



**CIVIL ENGINEERING ASSOCIATION**  
**NATIONAL INSTITUTE OF TECHNOLOGY, CALICUT**

20/02/2017

**COST EFFECTIVE HOUSE DESIGN COMPETITION**

**Problem Statement**

To design a residential house for low income group families, residing in Kozhikode region. The plinth area of the residential house should not exceed 300 sq.ft, with a total construction cost not exceeding Rs. 3 lakhs. The design should also include scope for future expansion. The contestants have the freedom to choose the construction materials and other elements that ensure safety and durability. The materials and elements should be available in the local market.

Entries are invited from teams of group size 3 or less. Students of UG and PG programmes from all departments of NIT Calicut are eligible to participate for the contest.

**Submission Requirements**

Hard copies of the following:

- Detailed floor plan, sectional elevation, front and side elevation (A2 size)
- Detailed specifications
- Detailed cost estimate

**Prizes**

- ✓ 1<sup>st</sup> Prize : Rs. 5000/-.
- ✓ 2<sup>nd</sup> Prize : Rs. 3000/-.
- ✓ 3<sup>rd</sup> Prize : Rs. 2000/-.

Qualifying teams will be given participation certificates.

The copyright of the designs, drawing etc. shall be with the Department of Civil Engineering, NIT Calicut. The designs will be suggested for implementation under "Housing for all" mission of Govt. of India.

**Important Dates:**

**Last date for registration of groups : 24-02-2017**

**Last date for submission of design and estimate : 23-03-2017**

The groups should register in person to,

Ms. Reesha Bharath K.

Asst. Professor, Dept. of Civil Engineering

Room No. DB 107, Contact: 9447681574 /0495 2286282

*Perdhakuman*  
President, CEA

**Professor & Head**  
**Dept. of Civil Engineering**  
**National Institute of Technology Calicut**  
**Calicut - 673601 - Kerala**

*[Signature]*  
20/2/17