should be awarded as it is for CBCS paper as the total marks are same.
4	B.Sc. I Semester – II	FSC2-P: Practical :	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – III	Lab / Practical – 8: Practical Approach to Food Chemistry (Course Code – 116213)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should be awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	FSC3-T: Basic Biochemistry and Food Microbiology	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – IV	**Major Theory Courses –** Food Biochemistry and Food Microbiolgy (Course Codes – 116220, 116221)	30 + 20 = 50 30 + 20 = 50 (4 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 60+ 40 = 100 (Theory & Internal- NEP for both papers) Total marks obtained in both NEP theory papers should be awarded as it is for CBCS paper as the total marks are same.

6	B.Sc. II Semester – III	FSC3-P: Practical	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – IV	**Major Practical/ Lab 11 –** Practical approach to food biology (Course Code-116222)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should be awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	FSC4-T: Food Quality and Preservation	80 + 20=100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course –** Food Quality and Preservation (Course Code-116229)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	FSC4-P: Practical	25 + 25=50 (2.25Credits)	B.Sc. II Semester – V	**Minor Practical/ Lab 18 –** Laboratory Techniques in Spoilage and Preservation (Course Code-116239)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should be awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Microbiology Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Microbiology (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	**3S- Microbiology**: Molecular Biology and Genetic Engineering	80 + 20 =100	B.Sc. III Semester – V	**Major Theory Course –** Biochemistry & Metabolism (Course Code-127231)	30+20 =50 (2 Credits)	80 + 20 =100 (Theory and Internal-CGS) 30+ 20 = 50 (Theory & Internal-NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	**Practicals**	50	B.Sc. II Semester – V	**Major Practical Course –** Biochemistry & Environmental Microbiology (Course Code-127233)	25+25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

3	B.Sc. II Semester – IV	**4S- Microbiology:** Medical Microbiology	80 + 20 =100	B.Sc. II Semester – IV	**Major Theory Course –** Medical Microbiology (Course Code-127220)	30+20 =50 (2 Credit)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	**Practicals**	50	B.Sc. II Semester – IV	**Major Practical Course –** Medical Microbiology and serology (Course Code-127222)	25+ 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Microbiology Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Microbiology (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	**MCB1** Fundamentals Of Microbiology And Microbial Physiology	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	**Major / Minor Theory –** Introductory Microbiology (Course Code – 127200)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	**Practical :** Fundamentals Of Microbiology And Microbial Physiology Lab 1	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	**Lab / Practical :** Basic techniques and Study of microbes (Course Code – 127201)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	**MCB 2** General And Applied Microbiology	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	**Major / Minor Course**: Bacteriology and Microbial control (Course Code – 127205)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

4	B.Sc. I Semester – II	**Practical :** General And Applied Microbiology Lab 2	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	**Lab / Practical** : Techniques for culturing Bacteria (Course Code – 127206)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	**MCB-(3S)** Medical Microbiology	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – IV	**Major Theory Course –** Medical Microbiology (Course Code-127220)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	**Practical :** MCB-(3s) Practical	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – IV	**Major Practical Course** Medical Microbiology and serology (Course Code-127222)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	**MCB-(4S)** Biochemistry and Molecular Biology	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – V	**Major Theory Course:** Biochemistry & Metabolism (Course Code-127231)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

8	B.Sc. II Semester – IV	**Practical :** MCB-(4S) Practical	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – V	**Major Practical Course:** Biochemistry & Environmental Microbiology (Course Code-127233)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Biochemistry Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Biochemistry (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
2	B.Sc. II Semester – III	Practical	50	B.Sc. II Semester – III	**Major Practical Course –** Practical Aspects in Metabolic Biochemistry (Course Code-103213)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

3	B.Sc. II Semester – IV	4 S-Biochemistry (Enzymology)	80 + 20 =100	B.Sc. II Semester – IV	**Major Theory Course –** Basic Enzymology (Course Code-107222)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
1	B.Sc. II Semester – III	3 S -Biochemistry (Intermediary Metabolism)	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course –** Metabolism I (Course Code-103211)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Practical	50	B.Sc. II Semester – IV	**Major Practical Course –** Enzyme Technology: Laboratory Methods (Course Code-103222)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Biochemistry Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Biochemistry (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	Biomolecules (1S)	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	Biomolecules (Course Code – 103200)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

