

**Department of Chemistry**  
**Tentative Work-Load (2025-26)**  
**Dr. Madhu Bala**

|                                                                                                                                         |             |                    |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|
| <b>B.Sc. 1<sup>st</sup> year</b>                                                                                                        |             |                    |
| <b>Title of Paper</b>                                                                                                                   | <b>Th.</b>  | <b>P.</b>          |
| ATOMIC STRUCTURE, BONDING, GENERAL ORGANIC CHEMISTRY & ALIPHATIC HYDROCARBONS (CHEM101TH)                                               | 2 (Unknown) |                    |
| <b>B.Sc. 1<sup>st</sup> year (BioTech)</b>                                                                                              |             |                    |
| Chemistry-I PRACTICAL                                                                                                                   |             | 1x2=2<br>(Unknown) |
| <b>B. Sc. 2<sup>nd</sup> year</b>                                                                                                       |             |                    |
| SOLUTIONS, PHASE EQUILIBRIUM, CONDUCTANCE, ELECTROCHEMISTRY & ORGANIC CHEMISTRY (CHEM 201TH)                                            | 2 (30)      |                    |
| SOLUTIONS, PHASE EQUILIBRIUM, CONDUCTANCE, ELECTROCHEMISTRY & ORGANIC CHEMISTRY (PRACTICAL) (CHEM 201PR)                                |             | 2 X 2 = 4 (30)     |
| <b>B.Sc.3<sup>rd</sup> year</b>                                                                                                         |             |                    |
| CHEMICAL TECHNOLOGY (CHEM SEC 307)                                                                                                      | 2 (2)       |                    |
| POLYNUCLEAR HYDROCARBONS AND SPECTROSCOPY(CHEM301PR)                                                                                    |             | 2 X 2 = 4 (22)     |
| CHEMISTRY OF TRANSITION AND INNER TRANSITION ELEMENTS, COORDINATION CHEMISTRY, ORGANOMETTALICS, ACIDS & BASES (CHEM 304 <sup>TH</sup> ) | 2 (22)      |                    |
|                                                                                                                                         | 8           | 10                 |
| <b>Total</b>                                                                                                                            | <b>18</b>   |                    |

**Mr. Nishant**

| <b>B.Sc. 1<sup>st</sup> Year</b>                                                                     |            |                        |
|------------------------------------------------------------------------------------------------------|------------|------------------------|
| <b>Title of Paper</b>                                                                                | <b>Th.</b> | <b>P.</b>              |
| STATES OF MATTER, CHEMICAL KINETICS & FUNCTIONAL ORGANIC CHEMISTRY(CHEM 102TH)                       | 2(Unknown) |                        |
| ATOMIC STRUCTURE, BONDING, GENERAL ORGANIC CHEMISTRY & ALIPHATIC HYDROCARBONS (PRACTICAL)(CHEM101PR) |            | 2 X 2 = 4<br>(Unknown) |
| STATES OF MATTER, CHEMICAL KINETICS & FUNCTIONAL ORGANIC CHEMISTRY (PRACTICAL) (CHEM 102PR)          |            | 2 X 2 = 4<br>(Unknown) |
| <b>B.SC. 2<sup>nd</sup> YEAR</b>                                                                     |            |                        |
| CHEMISTRY OF MAIN GROUP ELEMENTS, CHEMICAL ENERGETICS AND EQUILIBRIA (CHEM 202TH)                    | 2 (30)     |                        |
| CHEMISTRY OF MAIN GROUP ELEMENTS, CHEMICAL ENERGETICS AND EQUILIBRIA PRACTICAL                       |            | 2 X 2 = 4 (22)         |
| <b>Biotech 2<sup>nd</sup> Year</b><br>(CHEMISTRY II PRACTICAL)                                       |            | 1X2=2 (15)             |
| <b>B.Sc. 3<sup>rd</sup> YEAR</b>                                                                     |            |                        |
| POLYNUCLEAR HYDROCARBONS, DYES, HETEROCYCLIC COMPOUNDS AND SPECTROSCOPY (UR, IR, NMR) (CHEM301TH)    | 2 (22)     |                        |
|                                                                                                      | 6          | 14                     |
| <b>TOTAL</b>                                                                                         | <b>20</b>  |                        |

**Dr. Kiran Negi**

|                                                                                                                                                        |             |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| <b>B.Sc. 1<sup>st</sup> year</b>                                                                                                                       |             |               |
| <b>Title of Paper</b>                                                                                                                                  | <b>Th.</b>  | <b>P.</b>     |
| <b>BSc 1<sup>st</sup> Year</b>                                                                                                                         |             |               |
| CHEMISTRY I (Bio Tech.)                                                                                                                                | 2 (Unknown) |               |
| <b>BSc 2<sup>nd</sup> Year</b>                                                                                                                         |             |               |
| FUEL CHEMISTRY AND<br>CHEMISTRY OF COSMETICS &<br>PERFUMES(204 SEC)                                                                                    | 2 (Unknown) |               |
| ANALYTICAL CHEMISTRY (203<br>SEC)                                                                                                                      | 2 (Unknown) |               |
| CHEMISTRY II (BioTech)                                                                                                                                 | 2 (15)      |               |
| <b>B.Sc. 3<sup>rd</sup> Year</b>                                                                                                                       |             |               |
| PESTICIDE CHEMISTRY &<br>PHARMACEUTICAL<br>CHEMISTRY(308 SEC)                                                                                          | 2 (2)       |               |
| CHEMISTRY OF TRANSITION<br>AND INNER TRANSITION<br>ELEMENTS, COORDINATION<br>CHEMISTRY,<br>ORGANOMETTALICS, ACIDS &<br>BASES PRACTICAL (CHEM<br>304PR) |             | 2 X 2 = 4(22) |
|                                                                                                                                                        | 10          | 4             |
| <b>Total</b>                                                                                                                                           | <b>14</b>   |               |