

## Preamble:

D.Y. Patil. College of Engineering & Technology, Kolhapur has celebrated its Silver Jubilee in the current year 2008-2009. This technical institution instrumented by Hon. Padmashri Dr. D. Y. Patil in the academic year 1984-85. In these 25 years, a mountain of work has been done in the sector of education. About 1 lakh students have experienced the excellence in education from this institute. The students emerging out of this institution are absorbed in several industries, educational institutes, multinational companies in India & abroad. In the last 25 years, the contribution of Dr. D. Y. Patil group in the building of our nation remains huge & unchallenged.

With the support of the staff & students as well, the architecture department has equally contributed to the huge works & success of this institution. Number of talented architects from this stream have attained great achievements at various national & international levels. They have contributed best of their works to the fields of architecture & construction.

In the year 2006, the dream of the department was fulfilled by introducing a PG course (M. Arch. in General Architecture), thus laying down another milestone in the path of its progress.

This resourceful journey in the field of education shall take the task of rendering best of the education to the students further & further in building our society & nation.

We are lucky to arrange a workshop by NPCBAERM in our Silver Jubilee year which could definitely prove to be fruitful & informative

## Background:-

The Indian Sub-continent is highly prone to multiple natural hazards including earthquakes on account of its geo- climatic conditions. Earthquakes are one of the most destructive natural hazards which inflict huge losses to lives property. Earthquakes pose a real threat to India with 60 % its geographical area vulnerable to seismic disturbances of varying intensities.

Every state, union territory in the country have region in the moderate (Zone III), high (Zone IV) or sever (Zone V) earth quake hazard zone. It has been observed that an average of three earthquakes of magnitude 6.0 or more occur in India every year.

Although moderate in intensity, these earthquakes caused considerable losses to human life& property, highlighting the extreme vulnerability of the population & infrastructure to earthquakes. While earthquakes are natural hazards, the disasters are man-made. As often been quoted, 'Earthquakes don't kill, unsafe buildings do'.

The threat of this high degree of seismic hazard the country poses is unfortunately not reflected in the undergraduate engineering /architectural curriculum & most graduates in civil engineering / Architecture. Considering the increased construction projects, initiative towards Earthquake risk management should target reduction in vulnerabilities & an increase in capacities at various levels.

Practicing architects need to be trained to ensure that all new constructions are earthquake resistant to keep from the risk associated with the built environment. The role of architects is crucial in the entire cycle of building construction & they thus need to be aware of the building behaviour in earthquake & of the forces that act on various parts of a building during an earthquake.

Over past two years, Govt. of India has brought a paradigm shift in the approach to disaster management. Development cannot be suitable unless disaster mitigation is factored into this process. This policy also emanates from the belief that investments in mitigation are much more costly affairs.

One of the key programmes initiated by the ministry towards sustainable Earthquake Risk reduction in the country is the National Programme for Capacity Building of Architects in Earthquake Risk Management (NPCBAERM).

## Goal:-

The overall goal of the program is sustainable earthquake risk reduction in the country.

## Objectives:-

The objective of the programme is:

- ◆ Ensure seismically safer habitats by training of practicing architects.
- ◆ Capacity building of the college of Architecture at the National & State levels for ensuring effective training practicing in earthquake safety.
- ◆ Development of resource materials / training modules for sensitization / training of architects.
- ◆ Putting in place a system of training and subsequently of certification for practicing architects.

## Programme implementation.

This programme will be conducted for 5 days. Practices in seismic safe concepts, design, construction & building bye – laws / BIS codes etc .in the training module.

## REGISTRATION FORM

Session 1 - 26th to 30<sup>th</sup> Oct 2009

Session 2 - 9<sup>th</sup> to 13<sup>th</sup> Nov2009

(Tick whichever is applicable)

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Qualification: \_\_\_\_\_

Experience  
(Yrs): \_\_\_\_\_

Address: \_\_\_\_\_

Mobile: \_\_\_\_\_

Fax no: \_\_\_\_\_

E-mail \_\_\_\_\_

Signature

Payment Details

D.D. of Rs.200/- in favour of co-ordinator Shri. R.B.Koli drawn

Bank.....

D.D.No.....

Date:..... is enclosed

## Resource Persons

- 1) **Prof. R.B. Koli** M.Arch,AIIA,FIE,Ph.D (submitted)  
(D.Y.Patil College of Engg. & Tech., Kolhapur)
- 2) **Prof. Dr. Pranesh Murnal** Ph.D, M. E. (Struct)  
(Govt. College of Engg., Karad)
- 3) **Prof. S.N. Tande** Ph.D, M. E. (Struct)  
(Walchand College of Engg. Sangli )
- 4) **Prof. R. J. Balwan** M. E. (Const. Tech.)  
(Govt. Polytechnic ., Kolhpur)
- 5) **Er. Nirajan Waichal** M. E. (Struct) ( )  
Practicing Engineer Kolhapur)
- 6) **Prof.V.G. Khurd** M. E. (Struct) (D.Y.Patil  
College of Engg. & Tech., Kolhapur)

## Registration

As this course is initiated & sponsored by Ministry of Home Affairs, Govt of India, Registration fees not required.

Local Hospitality – Tea, snacks, working lunch & study material will be provided by institute. After successful completion of the course, participation certificates will be given. (The same is mandatory by COA for practicing architects)

**A demand draft of Rs.200/- in the favour of co-ordinator R. B. Koli should be sent along with the application. This will be refunded after attending the workshop.**

**Last Date for Registration 21<sup>st</sup> Sept.2009**

### Ø Programme Co-ordinators :

- 1) **Prof. R.B. Koli** (9422044389)

Email - [rbkoli2006@yahoo.co.in](mailto:rbkoli2006@yahoo.co.in)

- 2) **Ar. M.A. Mithari** (9765783199)

Email – [madhumithari@gmail.com](mailto:madhumithari@gmail.com)

### Ø Co- Coordinators

Ar. Neela Jirge (9881494969)

Er. V.G. Khurd (9922272481)

Ar. Amol Magdum (9764747799)

Ar. Sheetal Jagdale (9922993744)

### Ø Members

Arun Samai (9970997294)

Uttam Patil (9823755922)

Prof. R.G.Sawant  
H.O.D.

Dr. S.K.Kudari  
Principal

## N P C B A E R M

‘ NATIONAL PROGRAMME FOR CAPACITY BUILDING OF ARCHITECTS IN EARTHQUAKE RISK MANAGEMENT’

Session 1 - 26<sup>th</sup> to 30<sup>th</sup> October ,2009

Session 2 - 9<sup>th</sup> to 13<sup>th</sup> November,2009



### CHIEF PATRON

Ministry of Home Affairs  
National Disaster Management Division  
Government of India.

### ORGANISED BY

(DEPARTMENT OF ARCHITECTURE)

**D. Y. PATIL COLLEGE OF ENGINEERING & TECNOLOGY, KASABA BAVADA KOLHAPUR**  
Ph No. 0231- 2600997  
Fax -0231 – 2601432  
Email- dypcet@sancharnet.in