2	B.Sc. I Semester – I	Practical – Biochemical Preparations,Colorimetry and Titrometry.	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	Lab / Practical – I: Practicals in Basic Biochemistry (Course Code – 107201)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	Biophysical and Biochemical techniques.(2S)	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	Biophysical and Biochemical techniques (Course Code – 103205)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

4	B.Sc. I Semester – II	Practical : Biophysical and Analytical Techniques	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	Lab / Practical – II: Quantitative analysis of Biomolecules (Course Code – 103206)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	Intermediary Metabolism (3S)	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course –** Metabolism I (Course Code-103211)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	Practical – BCM (3S) Practical	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Practical Course –** Practical Aspects in Metabolic Biochemistry (Course Code-103213))	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	Enzymology (4S)	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course –** Basic Enzymology (Course Code-107222**)**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	Practical – 4 S Biochemistry Practical	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	**Major Practical Course –** Enzyme Technology: Laboratory Methods (Course Code-103222)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Botany Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Botany (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	Angiosperm Systematics, Anatomy and Embryology	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course –** Cryptogams- II and Gymnosperms (Course Code-107213)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	Practical	50	B.Sc. II Semester – III	**Major Practical Course –** Techniques in Microbial Studies, Plant Diseases and Cryptogams and Gymnosperms (Course Code-107214)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

3	B.Sc. II Semester – IV	Cell Biology, Genetics and Biochemistry	80 + 20 =100	B.Sc. II Semester – IV	**Major Theory Course –** Cellular Frontiers in Botany - Cell Biology, Cytogenetics and Molecular Biology (Course Code-107222)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Practical	50	B.Sc. II Semester – IV	**Major Practical Course –** Experimental Botany in Economic, Medicinal, Cellular and Molecular Studies (Course Code-107223)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Botany Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Botany (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	Diversity of Microbes, Phycology, Mycology and Phytopathology	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	Major / Minor Theory – Foundations of Plant Science and Career Development (Course Code – 107201)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

2	B.Sc. I Semester – I	Practical – Diversity of Microbes, Phycology, Mycology and Phytopathology	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	Lab / Practical – I: Foundations and Prospects of Plant Science (Course Code – 107202)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	Bryophytes, Pteridophytes, Gymnosperms and Morphology of Angiosperms and Utilization of Plants	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	Major / Minor Course: Fundamental Life Processes in Plants (Course Code – 107206)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	Practical : Bryophytes, Pteridophytes, Gymnosperms and Morphology of Angiosperms and Utilization of Plants	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	Lab / Practical – II: Hands on Exploration of Life Processes (Course Code – 107207)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	Angiosperm Systematics, Anatomy and Embryology	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course –** Th- 2: Cryptogams-II and Gymnosperms (Course Code-107213)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

6	B.Sc. II Semester – III	Practical – Angiosperm Systematics, Anatomy and Embryology	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Practical Course –** Techniques in Microbial Studies, Plant Diseases and Cryptogams and Gymnosperms (Course Code-107214)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	Cell Biology, Genetics and Plant Breeding	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course –** Th-2: Cellular Frontiers in Botany - Cell Biology, Cytogenetics and Molecular Biology (Course Code-107222)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	Practical – Cell Biology, Genetics and Plant Breeding	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	**Major Practical Course –** Experimental Botany in Economic, Medicinal, Cellular and Molecular Studies (Course Code-107224)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Botany Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Botany (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	Angiosperm Systematics, Anatomy and Embryology	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course –** Cryptogams- II and Gymnosperms (Course Code-107213)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	Practical	50	B.Sc. II Semester – III	**Major Practical Course –** Techniques in Microbial Studies, Plant Diseases and Cryptogams and Gymnosperms (Course Code-107214)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

