

CAREER
in RESEARCH



Centre for Advanced Research in Building Science and Energy (CARBSE) at CEPT University aims at providing an impetus to research in energy efficiency in built environment and energy resource management at large. Its objective is to conduct in-depth research in the fields of energy efficient habitat design, energy efficient building construction processes, environment-friendly construction materials and resource audit and management. CARBSE is housed in a living laboratory which is also a Net-Zero Energy building. It works in the following thematic areas:

- Building energy performance laboratory
- Urban Energy Modelling Lab
- Building energy codes and policy
- Building information systems
- Low energy cooling technologies and thermal comfort
- Passive design and net zero buildings

CARBSE works with national and international government, not-for-profit organization and have R&D tie ups with industry and industry organizations. CARBSE Houses following research centres under its overarching umbrella

- India – UK Joint R&D Centre on Urban Stock Modelling
- Centre of Excellence in Solar Passive Architecture and Green Building Technologies, supported by the Ministry of New and Renewable Energy, Government of India
- Centre of Excellence in Green Energy and Environment, supported by Government of Gujarat
- U.S.-India Joint Centre for Building Energy Research and Development (CBERD), supported by the Department of Science and Technology Government of India and the U.S. Department of Energy
- Regional Energy Efficiency Centre (REEC) for Buildings, supported by USAID ECO-III project

CARBSE is looking for bright minds from the domains of planning, housing, Geographic Information System, civil, electrical and mechanical engineering, architecture and physics. Internship programs for students and research professionals are also offered by the Centre.

T: +91 79 2630 2470 Ext. 383
E: ashajoshi@cept.ac.in
W: cept.ac.in/carbse

PLACEMENT

