



SETHU INSTITUTE OF TECHNOLOGY  
(An Autonomous Institution | Accredited With 'A' Grade By NAAC)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
B.E. COMPUTER SCIENCE AND ENGINEERING

### Activity Supports Employability / Entrepreneurship / Skill Development


Subject Code: 15UCS920

Subject Name: GREEN COMPUTING

The course 'Green Computing' supports Employability, Entrepreneurship and Skill development. The course includes concepts for adopting green IT practices with astonishing financial benefits. Although we all want to stop destroying our environment, Green IT is as much about doing the right thing as corporate citizens as it is about making the best business decisions from a cost and growth perspective. Although it grabs more than its fair share of headlines and generates considerable consumer angst, it isn't just the price of gas that is causing alarm. As worldwide energy demand increases, coal costs more, too. The cost of running the datacenter is more expensive now than it was last year. In addition, operational efficiency, automation, and other business benefits have driven the need for more and more IT infrastructure. That means more power will be consumed with already expensive electricity. The datacenters around the world are consuming huge amounts of electricity, and demand will only increase. It's starting to look like we could see a future where there just won't be enough power generated to go around, at any price. With some forethought followed up by mindful action, the students can learn to reduce power needs, get energy from alternative sources, and lessen the impact of their company's IT infrastructure. There's a lot a student can do to make less of an impact on the planet.

  
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