3	B.Sc. II Semester – IV	Cell Biology, Genetics and Biochemistry	80 + 20 =100	B.Sc. II Semester – IV	**Major Theory Course –** Cellular Frontiers in Botany - Cell Biology, Cytogenetics and Molecular Biology (Course Code-107222)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Practical	50	B.Sc. II Semester – IV	**Major Practical Course –** Experimental Botany in Economic, Medicinal, Cellular and Molecular Studies (Course Code-107223)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Botany Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Botany (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	Diversity of Microbes, Phycology, Mycology and Phytopathology	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	Major / Minor Theory – Foundations of Plant Science and Career Development (Course Code – 107201)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks

							obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	Practical – Diversity of Microbes, Phycology, Mycology and Phytopathology	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	Lab / Practical – I: Foundations and Prospects of Plant Science (Course Code – 107202)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	Bryophytes, Pteridophytes, Gymnosperms and Morphology of Angiosperms and Utilization of Plants	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	Major / Minor Course: Fundamental Life Processes in Plants (Course Code – 107206)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	Practical : Bryophytes, Pteridophytes, Gymnosperms and Morphology of Angiosperms and Utilization of Plants	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	Lab / Practical – II: Hands on Exploration of Life Processes (Course Code – 107207)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	Angiosperm Systematics, Anatomy and Embryology	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course –** Th- 2: Cryptogams-II and Gymnosperms (Course Code-107213)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

6	B.Sc. II Semester – III	Practical – Angiosperm Systematics, Anatomy and Embryology	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Practical Course –** Techniques in Microbial Studies, Plant Diseases and Cryptogams and Gymnosperms (Course Code-107214)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	Cell Biology, Genetics and Plant Breeding	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course –** Th-2: Cellular Frontiers in Botany - Cell Biology, Cytogenetics and Molecular Biology (Course Code-107222)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	Practical – Cell Biology, Genetics and Plant Breeding	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	**Major Practical Course –** Experimental Botany in Economic, Medicinal, Cellular and Molecular Studies (Course Code-107224)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Electronics Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Electronics (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	Code: 3S Paper: Electronic Devices & Circuits	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course –** Electronic Devices & Circuits-I (Course Code-113212)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	Practical	50	B.Sc. II Semester – III	**Major Practical Course –** Practical based on Major Theory 3 & 4 (Course Code-113215)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

3	B.Sc. II Semester – IV	Code: 4S Paper: Communication Electronics & Microprocessor 8085	80 + 20 =100	B.Sc. II Semester – V	**Major Theory Course –** Paper/ Course: Communication Electronics (Course Code-113232)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Practical	50	B.Sc. II Semester – V	**Major Practical Course –** Practical based on Theory 113231, 113232 & 113233 (Course Code-113234)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Electronics Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Electronics (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	Code: 1S Paper: Basics of Electronics	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	Major / Minor Theory – Theory 1: Fundamentals of Electronics (Course Code – 113201)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	Practical	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	Lab / Practical – I: Practical based on Major Theory 1 (Course Code – 113202)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	Code: 2S Paper: Digital Electronics	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – III	Major / Minor Course: Theory 4: Digital Techniques- I (Course Code – 113213)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

4	B.Sc. I Semester – II	Practical	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – III	Lab / Practical – 6: Practical based on Major Theory 3 & 4 (Course Code – 113215)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	Code: 3S Paper: Electronic Devices & Circuits	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course –** Theory 3: Electronic Devices & Circuits-I (Course Code-113212)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	Practical	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Practical Course –** Practical 6: Practical based on Theory 3 & 4 (Course Code-113215)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	Code: 4S Paper: Communication Electronics & Microprocessor 8085	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – V	**Major Theory Course –** Theory 9: Communication Electronics (Course Code-113232)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	Practical	25 + 25=50	B.Sc. II Semester – V	**Major Practical Course –**	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP)

			(2.25 Credits)		Practical 12: Practical based on Theory 8, 9 & 10 (Course Code-113234)		Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

Ad-hoc BoS in Zoology

Absorption Scheme for CBCS Pattern to NEP 2020 B.Sc. I Semester I & II (Apiculture)

Sr. No.	**Class**	**CBCS Pattern/Subject and Code**	**Equivalent New Subject& Code (NEP)**	**Absorption Scheme**
1	B.Sc. I (Semester-I)	Code: 1S Paper: Systematic and Morphology of Honey Bees.	Code: 100204 Paper/ Course: Systematics and Morphology of honeybees **(Of B.Sc. II Sem-III)**	i) Marks obtained by the student out of 30 under NEP Sem.-I syllabus in the theory paper 100204: Systematics and Morphology of honeybees, shall be converted out of 80 in proportion. ii) Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

