DEPARTMENT OF CHEMISTRY

***UG SYLLABUS DISTRIBUTION of HONS (3 Years Course)***

***YEAR:- 2023-2024***

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| Sl. No | Semester | Papers | Dr. K. A. Khan | Prof. J. P. Mishra | Dr. H. K. Shaw | Dr. Sipra Ghosh | Prof. Mousumi Sarangi |
| 01 | VI | CC-13 |  | 1. Thermodynamics and Kinetic Aspects of Metal Complexes  2. Organometallic Chemistry  3. Silicones and Phosphazenes |  | 1. Magnetic Properties of Transition Metal Complexes  2. Electronic Spectra of Transition Metal Complexes |  |
| CC-14 | 1. Amino Acids, Peptides, Proteins and Nucleic Acids  2. Synthetic Polymer  3. Some Important Organic Reagents and their applications in Organic reactions |  | 1. Carbohydrates  2. Synthetic Dyes  3. Some Important Organic Reagents and their applications in Organic reactions |  |  |
| DSE-3 | 1. Spectroscopy |  | 1. Nuclear magnetic resonance spectroscopy |  |  |