

Boarding and Lodging:

Boarding, Lodging and travel expenses shall be borne by the participants. No TA /DA will be paid to the participants by UCET Bikaner. However, lunch and refreshments will be provided during the workshop period.

Venue:

Control System Lab, Department of Electrical Engineering, UCET, Bikaner, Rajasthan-334004

Selection Criteria:

The number of seat is limited. The participants will be selected on the "first come first serve basis."

Dates to Remember:

Date of Workshop: 17-19 December, 2018

Registration begins: 11th November, 2018

Last date of Registration: 10th December, 2018

Eligibility:

Undergraduate students and teachers from academic institutes, Engineers working in private & government organizations, Postgraduate Students and Research Scholars are eligible to participate in the workshop.

Registration Fees:

Students (outside participants): Rs. 500/-

Research Scholars: - Rs. 1000/-

Academic/ R&D Institute: Rs. 2000/-

Participants from Industry: Rs. 3000/-

*No fees for the internal participants (UCET, Bikaner)

The fees can be paid by any one of the following modes:

1. Through Demand Draft drawn in favour of "CET FACULTY DEVELOPMENT FUND" payable at BIKANER.
2. Through Electronic cash transfer via NEFT to "CET Faculty Development Fund", A/C No 11741011000776, Oriental Bank of Commerce, Engineering College, Pugal Road, Bikaner, IFSC: ORBC0101174.

About UCET Bikaner:

Judging by the date of establishing year, UCET is relatively a new arrival in the arena of technical institutions. It was established in 2007, as an autonomous body of Govt. of Rajasthan, amidst the brown blooms of desert island, Bikaner. It has made its remark by inspiring quality education. Total intake of college is 420 students in branches (CSE, ECE, EE, ME, CE, CRE) of Engineering and 60 students in MBA per year.



Department of Electrical Engineering:

The Department of Electrical Engineering at University College of Engineering & Technology, Bikaner came into existence in the year 2010 offering B. Tech degree in Electrical Engineering with a intake of 60 students. The department is flourished in all aspects and is being now with full fledging with competent, experienced and dedicated faculty and well-equipped laboratories with facilities to cater to the all-round development of the students in process.



A National Workshop on

Modelling, Stability Analysis and Controller Design Using MATLAB & Simulink

17-19 December, 2018

Sponsored By

TEQIP – III, UCET, Bikaner



Organized by

Department of Electrical Engineering
Bikaner Technical University, Bikaner, Rajasthan-
334004

Coordinator

Mr. Janardan Kundu

Dept. of Electrical Engineering, UCET, Bikaner

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Theme of the Workshop:

1. Introduction to MATLAB/Simulink
 - a. History and Introduction
 - b. Applications in different domains
 - c. Overall Architecture and System Requirements
2. User Interface and Basics.
 - a. MATLAB UI
 - b. Basic Commands and usage
 - c. Simulink UI
 - d. Basic Simulink Usage.
 - e. State flow and other toolbox.
3. MATLAB Variables
4. MATLAB and Sequences
5. User Defined Functions and Operators
6. Basic Plotting with MATLAB
7. Vectors and Matrices using MATLAB
8. Debugging with MATLAB
9. Block diagrams of Signal and Systems
10. Simulink, Stateflow and Other Toolbox
11. Problem Solving with Applications using MATLAB/ Simulink/ State Flow:
Engineering Domain (Automotive + Control Systems + Electronics + Electrical Engg. + Computer Science Engineering)



Resource Persons:

Dr. Arun Kumar Verma
Asst. Professor, MNIT Jaipur, Rajasthan

Research Interests: Power Electronics, Power Conversion Techniques for Wind & PV, Power Quality, Renewable Integration in Power Systems, Smart Grid, Smart Buildings, Harmonic Mitigation Techniques, Electric Vehicle (EV) Integration to Grid



Dr. M. K. Banerjee
Professor, MNIT Jaipur, Rajasthan

Research Interests: Nonlinear Mathematical Models, Neural Networks, Modelling and simulation, Atom transport studies



Mr. Janardan Kundu
Asst. Professor, Department of EE, UCET, Bikaner, Rajasthan

Research Interests: Electromagnetic Levitation, Optimization & Adaptive Control, Applied System Theory, Nonlinear Systems



Patron
Dr. H. D. Charan
Vice Chancellor, BTU, Rajasthan

Chairman
Dr. S. K. Bansal
Principal, UCET, Bikaner, Rajasthan

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Registration Form

(Scanned copy of the filled-up form along with payment details can be e-mailed to the coordinator for registration)

Name:

Designation:

Organization:

Mailing Address:

Contact No:

E-mail:

Highest Qualification:

Please find enclosed herewith a DD of Rs..... drawn on and bearing no

Please find enclosed herewith the scanned image of the NEFT statement available from the bank

Date:
(Signature of the applicant)

Forwarded by
(Head of the Department/Organization)