2	B.Sc. I (Semester-II)	Code: 2S Paper: Bee flora-food for honey bee	Code: 100202 Paper/ Course: Food and foraging of Bees	i) Marks obtained by the student out of 30 under NEP Sem.-III syllabus in the theory paper 100202: Food and foraging of Bees shall be converted out of 80 in proportion. ii) Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

Ad-hoc BoS in Zoology
Absorption Scheme for CBCS Pattern to NEP 2020
B.Sc. II Semester III & IV (Apiculture)

Sr. No.	Class	CBCS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. II (Semester-III)	Code: 3S Paper: Fundamentals of beekeeping	Code: 100200 Paper/ Course: Introduction to Honey bee and beekeeping	i) Marks obtained by the student out of 30 under NEP Sem.-III syllabus in the theory paper 100200- Introduction to Honey bee and beekeeping shall be converted out of 80 in proportion. ii) Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. II (Semester-IV)	Code: 4S Paper: Bee breeding and Bee diseases	Code: 100229 Paper/ Course: Bee Diseases and Their Management (B.Sc. III Sem-VI)	i) Marks obtained by the student out of 30 under NEP Sem.-V syllabus in the theory paper 100229: Bee Diseases and Their Management shall be converted out of 80 in proportion. ii) Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

Ad-hoc BoS in Zoology
Absorption Scheme for CGS Pattern to NEP 2020 B.Sc.
III Semester V & VI (Apiculture)

Sr. No.	Class	CGS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. III (Semester-V)	Code: 5S Paper: Cytogenetic & Bee breeding	Code: 100204 (B.Sc. II Sem-III) Paper/ Course: Systematics and Morphology of honeybees	i) Marks obtained by the student out of 30 under NEP Sem.-V syllabus in the theory paper 100204: Systematics and Morphology of honeybees shall be converted out of 80 in proportion. ii) Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. III (Semester-VI)	Code: 6S Paper: Management, Marketing & Extraction	Code: 100235 Elective-4 (Sem-6) Course: Advance Processing, value addition and Quality management of Honey Bee Product	i) Marks obtained by the student out of 30 under NEP Sem.-IV syllabus in the theory paper 100235: Advance Processing, value addition and Quality management of Honey Bee Product shall be converted out of 80 in proportion. ii) Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

BoS in Zoology
Absorption Scheme for CBCS Pattern to NEP 2020
B.Sc. I (Semester I & II)

Sr. No.	Class	CBCS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. I (Semester-I)	Code: DSC -1-01S Paper: Life and diversity of Animals (Non-Chordata)	Level 4.5 (Semester -I) Code: **133201** Paper / Course: **Fundamental Biology of Invertebrates**	• Marks obtained by the student out of 30 under NEP Sem.-I syllabus in the theory paper shall be converted out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. I (Semester-II)	Code: DSC-2-02S Paper: Life and diversity of Animals (Chordata) and concept of Evolution	Level 4.5 (Semester -II) Code: **133206** Paper/ Course: **Fundamental Biology of Chordates**	• Marks obtained by the student out of 30 under NEP Sem.-II syllabus in the theory paper shall be converted out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

BoS in Zoology
Absorption Scheme for CBCS Pattern to NEP 2020
B.Sc. II (Semester III & IV)

Sr. No.	Class	CBCS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. II (Semester-III)	Code: DSC-3-03S Paper: Cell Biology and Developmental Biology	Level 5.0 (Semester -III) Code: **133212** Paper / Course: **Major - Cytology** And Level 5.0 (Semester -III) Code: **133213** **Major- Developmental Biology of Vertebrates**	• Marks obtained by the student out of 30 (in each Paper) under NEP Sem.-III Major syllabus in the theory (Major - Cytology and Major- Developmental Biology of Vertebrates) both papers shall be converted combine out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. II (Semester-IV)	Code: DSC-4-04S Paper: Genetics and Ecology	Level 5.0 (Semester -IV) Code: **133221** Paper/ Course: **Major- Fundamentals of Genetics** And Level 5.0 (Semester -IV) Code: **133224** **Minor- Fundamentals of Ecology**	• Marks obtained by the student out of 30 (in each Paper) under NEP Sem.-IV Major syllabus in the theory (Major – Fundamentals of Genetics and Minor- Fundamentals of Ecology) both papers shall be converted combine out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

