

# BACHELOR OF TECHNOLOGY (CIVIL ENGINEERING)

## SYLLABUS – SUBJECT CODE & COURSE NAME (8 SEMESTERS)

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### SEMESTER I

SUBJECT CODE	COURSE NAME
CE101	ENGINEERING MATHEMATICS – I
CE102	ENGINEERING PHYSICS
CE103	BASIC ELECTRICAL ENGINEERING
CE104	ENGINEERING GRAPHICS
CE105	WORKSHOP PRACTICE
CE106	PHYSICS LAB

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### SEMESTER II

SUBJECT CODE	COURSE NAME
CE201	ENGINEERING MATHEMATICS – II
CE202	ENGINEERING CHEMISTRY
CE203	BASIC ELECTRONICS
CE204	PROGRAMMING IN C
CE205	COMMUNICATION SKILLS
CE206	C LAB

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### SEMESTER III

SUBJECT CODE	COURSE NAME
CE301	ENGINEERING MECHANICS
CE302	BUILDING MATERIALS
CE303	STRENGTH OF MATERIALS
CE304	SURVEYING – I
CE305	MATERIAL TESTING LAB
CE306	SURVEYING LAB

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## SEMESTER IV

SUBJECT CODE	COURSE NAME
CE401	STRUCTURAL ANALYSIS
CE402	FLUID MECHANICS
CE403	ENVIRONMENTAL ENGINEERING – I
CE404	SURVEYING – II
CE405	FM LAB
CE406	ENVIRONMENTAL LAB

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## SEMESTER V

SUBJECT CODE	COURSE NAME
CE501	DESIGN OF RCC STRUCTURES
CE502	GEOTECHNICAL ENGINEERING
CE503	TRANSPORTATION ENGINEERING
CE504	HYDROLOGY
CE505	GEOTECH LAB
CE506	TRANSPORT LAB

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## SEMESTER VI

SUBJECT CODE	COURSE NAME
CE601	IRRIGATION ENGINEERING
CE602	ENVIRONMENTAL ENGINEERING – II
CE603	STEEL STRUCTURES
CE604	CONSTRUCTION MANAGEMENT
CE605	MINI PROJECT
CE606	ENVIRONMENTAL LAB – II

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## SEMESTER VII

SUBJECT CODE	COURSE NAME
CE701	ADVANCED STRUCTURAL ENGINEERING
CE702	EARTHQUAKE ENGINEERING

<b>SUBJECT CODE</b>	<b>COURSE NAME</b>
CE703	QUANTITY SURVEYING & ESTIMATION
CE704	INDUSTRIAL TRAINING
CE705	PROJECT – I

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## **SEMESTER VIII**

<b>SUBJECT CODE</b>	<b>COURSE NAME</b>
CE801	PROJECT – II
CE802	SEMINAR
CE803	VIVA VOCE
CE804	COMPREHENSIVE PRACTICAL