



Pimpri Chinchwad Education Trust's  
**Pimpri Chinchwad College of Engineering**



**Final Year B.Tech. Project- Abstract**

**Department:**

<b>Project Title</b>	<b>Quantitative analysis of green cover using RS and GIS</b>
<b>Names of Team Members</b>	<b>Mr. Sumedh Aher Mr. Hitesh Badgujar Ms. Surabhi Chavan Ms. Sayali Pawar</b>
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<b>Abstract</b>	<p>India is a developing country with a population of 1.39 billion as of August 2021, growing at rate of 1%. As of 2020, 35% of its population lives in urban areas, which is projected to increase to 40%. In this project potential study area for quantitative analysis is identified and with the help of GIS and Remote sensing. Geographical information systems (GIS) and remote sensing are useful tools in the formulation, implementation and monitoring of urban development in the move towards a sustainable development strategy.</p> <p>This project attempts to demonstrate the application of the integration of GIS and remote sensing in urban growth management and to monitor and evaluate land development. Remote sensing techniques are used to carry out land-use change detection by using multi-temporal remote sensing data. Land-use change impact analysis is further carried out by the integration of GIS and remote sensing. This project is about analyzing the green cover area in a selected study area, quantitative analysis of the green cover is performed.</p>
<b>Remarks on IPR or Publication</b>	Publication
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