BoS in Zoology
Absorption Scheme for CBCS Pattern to NEP 2020
B.Sc. III (Semester V & VI)

Sr. No.	Class	CBCS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. III (Semester-V)	Code: DSC-5-05 S Paper: Animal Physiology	Level 5.5 (Semester -V) Code: **133231** Paper/ Course: **Major- Human Physiology**	• Marks obtained by the student out of 30 under NEP Sem.-V syllabus in the theory (Major - Human Physiology) papers shall be converted out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. III (Semester-VI)	Code: DSE-1-06 S Paper: Molecular Biology And Biotechnology	Level 5.5 (Semester -V) Code: **133233** Paper/ Course: **Major- Applied Animal Biotechnology**	• Marks obtained by the student out of 30 under NEP Sem.-V syllabus in the theory (Major - Animal Biotechnology- Applied) paper shall be converted out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
		Code: DSE-2-06 S Paper: Animal Behaviour and Ecology	Level 5.5 (Semester -V) Code: **133239** Paper/ Course: **Minor- Forest Ecology & Wildlife Management**	• Marks obtained by the student out of 30 under NEP Sem.-V syllabus in the theory (Minor- Forest Ecology & Wildlife Management) paper shall be converted out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

BoS in Zoology
Absorption Scheme for CGS Pattern to NEP 2020 B.Sc.
I (Semester I & II)

Sr. No.	Class	CGS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. I (Semester-I)	Code: 1S Paper: Life and diversity of Non-Chordata	Level 4.5 (Semester -I) Code: **133201** Paper / Course: **Fundamental Biology of Invertebrates**	• Marks obtained by the student out of 30 under NEP Sem.-I syllabus in the theory paper shall be converted out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. I (Semester-II)	Code: 2S Paper: Cell and Developmental Biology	Level 5.0 (Semester -III) Code: **133212** Paper / Course: **Major - Cytology** And Level 5.0 (Semester -III) Code: **133213** **Major- Developmental Biology of Vertebrates**	• Marks obtained by the student out of 30 (in each Paper) under NEP Sem.-III Major syllabus in the theory (Major - Cytology and Major- Developmental Biology of Vertebrates) both papers shall be converted combine out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

BoS in Zoology
Absorption Scheme for CGS Pattern to NEP 2020 B.Sc.
II (Semester III & IV)

Sr. No.	Class	CGS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. II (Semester-III)	Code: 3S Paper: Life and diversity of Animals (Chordata) and concept of Evolution	Level 4.5 (Semester -II) Code: **133206** Paper/ Course: **Fundamental Biology of Chordates** And Level 5.5 (Semester -V) Code: **133232 Major- Evolution and Animal Adaptation**	• Marks obtained by the student out of 30 (in each Paper) under NEP Sem.-II Major syllabus in the theory (Major – Fundamental Biology of Chordates and Sem.-V Major- Evolution and Animal Adaptation) both papers shall be converted combine out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. II (Semester-IV)	Code: 4S Paper: Advanced Genetics And Animal Ecology	Level 5.0 (Semester -IV) Code: **133222** Paper/ Course: **Major- Advanced Genetics** And Level 5.0 (Semester -IV) Code: **133224 Minor- Fundamentals of Ecology**	• Marks obtained by the student out of 30 (in each Paper) under NEP Sem.-IV Major syllabus in the theory (Major – Advanced Genetics and Minor- Fundamentals of Ecology) both papers shall be converted combine out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

BoS in Zoology
Absorption Scheme for CGS Pattern to NEP 2020 B.Sc.
III (Semester V & VI)

