

## Engineering College Ajmer

Sprawling over lush-green campus with hassle free Wi-fi facility, well-equipped laboratories and other modern infrastructural amenities, Engineering College Ajmer (ECA), an autonomous institution under the Government of Rajasthan established in 1997 offers Bachelor of Technology, Master of Technology, Master of Business Administration and 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 in Engineering and Management. The institute is about 10 km from the railway station as well as bus stand.

Professionally qualified and learned faculty-members nurture student learning, fosters research temperament and creative activity to enable students to carve a niche for themselves and develop a profound academic and compassionate learning culture. ECA successfully completed the World Bank assisted Technical Education Quality Improvement Programme (TEQIP-II) and has been selected for the third phase of TEQIP (TEQIP-III). For more details, visit <http://www.ecajmer.ac.in>.

### Contact

Dr. Adarsh Mangal  
Department of Mathematics  
Engineering College Ajmer  
NH-8, Badliya Chouraha, Ajmer Rajasthan,  
India -305025  
Phone:0145-2971024, Email: [convenercia@gmail.com](mailto:convenercia@gmail.com)  
[www.ecajmer.ac.in](http://www.ecajmer.ac.in)

### CHIEF PATRONS

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Govt. of Rajasthan

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Head, Department of Electrical Engineering  
Engineering College Ajmer

Dr. R. K. Motwani  
Head, Department of Management Studies  
Engineering College Ajmer

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Dr. Adarsh Mangal  
Dr. Nandkishor Gupta

### CO-COORDINATORS

Mr. Arjun Pareek  
Ms. Shivani Dwivedi

## One Week e-Short Term Training Program

On

### Computational Intelligence and Its Applications

19 - 23 October 2020

Organized by



Department of Electrical Engineering  
*and*  
Department of Management Studies  
Engineering College, Ajmer

*under*



Technical Education Quality Improvement  
Program-III

*at*

Engineering College, Ajmer

### Course Conveners

Dr. K. G. Sharma  
Dr. R. K. Motwani

## About the STTP

Computational Intelligence (CI) is a new concept for advanced information processing. CI is the theory, design, application and development of biologically and linguistically computational paradigm. CI, a branch of artificial intelligence (AI) which includes the study of versatile components to empower or encourage savvy practices in intricate and evolving situations. CI is an aggregation of major computational paradigms, which is different from intelligent systems (IS). CI covers all parts of AI and emphasizes on the improvement and development of real word applications.

CI is an evolving field and at present in addition to the three main constituents Neural Networks, Fuzzy System and Evolutionary Computation; it encompasses computing paradigms like ambient intelligence, artificial life, cultural learning, artificial endocrine networks, social reasoning and artificial hormone networks. The study of CI could be depicted as synthetic psychology, experimental philosophy or computational epistemology. It can be a new approach to ponder the old issue of the way of learning and insight. CI plays a major role in developing successful intelligent system, including games and cognitive developmental system to ensure effectiveness of technological developments and managerial decisions.

## Resource Persons

Experts from premier institutions (Liverpool University, UK / IITs / NITs / SAU / RTU) are likely to deliver their expert lectures on following topics but not limited to:

- Computational Intelligence.
- Swarm and Evolutionary Algorithms
- Deep Learning (DL)
- Machine Learning

## Fee

There is no registration fee for this training program. The Certificate will be provided to those participants who will attend at least 80% of the sessions and submit feedback of FDP. The number of participants is limited, and the selection is based on a first come first serve basis.

## Who can Apply

This programme is meant for faculty members, research scholars and students of engineering, sciences, and management.

## How to Apply

Please apply for the STTP on **Computational Intelligence and Its Applications** at the following link <https://forms.gle/VrVFTzKSE6GFXrzAA>

Applicants who are selected for the STTP will be intimated via email.

## Important Dates

Last date to Apply	October 16, 2020
Intimation of Selection	October 17, 2020
Confirmation by Participant	October 17, 2020

## Advisory Committee

- Dr. H S Mewara
- Dr. Sandesh Trivedi
- Mr. Tarun Aseri
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