

Integral University, Lucknow Department of Biosciences

Evaluation Scheme of Under Graduate & Post Graduate Program as per NEP-2020 Guidelines w.e.f. Session 2023-24

B.Sc. Biochemistry

Year: Third / Semester: Fifth (Odd Semester)

| B.St. Diothemistry | | | | | | | | | | | | | Semester) | | | | | | | | | |
|--------------------|---------------------|--------------------------------------------|-----------------------|-------------------------------|-------------------|------------------|-------------------|-----------------------|--------------------------------|-----|---------------------------------------------|------------------|------------------------|-----------------------|----------|--------------------------|------------|---|--------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| | | | | | Periods/ Per week | | | Continuous Assessment | | | | | | Attributes | | | | | | | | |
| s. | N. Course Code | Course Title | Theory / Practical | Course Type | Lecture (L) | futoria 1 (T) | Practic al (P) | Foot (CT) | Teacher Assessme nt (TA) | | End Semester Examinat ion (ESE) | Subject Total | Fotal Credit Points | Emplo yabilit y | reneur | Skill Develo pment | Gende r | | Huma n Value | | | |
| | B110501T / BS344 | Bioenergetics and Metabolism | Theory | | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 04 | ✓ | ✓ | ✓ | | ✓ | | ✓ | 3 DOOD HEALTH | |
| | B100503T / BS319 | Genetic Engineering | Theory | Core Major (Compulsory) | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 04 | √ | ✓ | ✓ | | ✓ | | | 9 MAISTER MODIFIER 12 DESPRESENT AND MODIFIES CO | |
| | B110503T / BS345 | Plant Biochemistry | Theory | | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 04 | | | ✓ | | ✓ | | | 2 SPECE 3 GREEN AND WELL-DETEC | |
| | B110504T / BS346 | Industrial and environmental biotechnology | Theory | | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 04 | ✓ | ✓ | ✓ | | ✓ | | ✓ | ACCIDITION OF THE PROPERTY OF | |
| : | B110502P / BS347 | Metabolism Lab | Practical | | 0 | 0 | 4 | 15 | 10 | 25 | 75 | 100 | 02 | ✓ | 1 | 1 | | | | | 2 15 EX AND WILL SERVE | |
| | B100504P / BS320 | Genetic Engineering Lab | Practical | | 0 | 0 | 4 | 15 | 10 | 25 | 75 | 100 | 02 | > | ✓ | ✓ | | ✓ | | | 9 NEASTRIC SHOWLESS 12 DESCRIPTION AND REASTRICTURE AND RESOURCES OF SHOWLESS AND AND RESOURCES OF SHOWLESS AND AND RESOURCES OF SHOWLESS AND AND ADDRESS AND ADDR | |
| | Z050501/MT337 | Analytic Ability and Digital Awareness | Theory | Co-curricular (Compulsory) | 2 | 0 | 0 | 15 | 10 | 25 | 75 | 100 | 02 | ✓ | √ | √ | | _ | ✓ | ✓ | 3 DOOD HELLE SEND | |
| ; | B100507R / BS392 | Industrial visit and survey report | Practical | Core Major | 0 | 0 | 8 | 0 | 0 | 0 | 100 | 100 | 04 | > | ✓ | √ | | ✓ | > | ✓ | 9 INCLUSTRY MODIFICAL TO CHEMPTON AND INCLUSIONS AN | |
| | | | 14 | 4 | 16 | 105 | 70 | 175 | 625 | 800 | 26 | | | | | | | | | | | |



Integral University, Lucknow Department of Biosciences

Evaluation Scheme of Under Graduate & Post Graduate Program as per NEP-2020 Guidelines

w.e.f. Session 2022-23

B.Sc. Biochemistry

Year: Third / Semester: Sixth (Even Semester)

| | | <u>, </u> | | | Periods/ Per week | | | Continuous Assessment | | | | | | Attributes | | | | | | | | |
|-------|---------------------|------------------------------------------------------------------------------|-----------------------|-------------------------------|-------------------|---|----|-----------------------|--------------------------------|-----|---------------------------------------------|------------------|------------------------|------------|--------|----------|------------|----------------------|----------|----------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S. | N. Course Code | Course Title | Theory / Practical | Course Type | | | | | Teacher Assessme nt (TA) | | End Semester Examinat ion (ESE) | Subject Total | Fotal Credit Points | | reneur | Skill | Gende r | Enviro nment & | | | United Nations Sustainable Development Goals (SDGs) | |
| | B110603T / BS353 | Biostatistics, Bioinformatics and Computer application in Biochemistry | Theory | Core Major (Compulsory) | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 04 | ✓ | ✓ | ✓ | | ~ | | | | 9 MELISTRY, RACHITERS AND INFRASTRUCTURE |
| | B110601T / BS355 | Food and Nutritional Biochemistry | Theory | | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 04 | ✓ | ✓ | ~ | | | | | | 3 GECO HEALTH AND WELL-BEING |
| | B100607T/ BS313 | Bionanotechnology | Theory | | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 04 | ✓ | ✓ | √ | | | | | 3 COCO MEALTH AND WELL-SEING | |
| | B110604P/ BS354 | Bioinformatics, Biostatistics and and Computer application Lab | Practical | | 0 | 0 | 4 | 15 | 10 | 25 | 75 | 100 | 02 | ✓ | ✓ | √ | | | | | | 9 NEUSTRY, INDIVIDEN AND INFRASTRUCTURE |
| | B110602P/ BS356 | Food and Nutritional Biochemistry Lab | Practical | | 0 | 0 | 4 | 15 | 10 | 25 | 75 | 100 | 02 | ✓ | ✓ | ✓ | | | | | | 3 GEGO HEALTH AND WELL-BEING |
| | B100605T/ BS394 | Applied Biotechnology | Theory | Major Elective Course | 3 | 1 | 0 | 15 | 10 | 25 | 75 | 100 | 0.4 | ✓ | ✓ | ✓ | | \ | \ | ✓ | | NY MORE AND DISCONTINUES OF SECURITION OF SE |
| , | B100606T/ BS395 | Genomics, Proteomics and Metabolomics | Theory | | 3 | 1 | | | | | 73 | 100 | 04 | √ | ✓ | √ | | √ | | | 3 COCCO HEALTH AND HELL-BEING | 9 MUSTRY INDIVIDUE AND INFRASTRUCTURE |
| | 3 Z06060/LN343 | Communication Skills and Personality Development | Theory | Co-curricular (Compulsory) | 2 | 0 | 0 | 15 | 10 | 25 | 75 | 100 | 02 | ✓ | ✓ | √ | | | √ | ✓ | i Y | 17 SHEET (SEE) |
| | B100608R/BS396 | Research Project (minor) and seminar | Practical | Core Major | 0 | 0 | 12 | 0 | 0 | 0 | 100 | 100 | 06 | ✓ | ✓ | ✓ | | ✓ | √ | √ | | 12 RESTRICTED CONSUMPTION AND PRODUCTION |
| TOTAL | | | | | | | 20 | 105 | 70 | 175 | 625 | 800 | 28 | | | | | | | | | |