Sr. No.	Class	CGS Pattern/Subject and Code	Equivalent New Subject& Code (NEP)	Absorption Scheme
1	B.Sc. III (Semester-V)	Code: 5S Paper: Animal Physiology and Economic Zoology	Level 5.5 (Semester -V) Code: **133231** Paper/ Course: **Major- Human Physiology** And Level 5.5 (Semester -V) Code: **133237** Paper/ Course: **Major Elective –Fisheries & Aquatic Resource Management**	• Marks obtained by the student out of 30 (in each Paper) under NEP Sem.-V Major syllabus in the theory (Major – Human Physiology and Major Elective Fisheries & Aquatic Resource Management) both papers shall be converted combine out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.
2	B.Sc. III (Semester-VI)	Code: 6S Paper: Molecular Biology And Biotechnology	Level 5.0 (Semester -IV) Code: **133230** **Major- Fundamental of Biomolecules & Metabolism** And Level 5.5 (Semester -V) Code: **133233** Paper/ Course: **Major- Applied Animal Biotechnology**	• Marks obtained by the student out of 30 (in each Paper) under NEP Major syllabus in the theory (Sem – IV Major- Fundamental of Biomolecules & Metabolism and Sem-V Major – Applied Animal Biotechnology) both papers shall be converted combine out of 80 in proportion. • Internal Marks if allotted by the college out of 20 shall be given as it is and if not allotted by the college shall be in proportion to the marks obtained in theory out of 30.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Mathematics Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Mathematics (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	Paper-V: Advanced Calculus	60 + 15 = 75	B.Sc. II Semester –III	**Major Theory Course – Theory-4:** Advanced Calculus (Course Code-126212)	30 + 20 = 50 (2 Credits)	60 + 15 =75 (Theory and Internal- CGS) 30 + 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	Paper-VI: Elementary Number Theory	60 + 15 = 75	B.Sc. III Semester – V	**Major (Elective) Theory Course – Theory-2:** Number Theory (Course Code-126236)	30 + 20 = 50 (2 Credits)	60 + 15 =75 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks

							obtained in the theory paper of NEP 2020
3	B.Sc. II Semester – IV	Paper-VII: Modern Algebra: Groups and Rings	60 + 15 = 75	B.Sc. II Semester –IV	**Major Theory Course – Theory- 6:** Elements of Algebra (Course Code-126220)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Paper-VIII: Classical Mechanics	60 + 15 = 75	B.Sc. III Semester – V	**Major (Elective) Theory Course – Theory-1:** Classical Mechanics (Course Code-126234)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Mathematics Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Mathematics (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme

1	B.Sc. I Semester – I	DSC-I: Algebra and Trigonometry	60 + 15 = 75 (3.75 Credits)	B.Sc. I Semester – I	**Major Theory Course - Theory-1:** Algebra and Calculus (Course Code – 126200)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	DSC-II: Differential and Integral Calculus	60 + 15 = 75 (3.75 Credits)	B.Sc. II Semester – III	**Minor Theory Course - Theory-1:** Integral Calculus and Trigonometric Series (Course Code – 126215)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
3	B.Sc. I Semester – II	DSC-III: Ordinary Differential Equations	60 + 15 = 75 (3.75 Credits)	B.Sc. II Semester – IV	**Major Theory Course - Theory-5:** Ordinary Differential Equations (Course Code – 126219)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	DSC-IV: Vector Analysis and Geometry	60 + 15 = 75 (3.75 Credits)	B.Sc. I Semester – II	**Major Theory Course - Theory-2** : Vector Analysis and Geometry (Course Code – 126205)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

5	B.Sc. II Semester – III	DSC-V: Advanced Calculus	60 + 15 = 75 (3.75 Credits)	B.Sc. II Semester – III	**Major Theory Course – Theory-4:** Advanced Calculus (Course Code-126212)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	DSC-VI: Partial Differential Equations	60 + 15 = 75 (3.75 Credits)	B.Sc. III Semester – V	**Major Theory Course – Theory-9:** Partial Differential Equations (Course Code-126231)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
7	B.Sc. II Semester – IV	DSC-VII: Elements of Algebra	60 + 15 = 75 (3.75 Credits)	B.Sc. II Semester – IV	**Major Theory Course – Theory-6:** Elements of Algebra (Course Code-126220)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	DSC-VIII: Classical Mechanics	60 + 15 = 75 (3.75 Credits)	B.Sc. III Semester – V	**Major (Elective) Theory Course – Theory-1:** Classical Mechanics (Course Code-126234)	30 + 20 = 50 (2 Credits)	60 + 15 = 75 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

