

**AICTE SPONSORED SHORTTERM COURSE ON
SUSTAINABILITY IN ARCHITECTURE, AGEING AND BEYOND**

Course Coordinators:

PROF. ABRAHAM GEORGE

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March 04-09, 2019



**DEPARTMENT OF ARCHITECTURE & REGIONAL PLANNING
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR**

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March 4-9, 2019

VENUE: IIT Kharagpur

COURSE INTRODUCTION:

'Sustainability' is a key issue in the rapidly developing world, especially in the construction sector. Pioneering efforts were made over five decades to apply the sustainability paradigm, and the 'sustainability movement' has gained significant strength and momentum. Undoubtedly, 'ecological, economical, and socio-cultural' issues are at the core of planning, construction, and operation of built environment. All developments in the contemporary world are related to the environmental issues like land, energy, water, resource consumption-efficiency; pollution at all levels, mitigating global warming and effects of climate change. Thus, it has become mandatory to adopt the principles of making and operating 'sustainable built environments' around the globe. Further, the growing aged population too cannot be ignored in the process of development. Sustainable development, in India, is regulated by the National Rating System-GRIHA. However, these rating systems do not effectively address the wider sustainability concerns of the Nation. These present rating systems also have failed to differentiate the wide variations in climatic zones, socio-cultural base, economic status, and varying resource availability across the country.

Alarming growth in the population of elderly specifically in India (35%) and generally all over the globe (24%) is creating irreversible socio-economic changes in the respective societies; deteriorating health and living conditions, lowering morale and sense of belongingness, which adversely affect healthy human life and relationships. 'Old age is a stage at which functional, mental and physical capacity of a person declines and is more prone to diseases. 'Elderly' although is not defined, indicates the 'state at which one cannot perform normal functions which otherwise he/she could' and the age adopted by UN and many governments is Sixty years, in spite of many developed countries refer old age to superannuation. 'National Policy on Older Persons' adopted in India during January, 1999 by Ministry of Social Justice and Empowerment defines 'elderly' as 60 years or above. Often elderly have to face physical, social, emotional and financial insecurity and lack of timely medical support, crime, abuse, neglect and harassment in various forms within the house and from outside due to their specific requirements and inabilities. People with higher levels of ability' living in environments with 'lower levels of demand' create better and desirable 'person-environment fit' which indicates better 'quality of life' and satisfaction. On the contrary, people with 'lower levels of ability' living in environments of 'higher levels of demand' create undesirable 'person-environment fit', which indicates lower quality of life and dissatisfaction. In search of better prospects children leave the aged confined to their home and solitude with none to help. In order to prevent this situation, Government of India has come up with various acts, policies and schemes. Age-friendliness aims to provide an integrated approach to offer blissful and positive ageing where elderly are respected, valued and supported so that they enjoy 'quality-life' with good healthcare, self esteem and security. Their self-worth is maintained with active participation in decision making, use of their skills for the betterment of the society.

ABOUT DEPARTMENT OF ARCHITECTURE AND REGIONAL PLANNING:

In the year 1952, under the leadership of Professor E. Braner, a group of ten students formed the nucleus of this department. Soon it developed into a full-fledged undergraduate programme also offering post-graduate courses in 1956. With time, pioneering attempts were made to start advance training in Building Science, Application of Computer Techniques in Architectural design Simulation, Presentation Graphics and Construction Technology.

RESOURCE PERSONS AND SPECIAL FEATURE:

The Short Term Course will deliberate on the various sustainable models proposed and the means to achieve the long cherished model appropriate to India in specific. Such a model will necessarily consider and

incorporate the requirements of Age-friendly designs; both built form and infrastructure. It shall bring out a working document of the deliberations for the betterment of the future India.

The course is designed with due consideration of the current as well as future scenario of elderly population in India. Lectures will be delivered by experts from Sustainable Architecture, Design firms, along with faculty members of Indian Institute of Technology Kharagpur.

TARGET PARTICIPANTS:

Personnel from Faculty from AICTE approved engineering colleges and institutions, Industry, NGO, Research Organisations, can participate in this course scheduled to be held during March 4-9, 2019 by applying online. The Course fees are also to be submitted online during the Registration Process.

COURSE FEE & ACCOMMODATION:

1. For teachers from AICTE approved colleges: (Registration is free)
 2. Teachers from other colleges: Rs. 8,000/-
 3. Professionals: Rs. 10000/-
- A. Accommodation: Teachers of AICTE approved colleges will be provided (free).
- B. For all other participants Accommodation: Will be arranged in the chosen category hotels on receipt of prior payment. (Please indicate your choices and make advance payment for the duration of stay. You may also book your accommodation by visiting the web sites of the hotels mentioned)
- C. **VENUE: Dept. of Architecture & Regional Planning, IIT Kharagpur**
- D. **Last Date for receipt of application: February 15, 2019**

ONLINE COURSE REGISTRATION PROCESS:

The applicants are required to register through the link given below:

The ERP Link for registration is: <https://erp.iitkgp.ernet.in/CEP/courses.htm>

There are five parts need to be create during the online registration. These five parts are

i) Personal Information, ii) Address, iii) Academic Information, iv) Experience Details, v) Upload Photo & Signature.

For any help please call @ the following help-line numbers:

ERP Helpline No. – 03222-2-69626 (Internal)

Email-Id: Cep_erp@iitkgp.ac.in

COURSE COORDINATORS:

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