

B. Tech CIVIL ROAD MAP of 2021 – 2025

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|-----|---|---|--|---|--|---|--|---|--|---------------------------------------|-------------------------|
| 1-1 | MA101BS Mathematics – I | PH103BS Engineering Physics | CS103ES Programming for Problem Solving | ME104ES Engineering Graphics | PH106BS Engineering Physics Lab | CS106ES Programming for Problem Solving Lab | MC107ES Environmental Science | MC108 Business English | | | |
| 1-2 | MA201BS Mathematics – II | CH202BS Engineering Chemistry | ME203ES Engineering Mechanics | ME205ES Engineering Workshop | EN205HS English | CH206BS Engineering Chemistry Lab | EN207HS English Language & Communication Skills Lab | MC209 Python Programming | MC210 Aptitude & Reasoning | | |
| 2-1 | CE301PC Surveying & Geomatics | CE302PC Engineering Geology | CE303PC Strength of Materials - I | MA304BS Probability & Statistics | CE305PC Fluid Mechanics | CE306PC Surveying Laboratory | CE307PC Strength of Materials Lab | CE308PC Engineering Geology Lab | MC309 Constitution of India | | |
| 2-2 | EE401ES Principles of Electrical and Electronics Engineering | CE402ES Basic Mechanical Engineering for Civil Engineers | CE403PC Building Materials, Construction and Planning | CE404PC Strength of Materials - II | CE405PC Hydraulics and Hydraulics Machinery | CE406PC Structural Analysis - I | CE407PC Computer Aided Civil Engineering Drawing | EE409ES Principles of Electrical and Electronics Engineering Lab | CE409PC Hydraulics and Hydraulics Machinery Lab | MC409 Gender Sensitization Lab | |
| 3-1 | CE501PC Structural Analysis - II | CE505PC Geotechnical Engineering | CE503PC Structural Engineering – I (RCC) | CE504PC Transportation Engineering | CE511PE Concrete Technology (PE-I) | SM505MS Engineering Economics and Accountancy | CE506PC Highway Engineering and Concrete Technology Lab | CE507PC Geotechnical Engineering Lab | EN508HS Advanced English Communication Skills Lab | MC509 Intellectual Property Rights | MC510 Cyber Security |
| 3-2 | CE601PC Hydrology and Water Resources Engineering | CE602PC Environmental Engineering | CE603PC Foundation Engineering | CE604PC Structural Engineering – II (Steel Structures) | CE611PE Prestressed Concrete (PE-II) | CS601OE Fundamentals of Management For Engineers (OE-I) | CE605PC Environmental Engineering Lab | CE606PC Computer Aided Design Lab | MC609 Environmental Science | MC602 Artificial Intelligence | |
| 4-1 | CE701PC Estimation, Costing and Project Management | CE711PE Remote Sensing & GIS (PE-III) | CE721PE Irrigation and Hydraulic Structures (PE-IV) | CS700OE Data Structures (OE-II) | SM701MS Professional Practice law & Ethics | CE703PC Industry Oriented Mini Project/Summer Internship | CE704PC Seminar | CE705PC Project Stage - I | | | |
| 4-2 | CE813PE Air pollution (PE-V) | CE821PE Airports, Railways and Waterways (PE-VI) | ME800OE Non-Conventional Sources of Energy | CE801PC Project Stage – II | | | | | | | |