

Objective

- This course is necessary to update the knowledge of teaching faculty as the design code IS 800:1984 (Working Stress method of design) is revised to IS 800: 2007 (Limit State Method of Design).
- The main objective of this Short Term Training programme is to create awareness on the design provisions in steel structures as per IS 800: 2007.
- The scope of this program will include theoretical aspects as well as examples with emphasis on steel design pertaining to various codal provisions.
- A broader understanding of the behavior of steel structures will be achieved through this program.
- The topics are based on IS 800: 2007 to allow an in-depth understanding of the design concepts and strategies pertinent to steel structures.

General Information about Institute

The Institute, Shri Ramdeobaba College of Engineering and Management, (formerly Shri Ramdeobaba Kamala Nehru Engineering College) founded in 1984, by Shri Ramdeobaba Sarvajanic Samiti with a mission to provide high quality engineering education in central India. This Institute became the most sought after engineering college in central India for its commitment of imparting quality education. This institute is Autonomous since 2011-12. The Institute is ISO-9001-2000 certified and "A" grade institute by NACC. The Department of Civil Engineering is one of the prime partners in success stories of the institute. The department has all the state

of the art laboratories and faculties that provide excellent opportunities for students as well as researchers. The department is accredited by National Board of Accreditation and well recognized from Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. The department is also running two PG courses in Structural (Full Time) NBA accredited and Geotechnical (Part Time) Engineering.

Who May Participate?

The course will be of immense interest to the Faculty members, Research scholars, Under & Post-graduate students, practicing civil / structural engineers and consultants. It will help in up-gradation of knowledge, information and skills to create environment for efficient and economic design of steel structures.

Participation Fee

Faculty: Rs 3,500/- Per Participant

Student: Rs 2,500/- Per Participant

(Non-refundable including course material and lunch)

Last Date of Registration:-06-01-2017

Limited to 30 participants

Payment

Fees are payable in advance by Cash / Demand Draft / Cheque in favour of *Shri Ramdeobaba College of Engineering and Management, Nagpur* (Payable at Nagpur).



Registration form

For

**One week Short Term Training Programme on
“Application of IS 800:2007 in Design of Steel
Structures”**

12th Jan - 16th Jan 2017

Name.....

Designation.....

Organization.....

Address.....

Phone/Mobile No.....

E - Mail.....

Category (Please tick appropriate box)

Faculty Industry Professional

Student Research Scholar

Details of Bank Draft/ ChequeNo.....

Dated..... Drawn on.....

Date:

Signature of Applicant

Note Multiple photocopies may be used, if needed.

Patron

Shri Banwarilal Purohit, Hon'ble Governor of Assam,
& Chairman, RCOEM, Nagpur

Hon'ble Shri G. L. Agarwal, General Secretary,
RCOEM, Nagpur

Management Members of RCOEM, Nagpur

Advisory Committee

Dr. R. S. Pande, Principal, RCOEM.

Dr. M. S. Kadu, H.O.D. Civil Engg, RCOEM

Prof. P. D. Pachpor, Professor Civil Engg, RCOEM

Dr. R.N. Khapre Asso. Prof. Civil Engg, RCOEM

Dr. N. V. Deshpande, Principal, GNIET, Nagpur

Organizing committee

Prof. Varsha Harne - 9420856176

Prof. Nikhil Agrawal- 9766461735

Prof. Jyoti Chouhan- 9423109330

Prof. Prashant Hiwase- 9823255403

Prof. Sharda Siddh -9173628561

Prof. Komal Bedi- 9370473233

Prof. Suyog Dhote- 7709074245

Prof. Gourav Sachdeva -8602338848

Course Content

1. Introduction / Philosophy of Limit State Design as per IS800:2007
2. Plastic Analysis
3. Design of Tension Members
4. Design of Compression Members
5. Design of Flexural Members
6. Design of Connections
7. Design of Industrial Shed

Course Faculty

Resource persons include renowned faculties and structural designer.

Dr. M.M. Basole (Ex HOD Applied Mechanics Dept VNIT, Nagpur and Structural consultant.)

Dr. L.M. Gupta (Prof. Applied Mechanics Dept. VNIT, Nagpur)

Dr. A.V. Vyavhare (Associate Prof. Applied Mechanics Dept. VNIT, Nagpur)

Dr. Mohan Gupta (HOD Civil Engg Dept., Bhilai Institute of Technology, Durg (Chhattisgarh).

Dr.S.V. Bakre (Associate Prof. Applied Mechanics Dept. VNIT, Nagpur)

Prof. Ashish Khatri (Asst. Prof. Applied Mechanics Dept. VNIT, Nagpur.)

Coordinators

Prof. H. P. Khungar

Prof. A. M. Gharad

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Civil Engineering Department,

Shri Ramdeobaba College of Engineering and

Management, Ramdeo Tekdi, Gittikhadan, Katol

Road, Nagpur – 440013 (Maharashtra)

Phone: 0712 - 2582844, 2580011

Fax No. 0712- 2583237

Note: 1) Participants are requested to bring IS 800:2007, steel table & scientific calculator for hands-on practice.

2) No T.A. and D.A. will be provided to the participants.

One Week Short Term Training Programme

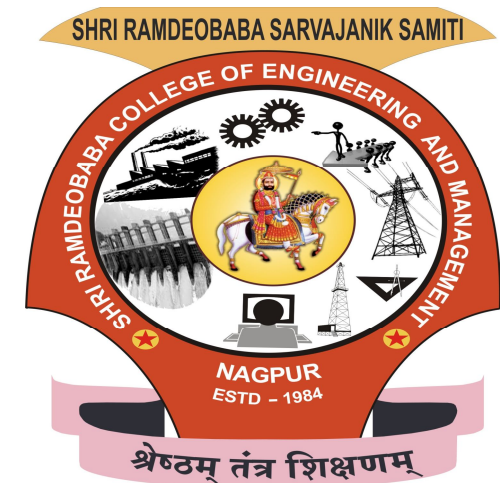
on

“Application of IS 800:2007 in Design of Steel Structures”

12th Jan - 16th Jan 2017

Coordinators

Prof. H. P. Khungar Prof. A. M. Gharad



(An Autonomous & ISO 9001-2008 Certified Institute)

**Organized by
Civil Engineering Department,
Shri Ramdeobaba College of
Engineering and Management**

Nagpur – 440013

(<http://www.rk nec.edu>)