

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

PHD ENTRANCE SYLLABUS

ENVIRONMENTAL SCIENCE AND ENGINEERING

Fundamentals of Ecology, Ecosystem and Environment. Air Pollution & Control, Meteorology, Water Supply and water treatment and Waste water treatment techniques, Sanitation systems, Solid waste management, rules and regulations, Environmental Impact Assessment, EIA notifications, Disaster management, Climate and Climatology, Remote sensing and GIS, Wildlife protection, Global and national issues of environment, resource scarcity, energy. Design of pollution management facilities. International protocols.