I. Scheme of Equivalence and Absorption of CGS B.Sc. Environmental Science Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Environmental Science (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	Environmental Chemistry	80 + 20 =100	B.Sc. II Semester – III	**Major Theory Course –** Dynamics of Biodiversity (Course Code-114204) **Major Theory Course –** Environmental Chemistry (Course Code-114205)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal-CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	Lab - Environmental Chemistry	50	B.Sc. II Semester – III	**Major Practical Course –** Major Lab- Biodiversity and Environmental Chemistry (Course Code-114206)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

3	B.Sc. II Semester – IV	Environmental Pollution	80 + 20 =100	B.Sc. II Semester – IV	**Major Theory Course –** Environmental Pollution 1 (Course Code-114211) **Major Theory Course –** Environmental Pollution 2 (Course Code-114212)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal-CGS) 30+ 20 = 50 (Theory & Internal-NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Lab - Environmental Pollution	50	B.Sc. II Semester – IV	**Major Practical Course –** Experiments based on Environmental Pollution (Course Code-114213)	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Botany Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Botany (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	Environment and Ecology	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	Major / Minor Theory – Fundamentals of Environmental Science (Course Code – 114200)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. I Semester – I	Practical – Environment and Ecology	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	Lab / Practical – I: Environmental Science Major Lab-1 (Course Code – 114201)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	Paper: Physical Environment and Natural Resources	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	Major / Minor Course: Environment and Ecology (Course Code – 114202)	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

4	B.Sc. I Semester – II	Practical : Paper: Physical Environment and Natural Resources	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	Lab / Practical – II: Environment and Ecology (Course Code – 114203)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	Environmental Chemistry	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course –** Dynamics of Biodiversity (Course Code-114204) **Major Theory Course –** Environmental Chemistry (Course Code-114205)	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	Practical – Environmental Chemistry	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	Major Lab- Techiques in Biodiversity and Environmental Chemistry (Course Code-114206)	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	Environmental Pollution	80 + 20 =100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course –** Environmental Pollution-1 (Course Code-114211) **Major Theory Course –** Environmental Pollution-2 (Course Code-114212) **Major Theory Course –**	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

					Global Environmental Change and Resilience (Course Code-**114217**)		
8	B.Sc. II Semester – IV	Practical – Environmental Pollution	25 + 25=50 (2.25 Credits)	B.Sc. II Semester – IV	Lab/Practical based on Environmental pollution. (Course Code-114213)	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

I. Scheme of Equivalence and Absorption of CGS B.Sc. Statistics Courses (Semester III–IV) into NEP 2020 Curriculum for B.Sc. Statistics (Semester III- IV)

Sr. No.	Class / Semester	CGS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. II Semester – III	Statistics (STS)	80 + 20=100	B.Sc. II Semester – III	**Major Theory Course –** Major-T, Bivariate Dataand vital statistics, Course Code Code-1320301	30 + 20 = 50 (2Credits)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
2	B.Sc. II Semester – III	Practical	50	B.Sc. II Semester – III	**Major Practical Course –** Practical Based on 1320301 and 1320302, Course Code-13203P1	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.
3	B.Sc. II Semester – IV	Statistics (STS)	80 + 20=100	B.Sc. II Semester – IV	**Major Theory Course –** Major-T, Code-1320402, SamplingDistributionsand LargeSample Tests	30 + 20 = 50 (2Credit)	80 + 20 =100 (Theory and Internal- CGS) 30+ 20 = 50 (Theory & Internal- NEP) CGS Marks should be awarded based on the

							percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. II Semester – IV	Practical	50	B.Sc. II Semester – IV	**Major Practical Course –** Practicals on 1320401 and 1320402, Course Code-13204P1	25 + 25=50 (2 Credits)	50 (CGS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CGS practical as the total marks are same in both schemes.

