

### ABOUT THE INSTITUTE

Sprawling over lush-green campus with hassle-free Wi-fi facility, well-equipped laboratories and other modern infrastructural amenities, Govt. Engineering College Ajmer (GECA), an autonomous institution under the Government of Rajasthan, established in 1997 offers Bachelor of Technology, Master of Technology, Master of Business Administration & Master of Computer Applications. The college, affiliated to RTU Kota/BTU Bikaner is an approved research centre of affiliating university and offers various Ph.D. programmes. The institute is about 10 km from the railway station as well as bus stand. Well qualified and learned faculty-members nurtures student learning, fosters research temperament and creative activity so as to enable students to carve a niche for themselves and develop a profound academic and compassionate learning culture. The emphasis on comprehensive understanding of their chosen engineering discipline along with hands on experience as well as impressive placements and extra-curricular activities imbining social and national commitments render our institution as the right place for the students to gear up with a world class competitive edge.



### ABOUT AJMER CITY

The holy city of Ajmer which is acclaimed as city of communal harmony and thronged by tourists from all over the world was founded by Raja Ajay Pal Chauhan in the 7th Century A.D. The city has survived the immortal glory of great emperor Prithviraj Chauhan who is known for his valour and courage. The holy city is popularly known for sacred Dargah Sharif and Pushkar, the abode of Lord Brahma. The most frequented tourist spots in Ajmer includes Nareli Gyanodaya Tirtha, State Museum, Ana Sagar, Foy Sagar, Taragarh Fort & Prithviraj Chauhan Memorial etc.

### OBJECTIVES OF THE COURSE

The plummeting fossil-fuel reserves and the concomitant environmental impacts has led the transition in energy sources from fossil fuels towards alternative energy sources. The great energy challenge of the future is to meet the escalating demand of a growing world. Decisions made today on energy sector investments and infrastructure have long-lasting implications. Environmental consciousness and energy security concerns have compelled policy makers to explore energy supply options that are cost-effective, reliable, secure and environmentally sustainable. Renewable energy is a key part of the solution. Major types of renewable energy sources include solar, wind, hydro and biomass, all of which have huge potential to meet future energy challenges. It can contribute to the long-term resilience of the global energy system that underpins economic development. Due to their continually improving performance and cost-effectiveness and given growing recognition of their environmental, economic and social benefits, renewables will grow increasingly competitive with traditional energy technologies. The primary goal of this course is to facilitate the faculty members/scholars of engineering and technology a forum to share their ideas with the distinguished speakers regarding the various renewable energy sources, associated technological advancements and techno-economic feasibility analysis of various renewable energy systems in India.

### One Week Short Term Course

On

### Renewable Energy Systems and their Techno-economic feasibility in India

8<sup>th</sup> July- 12<sup>th</sup> July, 2019

(Sponsored by TEQIP-III)



### CHIEF PATRONS

Dr. Subhash Garg  
Hon'ble Technical Education Minister  
Govt. of Rajasthan

Shri Vaibhav Galaria  
Hon'ble Principal Secretary  
Department of Technical Education  
Govt. of Rajasthan

### PATRON

Dr. Rohit Misra  
Principal

### CONVENER

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### **ABOUT THE DEPARTMENT**

The Department of Mechanical Engineering at GEC Ajmer is as old as the institute itself. The department has well equipped and spacious laboratories. The well qualified and diligent faculty not only strive to disseminate theoretical knowledge to the students but inculcate the practical learning so as to foster creative thinking and teamwork which are highly sought after in any engineering industry. In addition to teaching undergraduate and graduate students, the faculty of Mechanical Engineering actively pursues research through graduate students. Research and Development activities of the faculty-members have culminated in more than 100 publications in peer reviewed international journals of high impact factor and international/ national conferences.

### **ELIGIBILITY**

Regular faculty-members from various UGC/AICTE approved colleges/institutions, research scholars/M. Tech. students from AICTE approved engineering institutions and working professionals from the industries are eligible to attend the programme.

### **REGISTRATION-FEE DETAILS**

Participant	Amount
Faculty, M. Tech. students & research scholars from GECA	Nil
Faculty from other institutes / industry personnel	Rs. 1000/-*
M. Tech. students & research scholars from other institutes (except GECA)	Rs. 500/- *

\* The fee paid once will not be refunded under any circumstances

### **HOW TO APPLY**

❖ Registration form available online at link [www.ecaimer.ac.in/accounts/workshon](http://www.ecaimer.ac.in/accounts/workshon) should be filled in by the applicant. After submitting registration-fee online (if applicable), print-copy of receipt may be obtained from <http://www.ecaimer.ac.in/accounts/workshon/login>.

❖ The Sponsorship certificate may be downloaded from <http://www.ecaimer.ac.in/accounts/workshon/Certificate.pdf> which duly forwarded by Head of the Department/Institute or sponsoring authority must be uploaded at the online link provided on website latest by 4<sup>th</sup> July 2019.

❖ Confirmation of eligible candidates shall be on a first come first served basis. The upper limit of the participants is restricted upto 50 only.

❖ Participants are requested to make their own arrangements for stay during the STC. However, suggestions for suitable accommodation can be made on prior request.

❖ No TA/DA will be provided to the participants.

❖ Intimation to the selected candidates (by Email only) will be sent by 5th July, 2019

For any query, contact Mr. Kamal Singh (Mobile No. 8058925861) or through e-mail at [restefiaimer@gmail.com](mailto:restefiaimer@gmail.com)

### **Coordinators**

Dr. Alok Khatri  
Dr. Chandan Sharma,  
Mr. Tarun Kumar Aseri

### **Co-Coordiators**

Dr. Jaikishan  
Mr. Jagbir Singh  
Mr. Kamal Singh

### **Organising Committee**

Dr. Devendra Choudhary  
Dr. B. D. Gidwani  
Dr. Sandesh Trivedi  
Mr. Y. K. Gupta  
Mr. Dilip Gehlot  
Mr. Dilip Sisodia  
Mr. M. C. Khatri  
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Mr. Vinesh Jain  
Mr. Harish Sharma  
Dr. Manish Badlani  
Mr. L. K. Dusad  
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