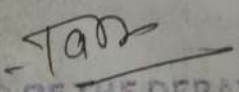


Amrutvahini College of Engineering, Sangamner

Engineering Science

1.3.1: Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Core Course	Course Name	Cross cutting issue	Description of course
FE. Common	101007: Audit course	Environmental Study	This course highlights on knowledge about concepts and strategies related to sustainable development and various components of environment. Also creates awareness and gives information related to biotic and abiotic factors within an ecosystem, to identify food chains, energy flow and relationships. This course enhances ability to understand the value of biodiversity and current efforts to conserve biodiversity on national and local scale.
FE. Common	107009 : Engineering Chemistry	Natural resources and fuels	Engineering Chemistry gives knowledge of sources of water, how surface water ,rain water and underground water becomes impure due to man made activities. This course also give practical knowledge of analysis of water regarding its impurities in terms of hardness level, alkalineness of water etc. It also elaborates various renewable and non renewable sources of energy, use of solid ,liquid and gaseous fuels for domestic and industrial purposes.
FE. Common	110013: Project based learning	Social learning	This course enables students to relate daily issues with learning. while doing mini project in group student will learn finding an issue, then study material available related to that project, fining materials required for its construction, to think in group and find solution and finally construct project.


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