

**Department of Studies and Research in Biochemistry**  
**Tumkur University, Tumkur**

**Time Table**  
**First M.Sc I Semester 2022-23**

| CPP        | Practical 9AM to 1 PM     |                           |                   | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Practical 1.30 PM to 5.30 PM       |                           |                                       |  |
|------------|---------------------------|---------------------------|-------------------|--|------------------------------------|---------------------------|---------------------------------------|--|
| <b>CPT</b> | <b>10AM-11 AM</b>         | <b>11AM-12AM</b>          | <b>12AM-01 PM</b> |  | <b>2 PM-3 PM</b>                   | <b>3 PM-4 PM</b>          | <b>4 PM-5 PM</b>                      |  |
| <b>Mon</b> | TGT<br><b>SPT-1.4.1</b>   | MS<br><b>CPT-1.2</b>      | SD<br>CPT-1.3     |  | B-1: CPP-1.5<br>GF-1 + SD          | B-2: CPP-1.6<br>GF-2 + SN |                                       |  |
| <b>Tue</b> | B-2; CPP-1.5<br>MS + GF-1 | B-1: CPP-1.6<br>SN + GF-2 |                   |  | SD<br>CPT-1.3                      | TGT<br><b>SPT-1.4A</b>    | MS<br><b>CPT-1.2</b>                  |  |
| <b>Wed</b> | B1- SPP-1.8<br>GF-1 + SN  | B2- SPP-1.8<br>KSG+ GF-2  |                   |  | MS<br><b>CPT-1.1</b>               | SN<br><b>CPT 1.2</b>      | GF-1<br>CPT-1.1                       |  |
| <b>Thu</b> | B1- CPP-1.7<br>SD + SN    | B2- CPP-1.7<br>TGT+ GF-2  |                   |  | SN<br><b>CPT 1.2</b>               | MS<br><b>CPT 1.1</b>      | GF-1<br>CPT-1.1                       |  |
| <b>Fri</b> | KSG<br><b>SPT 1.4.1</b>   | GF-2<br>CPT-1.3           |                   |  | Remedial/ Tutorials<br>KSG/MS/GF-1 |                           | Remedial/ Tutorials<br>SN/SD/TGT/GF-2 |  |
| <b>Sat</b> | GF-2<br>CPT-1.3           | SD<br><b>SPT 1.4.1</b>    |                   |  | Seminar-B1<br>SN+MS+GF-1           |                           | Seminar-B2<br>SD+TGT+GF-2             |  |

**CPT-1.1:** Physico-Chemical Aspects of Biology

**CPT-1.3:** Biomolecules

**CPP-1.5:** Physico-Chemical Aspects of Biology

**CPP-1.7:** Biomolecules;

**CPT-1.2:** Analytical Biochemistry

**SPT-1.4.1:** Physiology and Nutrition

**CPP-1.6:** Analytical Biochemistry

**SPP-1.8.1:** Physiology and Nutrition

**2<sup>nd</sup> Year M.Sc (III SEM)**

| CPP        | Practical 9AM to 1 PM   |                                |                        | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Practical 1.30 PM to 5.30 PM       |                                |                                       |  |
|------------|-------------------------|--------------------------------|------------------------|--|------------------------------------|--------------------------------|---------------------------------------|--|
| <b>CPT</b> | <b>10AM-11 AM</b>       | <b>11AM-12AM</b>               | <b>12AM-01 PM</b>      |  | <b>2 PM-3 PM</b>                   | <b>3 PM-4 PM</b>               | <b>4 -5 PM</b>                        |  |
| Mon        | B1-SPP-3.7.1<br>SD + MS | <b>B2-CPP-3.5</b><br>TGT + KSG |                        |  | SN<br>OET-3.4                      | KSG<br>OET-3.4                 |                                       |  |
| Tue        | OET-3.4<br>KSG          | OET-3.4<br>SN                  |                        |  | B1-OEP-3.8<br>KSG+ GF-1            | B2-OEP-3.8<br>SN+ TGT          |                                       |  |
| Wed        | KSG<br><b>SPT 3.3.1</b> | TGT<br><b>CPT 3.1</b>          | SD<br><b>SPT 3.3.1</b> |  | B2-SPP-3.7.1<br>SD + MS            | <b>B1-CPP-3.5</b><br>TGT + KSG |                                       |  |
| Thu        | TGT<br><b>CPT 3.1</b>   | KSG<br><b>SPT 3.3.1</b>        | SD<br><b>SPT 3.3.1</b> |  | B1- CPP-3.6<br>MS + GF-1           | B1- CPP-3.6<br>SD + GF-2       |                                       |  |
| Fri        | SN<br>CPT-3.2           | TGT<br><b>CPT 3.1</b>          | GF-2<br><b>CPT-3.2</b> |  | Seminar-B1<br>SN+MS+GF-1           |                                | Seminar-B2<br>SD+TGT+GF-2             |  |
| Sat        | TGT<br><b>CPT 3.1</b>   | GF-1<br><b>CPT-3.2</b>         | SN<br>CPT-3.2          |  | Remedial/ Tutorials<br>KSG/MS/GF-1 |                                | Remedial/ Tutorials<br>SN/SD/TGT/GF-2 |  |

