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| Course Title: | Entrepreneurship and IPR | | |
| Course Code: | BT-501 | | |
| Program: | BTech | Semester V | |
| Credits: | T -04 | P -Nil | Total -04 |
| Course Outcome | | | |
| 1 | To understand the concept and functions of and entrepreneur, its qualities and various other concepts related to it | | |
| 2 | To understand the concept of management, organizations terminology and various motivational theories. | | |
| 3 | To understand the marketing and finance concepts, importance and their's scopes. | | |
| 4 | To understand the concept of property, types of intellectual property and other related terminology. | | |
| 5 | Introduction to Patent Law like Paris Convention, Patent Cooperation Treaty, WTO- TRIPS etc. | | |

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| Course Title: | | | |
| Course Code: | BT-522 | | |
| Program: | B.Tech | Semester - V | |
| Credits: | T - 04 | P - 0 | Total - 04 |
| Course Outcome | | | |
| 1 | To understand the various coordinate system and basic information about electric and magnetic field | | |
| 2 | To know different types of Laws and Principle used in electromagnetic theory. | | |
| 3 | Here we understand how fields vary with time using Maxwells equation. | | |
| 4 | Able to understand how waves propagates in the space with different polarization. | | |
| 5 | To know the velocities of travelling wave. | | |

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| Course Title: | Transmission & Distribution of Electrical Power | | |
| Course Code: | EET-503 | | |
| Program: | B.Tech | Semester- V | |
| Credits: | T-04 | P-02 | Total-06 |
| Course Outcome | | | |
| 1 | Become Familiar with the curricular structure of Power System Network. | | |
| 2 | Understand the Calculation of single and Three Phase Line Parameters | | |
| 3 | Awareness of General losses of Power Distribution System | | |
| 4 | Acquire knowledge about various types of Lines, String Efficiency, Design, accessories, Line Losses e.t.c | | |
| 5 | Acquire knowledge about various types of Insulators | | |

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| Course Title: | Digital Electronics | | |
| Course Code: | EET-504 | | |
| Program: | B.Tech | Semester : Vth | |
| Credits: | T-4 | P-2 | Total-06 |
| Course Outcome | | | |
| 1 | To understand the building blocks of digital communication system. | | |
| 2 | To prepare mathematical background for communication signal analysis. | | |
| 3 | To understand and analyze the signal flow in a digital communication system | | |
| 4 | To analyze error performance of a digital communication system in presence of noise and other interferences | | |
| 5 | To understand concept of spread spectrum communication system | | |

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| Course Title: | Control system | | |
| Course Code: | EET-505 | | |
| Program: | B.Tech | Semester -V | |
| Credits: | T-04 | P-2 | Total-06 |
| Course Outcome | | | |
| 1 | To understand the types of systems, their behaviour, concept of stability and its importance. | | |
| 2 | Numerical analysis on the system to understand the stability along with related terminology. | | |
| 3 | Various graphical methods to understand the stability and it's limitations. | | |
| 4 | To understand the various controls, compensation methods to make any system stable. | | |
| 5 | To understand the various control system components like potentiometers, synchros etc. | | |

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| Course Title: | Electrical Software Lab – II | | |
| Course Code: | EET-507 | | |
| Program: | B.Tech | Semester V | |
| Credits: | T -Nil | P- 02 | Total -02 |
| Course Outcome | | | |
| 1 | To obtain transient response of series and parallel R-L-C circuit for voltage and current input respectively. | | |
| 2 | To obtain the transient response of a series R-L-C circuit for alternating square voltage waveform. | | |
| 3 | To obtain frequency response of series R-L-C circuit for sin voltage wave. | | |
| 4 | Determination of transient response of current in R-L-C circuit with step voltage input. | | |
| 5 | To understand the frequency response of current in R-L-C circuit with sin ac input. | | |