

**ST. JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS) VISAKHAPATNAM**  
**VIII SEMESTER HOME SCIENCE      TIME:2Hrs/Week**  
**HS-E2-8155 HOUSING FOR SUSTAINABLE LIVING PRACTICAL**  
**MARKS:50**

**COURSE OBJECTIVE:**

- focuses on energy conservation, environmental protection, and many other supporting factors.
- Sustainable housing aims to provide affordable, sustainable housing for all city inhabitants.

**COURSE OUTCOMES:** To enable the students to:

1. Understand the concept and importance of sustainability in housing
2. Be aware of Green building technology concepts
3. Understand about various research institutes/organisations for sustainable house construction
4. Gain knowledge about the relevance of sustainable planning approach
5. Comprehend the importance of various research organisations for sustainable house construction.
6. Understand importance of life-cycle approach to sustainability

**PRACTICALS:**

1. Survey to know use of Green Technologies in local construction projects.
2. Survey to know housing programs' implementation in local municipality/corporation.
3. Preparation of Decorative Items showcasing Wealth from Waste
  - i. Wall hanging
  - ii. Furnishing
  - iii. Table Linen
4. Visit to Housing Project Site to understand technology being used.
5. Case Study to know energy/ resource management practices of Home Makers .

**REFERENCES:**

1. David T Allen (2015) Sustainable Engineering, Pearson Education
2. G. Harihara Iyer (2022) Green Building Fundamentals, Notion Press
3. Dr.Adv.Harshul Savla (2021), Green Building Principles & Practise, Notion Press