**CPT-3.1:** Metabolism of Nitrogen Compounds

**OET-3.4:** Biochemical Toxicology

**SPP-3.7.1:** Clinical Biochemistry and Dietetics

**CPT-3.2:** Immunology

**SPT-3.3.1:** Clinical Biochemistry and Dietetics

**CPP-3.5:** Metabolism of Nitrogen Compounds

**CPP-3.6:** Immunology

**OEP-3.8:** Biochemical Toxicology

**Time Table 2021-22**  
**2<sup>nd</sup> Year M.Sc., IV Semester**

| CPP | Practical 9AM to 1 PM             |                                      |               | Practical | 1.30 PM to 5.30 PM                                     |                                      |           |
|-----|-----------------------------------|--------------------------------------|---------------|-----------|--|--------------------------------------|-----------|
| CPT | 10AM-11 AM                        | 11AM-12AM                            | 12AM-01 PM    | L         | 2 PM-3 PM  | 3 PM-4 PM                            | 4 PM-5 PM |
| Mon | SN<br>CPT 4.2                     | MS<br>SPT 4.3.1                      | SD<br>CPT 4.1 | U         | B-I: CPP-4.4<br>(SD+GF)                                | B-II: CPP 4.5<br>(SN+TGT) (Genetics) |           |
| Tue | B-I: SPP 4.7A<br>(MS+GF)          | B-II: CPP-4.4<br>(SD +MS) (Mol Bio)  |               | C         | SD   | MS                                   | KSG       |
| Wed | B-I: CPP-4.5<br>(SN + SD)         | B-II: SPP-4.7A<br>(MS+ GF) (Gen Eng) |               | H         | CPT 4.1  | SPT 4.3.1                            | CDPD      |
| Thu | Project 4.7<br>(KSG+MS+SN+SD+TGT) |                                      |               | B         | SD   | MS                                   | SN        |
| Fri | SD<br>CPD 4.1                     | SN<br>CDPD                           | MS<br>CDPD    | R         | CPT 4.2  | SPT 4.3.1                            | CPT 4.2   |
| Sat | SD<br>CPD 4.1                     | MS<br><b>CPT 4.3.1</b>               | SD<br>CDPD    | E         | SD   | MS                                   | TGT       |
|     |                                   |                                      |               | A         | Seminar + Remedial + Tutorials<br>SD+TGT+MS+KSG+SN+GF  |                                      |           |
|     |                                   |                                      |               | K         | Seminar + Remedial + Tutorials<br>TGT+SD+ MS+KSG+SN+GF |                                      |           |