II. Scheme of Equivalence and Absorption of CBCS B.Sc. Statistics Courses (Semester I–IV) into NEP 2020 Curriculum for B.Sc. Statistics (Semester I- IV)

Sr. No.	Class / Semester	CBCS Subject / Course Title	Marks Pattern and Credit (Theory and Internal) Practical	Class / Semester	Name of Subject/ Course and Code in which to be absorbed in NEP 2020 Pattern	Marks Pattern and Credit (Theory and Internal) Practical External and Internal	Absorption Scheme
1	B.Sc. I Semester – I	Descriptive Statistics & Probability Theory(STS)	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – I	Major/Minor-T, Code:1320201, ProbabilityTheory	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020

2	B.Sc. I Semester – I	Practical – Descriptive Statistics & Probability Theory(STS)	25 + 25=50 (2.25 Credits)	B.Sc. I Semester – I	Lab / Practical – I: Practical based on 1320201, Course Code-13202P1	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
3	B.Sc. I Semester – II	Probability Distributions (STS)	80 + 20=100 (4.5 Credits)	B.Sc. I Semester – II	Major / Minor Course: Major-T, Theory, 1320302, Discrete Probability Distributions	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
4	B.Sc. I Semester – II	Practical: Probability Distributions (STS)	25 + 25=50 (2.25 Credit)	B.Sc. I Semester – II	Lab / Practical – II: Practical Based on 1320301 and 1320302, Course Code-13203P1	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
5	B.Sc. II Semester – III	Statistical Inference and Sampling Distributions (STS)	80 + 20=100 (4.5 Credit)	B.Sc. II Semester – III	**Major Theory Course –** Major-T, 1320402, Sampling Distributions and Large Sample Tests	30 + 20 = 50 (2 Credit)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal-NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
6	B.Sc. II Semester – III	Practical – Statistical Inference and Sampling	25 + 25=50 (2.25 Credit)	B.Sc. II Semester – III	**Major Practical Course –** Practicals on 1320401 and 1320402, Course Code-	25 + 25=50 (2 Credit)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP

		Distributions (STS)			13204P1		practical should awarded as it is for CBCS practical as the total marks are same in both schemes.
7	B.Sc. II Semester – IV	Applied Statistics(STS)	80 + 20=100 (4.5 Credits)	B.Sc. II Semester – IV	**Major Theory Course –** Major-T, 1320603 IndustrialStatistics	30 + 20 = 50 (2 Credits)	80 + 20 =100 (Theory and Internal- CBCS) 30+ 20 = 50 (Theory & Internal- NEP) CBCS Marks should be awarded based on the percentage of marks obtained in the theory paper of NEP 2020
8	B.Sc. II Semester – IV	Practical – Applied Statistics(STS)	25 + 25=50 (2.25Credits)	B.Sc. II Semester – IV	**Major Practical Course –** Practical Based on 13206M1, Course Code- 13206M1	25 + 25=50 (2 Credits)	50 (CBCS) 25 + 25=50 (NEP) Marks obtained in NEP practical should awarded as it is for CBCS practical as the total marks are same in both schemes.

ABSORPTION/ EQUIVALENCE SCHEME FOR B.Sc. GEOLOGY

(CBCS to NEP- 2020 Pattern)

SEMESTER	CBCS	NEP
I	GOG-1 General Geology, Physical Geology, Mineralogy, Crystallography and Field Geology	**Sem 1**: 119201: General Geology and Minerology **Sem 2**: 119206: Geodynamics, Optical Minerology and Crystallography
II	GOG-2 Igneous, Sedimentary and Metamorphic Petrology	**Sem 3**: 119212: Igneous Petrology
III	GOG-3 Stratigraphy and Paleontology	**Sem 4**: 119223: Stratigraphy
IV	GOG-4 Structural geology, Tectonics and Geomorphology	**Sem 5**: 119230: Structural and Tectonics Geology

ABSORPTION/ EQUIVALENCE SCHEME FOR B.Sc. GEOLOGY

(CGS to NEP-2020 Pattern)

SEMESTER	CGS	NEP
I	1S: General Geology, Physical Geology, Mineralogy, Crystallography & Field Geology	Sem 1: 119201: General Geology and Minerology Sem 2: 119206: Geodynamics, Optical Minerology and Crystallography
II	2S: Igneous, Sedimentary and Metamorphic Petrology	Sem 3: 119212: Igneous Petrology
III	3S: STRATIGRAPHY AND PALEONTOLOGY	Sem 4: 119223: Stratigraphy
IV	4S: STRUCTURAL GEOLOGY, TECTONICS AND GEOMORPHOLOGY	Sem 5: 119230: Structural and Tectonics Geology