

2 Days short term Course on "Design of Masonry Structures" on 8th & 9th September 2019

Organised by :



**Odisha Govt. Polytechnic
Teachers' Association**

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VENUE

The Institute of Engineers (India)

ODISHA STATE CENTRE

Sachivalaya Marg, Unit-IV, Bhubaneswar



About OGPTA :-

The Odisha Govt. Polytechnic Teachers' Association is a recognised service association of Govt. Of Odisha for OTE&TS Cadre Officers working in polytechnics and ITIs of the State. The association stands to safeguard the interests of over 600 faulty member in terms of service condition, quality improvement of both the teachers and students alike. As per the aims and objectives as enunciated in the Bye Law of the association, it conducts seminars / shortcourses / workshops& training programmes in critical areas of teaching at regular intervals in addition to publishing journals and magazines in the domain of technological advancement and research.

Objective of the Short Course :-

The subject of "MasonryDesign" is a new addition to the diploma level syllabus of Civil Engineer curriculum under SCTE& VT, Odisha. The knowledge of the structural design of Masonry has become imperative for the diploma level students as they will constitute the backbone of the supervisory staff in the execution of Load bearing structure and low cost building. So the persons involved in the training / teaching them must be familiar with the subject matter for effective transmission of the knowledge and techniques. Unfortunately the subject matter is not covered in the engineering colleges of BPUT and other Govt. / Private degree level institutions of the state in their syllabus either at under graduate or post graduate level. Moreover, the NITTTR, Kolkata or any other such organizations are not imparting short courses on the topic till date. Also no standard books are available in the market on the subject at present. Therefore, it was indented to organise short course on the most relevant subject to equip the young faculties, field engineers as well as architects of the state with the required knowledge base to deal with the subject and challenges in the field.

Target audience :-

The topic, being a new introduction in the diploma curriculum will be immensely beneficial to the new as well as old faculty of civil / architectural engineering stream. Also it will be quite useful for the field engineers as well as architects engaged in the design and execution of building and miscellaneous structures in different capacities as well.

The Resource Person :-

The following eminent senior faculties will conduct the programme,

1. Dr. R.K. Panigrahi, Assc Prof. (Civil) VSSUT, Burla.
2. Dr. S.K. Patra, Prof. & Head, (Civil) VSSUT, Burla.
3. Dr. Suresh R. Dash, Assc. Prof. (Civil) IIT, Bhubaneswar
4. Dr. M.R. Samal, Sr. Lect. (Civil) G.P. Bolangir-Course Coordinator.

The Organising Committee :-

1. Chairman – Dr. M.R. Samal, President, OGPTA
 2. Honorary Secretary – Dr. B. Parida, Gen. Secy. OGPTA
 3. Organising Secretary – Er. P.K. Dhalsamanta, Joint Secy. OGPTA
 4. Convenor – Er. Abinash Biswal, Treasurer, OGPTA
- Dr. S. Beura, Steering Committee Member, OGPTA



DETAILS AND SCHEDULE OF THE TRAINING PROGRAMME ON MASONRY DESIGN

There shall be 4 sessions of 3 hours each spanning over two days as per the programme below: :

- Dt. 8.9.2019 - 9 AM to 10 AM** : Inauguration and Welcome address
- 10 AM to 1.00 PM** : 1st Session (including 15min. Tea break) covering introduction masonry units, mortars, Basic design principles of masonry walls including solution of problems.
- 1.00 PM to 2.00 PM** : Lunch break
- 2.00 PM to 5.00 PM** : 2nd Session (Including 15min. Tea break) covering load bearing and non-load bearing walls, effective height, length and thickness of masonry walls, slenderness ratio.
- Dt. 9.9.2019 - 10 AM to 1.00 PM** : 3rd Session (including 15min. Tea break) covering eccentricity of loads, Lateral support and Stability, design of column, piers including solution of problem.
- 1.00 PM to 2.00 PM** : Lunch break
- 2.00 PM to 5.00 PM** : 4th Session (including 15min. tea break) covering buttresses, bridge piers and abutments, footing including solution of typical problems followed by question answer session and valedictory ceremony.

Registration :-

The participants have to apply in the prescribed format for attending the course and send it to the official email id (ogpta2015@gmail.com) / upload in the information section of the association website (www.ogpta.org.in) along with the proof of payment or registration fee in advance through nct banking / electronics transfer or in the form of BD by post by hand payable to the association account as detailed below on or before 31st August 2019. The batch size is limited to maximum 30 participants.

- (1) For members of OGPTA - Rs. 500/-
- (2) For OGPTA office bearers (central/Unit level) Rs. 200/-
- (3) For non members of OGPTA / faculties of private institutions / field engineers or architects – Rs. 1000/-

The registration fee includes the cost of Tea, snacks, working launch, training kit / hand outs, and a book incorporating masonry design and certificate of course completion. The participants have to make their stay and travel.

Bank Account Details :

Account Name – Odisha Govt. Polytechnic Teachers' Association.

Account No. - 084110100039489 MICR code – 753011004

IFSC – ANDB0000841 (Andhra Bank, Mangalabag Branch, Cuttack)

For any queries, please contact :

1. Dr. S. Beura – Mob. : 9040838168
2. Er. A. Biswal – Mob. 9658615271



FORM OF REGISTRATION FOR SHORT COURSE ON DESIGN OF MASONRY STRUCTURES

- 1) Name & designation of the applicant (in block letters):
- 2) Address ((in block letters):
..... Highest Technical Qualification.....
- 3) Name and address of the institution / organization:
- 4) Whether a bonafide member of OGPTA: yes / no
- 5) Whether any office bearer of OGPTA: yes / no (local unit / central)
- 6) Details of Identity proof for non-members of OGPTA: Aadhar card/ Driving license/ PAN/Voter id
(Please mention No. only).....
- 7) Signature of the Unit Secretary with seal for members / office bearers of OGPTA:
- 8) In case of sponsored candidates,
Signature with seal of the Head of the institution / organization:.....
- 9) Details of registration fee paid:
 - a) Amount.....
 - b) Mode of payment.....
 - c) Name of the bank / Agency
 - d) Transaction id / BD No.....
- 10) Phone / Whatsapp No _____ Email _____

Undertaking:

I do hereby undertake to abide by the rules and regulations of the organizing committee of OGPTA in respect of conduct of the short term course on "Design of Masonry Structures" to be held on 8th and 9th September, 2019. I will produce a copy of my identity proof at the time of joining the programme.

Date.....

Signature of the applicant.....

FOR OFFICE USE

Application Sl. No. _____

Status of the application: Accepted / Rejected

Checked and Verified by: _____

Countersigned _____