CPP- 4.1: Molecular Biology      CPT- 4.2: Molecular Genetics

CPP- 4.4: Molecular Biology      CPP- 4.5: Molecular Genetics

Project 4.7: Current topics in Biochemistry

SPT- 4.3.1: Genetic Engineering and Fermentation Technology

SPP- 4.6.1: Genetic Engineering and Fermentation Technology

**1<sup>st</sup> Year MSc., II Semester**

| CPP | Practical 9AM to 1 PM    |   |                       | Practical | 1.30 PM to 5.30 PM                                    |  |          |
|-----|--------------------------|---|-----------------------|-----------|---|--|----------|
| CPT | 10AM-11 AM               | 11AM-12AM                               | 12AM-01 PM            | 2         | 2 PM-3 PM   | 3 PM-4 PM                                | 4 - 5 PM |
| Mon | B-I: CPP-2.6<br>(KSG+GF) | B-II: CPP-2.5 (Metabolism)<br>(TGT +SD) |                       | U         | TGT   | GF                                       |          |
| Tue | OET-2.4<br>TGT           | OET-2.4<br>GF                           |                       | N         | OET-2.4   | OET-2.4                                  |          |
| Wed | KSG<br>CPT 2.2           | TGT<br>CPT 2.1                          | SN<br><b>SPT 2.3A</b> | C         | B-I: OEP-2.8<br>(TGT+SN)                              | B-II: OEP-2.8<br>(GF+KSG)                |          |
| Thu | KSG<br>CPT 2.2           | SN<br><b>SPT 2.3A</b>                   | TGT<br>CPT 2.1        | H         | B-I: CPP-2.5<br>(TGT+MS)                              | B-II: SPP-2.7A (Enzymology)<br>(SN+KSG)  |          |
| Fri | SN<br><b>SPT 2.3A</b>    | TGT<br>CPT 2.1                          | KSG<br>CPT 2.2        | B         | B-I: SPP-2.7A<br>(SN+TGT)                             | B-II: CPP-2.6 (Cell Biology)<br>(KSG+GF) |          |
| Sat | TGT<br>CPT 2.1           | KSG<br>CPT 2.2                          | SN<br><b>SPT 2.3A</b> | R         | Seminar + Remedial + Tutorials<br>SN+KSG+DR+TGT+MS+GF |  |          |
|     |                          |   |                       | E         | Seminar + Remedial + Tutorials<br>MS+SN+KSG+TGT+DR+GF |  |          |
|     |                          |   |                       | A         |   |  |          |
|     |                          |   |                       | K         |   |  |          |

CPT-2.1: Enzymology

CPT-2.2: Metabolism of Fuel Molecules

SPT-2.3.A: Cell Biology and Endocrinology

OET-2.4: Biological Macromolecules

CPP-2.5: Enzymology

CPT-2.6: Metabolism of Fuel Molecules

SPT-2.7.A: Cell Biology and Endocrinology

OET-2.8: Biological Macromolecules

**Time Table 2020-21**  
**2<sup>nd</sup> Year (IV Semester)**

| CPP | Practical       | 9AM to 1 PM     |               | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Practical                            | 1.30 PM to 5.30 PM |         |  |
|-----|-----------------|-----------------|---------------|--|--------------------------------------|--------------------|---------|--|
| CPT | 10-11 AM        | 11-12AM         | 12AM-01 PM    |  | 2 PM-3 PM                            | 3 PM-4 PM          | 4 -5 PM |  |
| Mon | MS<br>SPT-4.3.1 | SD<br>CPT-4.1   |               |  | KSG/SN<br>Project Work/Practical     |                    |         |  |
| Tue | SD<br>CPT-4.1   | MS<br>SPT-4.3.1 |               |  | SN/GF/TGT<br>Project Work/ Practical |                    |         |  |
| Wed | MS<br>SPT-4.3.1 | SD<br>CPT-4.2   |               |  | MS/SD<br>Project Work/ Practical     |                    |         |  |
| Thu | SN<br>CPT-4.2   | MS<br>SPT-4.3.1 | SD<br>CPT-4.2 |  | MS/SD/TGT<br>Project Work/ Practical |                    |         |  |
| Fri | SN<br>CPT-4.2   | SD<br>CPT-4.1   |               |  | KSG/SN/GF<br>Project Work/ Practical |                    |         |  |
| Sat | SD<br>CPT-4.1   |                 |               |  | MS/KSG/SD<br>Project Work/ Practical |                    |         |  |

CPT- 4.1: Molecular Biology; CPT- 4.2: Molecular Genetics;  
 Fermentation Technology ; CPP- 4.4: Molecular Biology;  
 SPP- 4.6.1: Genetic Engineering and Fermentation Technology; SPT- 4.3.1: Genetic Engineering and  
 CPP- 4.5: Molecular Genetics;  
 Project 4.7: Current topics in Biochemistry

**1<sup>st</sup> Year (II Semester)**

| CPP | Practical      | 9AM to 1 PM    |                |  | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Practical     | 1.30 PM to 5.30 PM |  |  |
|-----|----------------|----------------|----------------|--|--|---------------|--------------------|--|--|
| CPT | 10-11 AM       | 11-12AM        | 12AM-01 PM     | 2 PM-3 PM  |  | 3 PM-4 PM     | 4 -5 PM            |  |  |
| Mon | TGT<br>CPT-2.1 | KSG<br>CPT-2.2 | SN<br>SPT-2.7A | Assignment/Interactive session/Practical<br>TGT/MS/SD    |  |               |                    |  |  |
| Tue | SN<br>SPT-2.7A | KSG<br>CPT-2.2 | TGT<br>CPT-2.1 |  |  |               |                    |  |  |
| Wed | KSG<br>CPT-2.2 | TGT<br>CPT-2.1 | SN<br>SPT-2.7A | Assignment/Interactive session/Practical<br>KSG/SN/TGT   |  |               |                    |  |  |
| Thu | KSG<br>CPT-2.2 |                | SN<br>SPT-2.7A |  |  |               |                    |  |  |
| Fri | TGT<br>CPT-2.1 |                |                | Assignment/Interactive session/Practical<br>SN/SD/TGT/GF |  |               |                    |  |  |
| Sat | TGT<br>OET-2.4 | GF<br>OET-2.4  |                | TGT<br>OET-2.4   |  | GF<br>OET-2.4 |                    |  |  |

