

ABOUT THE COLLEGE

Govt. Engineering College Ajmer was established in year 1997 with a view to provide learning facilities to boys & girls, deserving and desiring, and to produce engineers of highest ability who will become trendsetters in the profession. The institution is successfully moving forward with increased student strength, brilliant faculty members and efficient staff members. The institute has its own sprawling Wi-Fi campus, most modernized and ever growing other infrastructure facilities. Our aim is balanced development of students' personality got concrete expression in the form of participation of students in activities, organized under various forums like Creative Art Society, Sports Club, NSS, NCC for their physical, mental, aesthetical, ethical and intellectual development.

Govt. Engineering College, Ajmer



OBJECTIVES OF THE COURSE

Engineering problems require knowledge of various computational skills for their solution and analysis. This Course is being organized to promote research and recent developmental activities of Computational Techniques. Present course is conceived to address the needs of introducing different solution and modelling techniques for the solution of engineering problems.

In this course, it is planned to bring together experts, scholars, innovative researchers, leading professionals, academicians, and industrial experts to exchange & share their experiences and research activities about all aspects of Computational Techniques and discuss the practical challenges encountered and the solution strategy adopted.

This Course is intended for faculty members, research scholars & industry personnel who have interested in such advanced techniques.

The main focus of the course will be on the following topics:

- Introduction to Computational methods
- Computational Dynamics
- Simulation and Modelling
- Optimization Techniques
- Soft computing techniques (ANN, Fuzzy logic, etc.)
- Finite Element Method (FEM)
- Concept of Reliability
- Introduction to important softwares.

One week Short Term Course

On

Computational Techniques and Their Applications in Engineering

September 11-15, 2018
(TEQIP-III Sponsored)



Organized by

Department of Civil Engineering
**Govt. Engineering College,
Ajmer-305025 (Raj.)**
Contact No. 0145-2971024
www.ecajmer.ac.in

ELIGIBILITY

This programme is interdisciplinary and it is open to faculty members engaged in Engineering & Mathematics Departments, research scholars and PG students including working professionals from the Industries.

REGISTRATION DETAILS

| Participants | Amount |
|--|-----------|
| Faculty or Students from TEQIP Sponsored Institutes | Nil |
| Students & Research Scholars from Non-TEQIP Institutes | Rs. 500/- |
| Faculty from Non-TEQIP Institutes | Rs. 1000/ |
| Industry Personnel | Rs. 1500/ |

- Registration forms are also available on Institute's website www.ecajmer.ac.in
- Registration form duly forwarded by Head of the Department/Institute along with demand draft of requisite amount in favour of "Principal, Govt. Engineering College, Ajmer".
- Participants are requested to make their own arrangements for stay during the Course. However, suggestions for suitable accommodation near the college can be made on request.
- No TA/DA will be provided to the participants. Working Lunch will be provided by organizers.

HOW TO APPLY

- Scanned copy of the registration form duly signed by sponsoring authority with registration fees DD should be sent by **09 September, 2018** to email address ganpatsingh78@ecajmer.ac.in
- Intimation to the selected candidates (by Email only) will be sent by 10 **September, 2018.**
- Hard copy of registration form with DD duly completed in all respects is to be produced at the time of registration.

PATRON

Prof. Ranjan Maheshwari

Principal, Govt. Engineering College, Ajmer

COORDINATOR

Dr P. K.Goyal

CO-COORDINATOR

Ganpat Singh Mahesh Manwani
Dr Adarsh Mangal

ORGANIZING COMMITTEE

Tarun Aseri Dilip Gehlot
Dr. Anand Bansal Dr Manish Badlani
Sankalp Suman Kumari
Pravesh Saini Nishant S. Kushwaha
Vishnu Priya Choudhary Dhruv Saxena
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ADDRESS FOR COMMUNICATION

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Contact No. 0145-2971024, 9928785544

www.ecajmer.ac.in

TEQIP-III Sponsored

Short Term Course on

Computational Techniques and their Applications in Engineering

September 11-15, 2018

1. Name:
2. Highest Qualification:
3. Designation:
4. Department:
5. Affiliation:
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6. Address for Correspondence:
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.....
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7. Mobile No.:
8. E-mail:
9. Payment Details:
DD No..... Date.....
Name of Bank:.....

Signature of Applicant

Signature & Seal of Sponsoring Authority