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| Course Number and Name | | | | | | | | | | | | |
| BCE303 - BUILDING CONSTRUCTION TECHNOLOGY | | | | | | | | | | | | |
| Credits and Contact Hours | | | | | | | | | | | | |
| 3 & 45 | | | | | | | | | | | | |
| Course Coordinator's Name | | | | | | | | | | | | |
| Mr.K.Venkatraman | | | | | | | | | | | | |
| Course Objective | | | | | | | | | | | | |
| <ul style="list-style-type: none"> To introduce students to various materials and methods commonly used in civil engineering construction and their properties. To give a detailed explanation of the tests performed on the fresh concrete and the harden concrete. To give a vision of the basics to be followed in the construction site | | | | | | | | | | | | |
| Prerequisites | | | | | | Co-requisites | | | | | | |
| Basic Mechanical Engineering | | | | | | NIL | | | | | | |
| required, elective, or selected elective (as per Table 5-1) | | | | | | | | | | | | |
| Course Outcomes (COs) | | | | | | | | | | | | |
| CO1 | Have a fundamental knowledge on the planning, different codes of practice, details and sequence of building construction | | | | | | | | | | | |
| CO2 | Have knowledge on temporary structures such as scaffolding, underpinning and formwork structures in construction | | | | | | | | | | | |
| CO3 | To know the types of the paint, Plastering, GFRP and geotextile | | | | | | | | | | | |
| CO4 | To know about all the amenities to be provided in a building | | | | | | | | | | | |
| CO5 | Will acquire knowledge on handling of different types of construction equipments | | | | | | | | | | | |
| Student Outcomes (SOs) from Criterion 3 covered by this Course | | | | | | | | | | | | |
| COs/SOs | a | b | c | d | e | f | g | h | i | j | k | |
| CO1 | | M | | H | M | M | | M | M | M | | |
| CO2 | H | | M | H | M | M | | | M | | | |
| CO3 | H | | H | M | M | | | M | H | M | | |
| CO4 | L | M | | | L | | | | | | | |
| CO5 | M | | H | L | M | | | L | L | L | | |