CPT-2.1: Enzymology;  
 SPT-2.3.A: Cell Biology and Endocrinology;  
 CPP-2.5: Enzymology;  
 SPT-2.7.A: Cell Biology and Endocrinology;  
 CPT-2.2: Metabolism of Fuel Molecules  
 OET-2.4: Biological Macromolecules  
 CPT-2.6: Metabolism of Fuel Molecules  
 OET-2.8: Biological Macromolecules

**Time Table 2020-21**  
**1<sup>st</sup> Year (I Semester)**

| CPP | Practical      9AM to 1 PM |                 |                 | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Practical      1.30 PM to 5.30 PM                   |           |           |
|-----|----------------------------|-----------------|-----------------|--|---|-----------|-----------|
| CPT | 10AM-11 AM                 | 11AM-12AM       | 12AM-01 PM      |  | 2 PM-3 PM   | 3 PM-4 PM | 4 PM-5 PM |
| Mon | MS<br>CPT-1.1              | SN<br>CPT-1.2   | TGT<br>SPT 1.4A |  |   |           |           |
| Tue | SN<br>CPT-1.2              | MS<br>CPT-1.1   | SD<br>CPT-1.3   |  |   |           |           |
| Wed | KSG<br>SPT 1.4A            | SN<br>CPT-1.2   | SD<br>CPT-1.3   |  |   |           |           |
| Thu | MS<br>CPT-1.2              | SD<br>CPT-1.3   |                 |  |   |           |           |
| Fri | KSG<br>SPT 1.4A            | TGT<br>SPT 1.4A | SD<br>CPT-1.3   |  | Seminar + Remedial + Tutorials<br>SD+TGT+MS+KSG+SN  |           |           |
| Sat | TGT<br>CPT-1.1             | SD<br>CPT-1.1   |                 |  | Seminar + Remedial + Tutorials<br>SD+TGT+ MS+KSG+SN |           |           |

CPT-1.1-Physico-chemical aspects of Biology;

CPT-1.3- Biomolecules

CPP-1.5- Physico-chemical aspects of Biology;

CPP-1.7- Biomolecules;

CPT-1.2-Analytical Biochemistry;

SPT-1.4A –Physiology and Nutrition;

CPP-1.6-Analytical Biochemistry:

SPP-1.8A-Physiology and Nutrition

**2<sup>nd</sup> year (III Semester)**

| CPP | Practical      9AM to 1 PM |                 |                | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Practical      1.30 PM to 5.30 PM                  |           |           |
|-----|----------------------------|-----------------|----------------|--|--|-----------|-----------|
| CPT | 10AM-11 AM                 | 11AM-12AM       | 12AM-01 PM     |  | 2 PM-3 PM  | 3 PM-4 PM | 4 PM-5 PM |
| Mon | TGT<br>CPT 3.1             | SD<br>SPT 3.3.1 |                |  |  |           |           |
| Tue | KSG<br>SPT 3.3.1           | TGT<br>CPT 3.1  |                |  |  |           |           |
| Wed | TGT<br>CPT 3.1             | MS<br>CPT-3.2   |                |  |  |           |           |
| Thu | KSG<br>SPT 3.3.1           | TGT<br>CPT 3.1  | SN<br>CPT-3.2  |  |  |           |           |
| Fri | SD<br>SPT 3.3.1            | MS<br>CPT-3.2   | SN<br>CPT-3.2  |  | Seminar + Remedial + Tutorials<br>SN+KSG+SD+TGT+MS |           |           |
| Sat | KSG<br>OET 3.4             | SN<br>OET 3.4   | KSG<br>OET 3.4 |  | SN<br>OET 3.4                                      |           |           |

CPT-3.1-Metabolism of Nitrogen Compounds;  
 SPT-3.3.1 –Clinical Biochemistry & Dietetics;

CPP-3.5- Metabolism of Nitrogen Compounds:  
 SPP-3.7A- Clinical Biochemistry and Dietetics;

CPT-3.2-Immunology;  
 OET-3.4- Biochemical Toxicology;

CPP-3.6-Immunology;  
 OEP-3.8- Biochemical Toxicology