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| ***( EE0903752 )Antenna Theory and Design*** | |
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| **Course Description :** | The concept of radiation. Antenna types and their parameters. The electric and magnetic vector potentials. Wire antennas. Wire antennas above conducting surfaces. Loop antennas. Antenna arrays, analysis and synthesis. Numerical techniques in antennas. Mutual coupling in antennas. Aperture antennas including slots and horns. Reflector antennas. Special topics in antennas. |
| **Pre Request :** | 0903750 |
| **Credit Hour :** | 3 |
| **Department :** | Electrical Engineering |