|  |  |
| --- | --- |
| AR 214 Modular Co-ordination  | **L-T-P** **3-0-0** **3 credit**  |
| Introduction to conventional modular principles and practices in the west in the early, medieval, industrial and post-industrial phases. Vernacular theories of Modular principles in India. Typologies, means and methods of various structural systems (Form-active systems like cables and arches, surface active systems like folded plates, vector-active like trusses, bulk active like trabeated means and complex structures) based on natural & engineering knowledge-development. The advanced and the contemporary themes of humane modular principles-new theories of pattern, group organization; centering processes, topology and 3-D mapping of space systems. Non-linear theories, symmetry, hologram and graphics in modulation of various structures.  |