Jointly Organized by
Electronics & ICT Academy and TEQIP Phase III

MNIT Jaipur
http://www.mnit.ac.in/eict

Short Term Course in

Intelligent Algorithms' Application to Deregulated Power System

February 23-27, 2018
Venue: Prabha Bhawan, MNIT Jaipur
http://www.mnit.ac.in/eict

Electronics & ICT Academy is Sponsored by

Department of Electronics & Information Technology
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Preamble (Electronics & ICT Academy)
Government of India had announced a National Policy on Skill Development, which has set a target of skilling 500 million people by 2022 in the domain of Electronics & IT. Under the plan scheme of "Digital India Manpower Development". DeitY has set up seven (07) Electronics and ICT Academies as a unit in 03 IITs, 03 NITs and 01 IIIT with an objective of faculty/mentor development/up gradation in the areas related to Electronics & ICT leading ultimately to improved employability of graduates/diploma holders. MNIT Jaipur has set up such an academy for providing specialized training to faculty and industry persons in the states/UTs of Rajasthan, Gujarat, Daman & Diu, Dadra Nagar Haveli.

(A) Issues-
1. IT Hardware and Electronics Manufacturing industry- availability of properly trained, skilled and qualified manpower
2. Number of quality PhDs generated in IT / Computer Science is very low
3. In E & ICT domain- there is a very high degree of obsolescence of existing technologies and faster emergence of newer technologies

(B) Approach-
1. A focused faculty training/updation programme for IT, Electronics and related sectors
2. Spreading up and continuous updation regarding Emerging Technology
3. Training and consultancy services for Industry
4. Design, Develop and Deliver specialized modules for specific research areas and Industry
5. Providing advice and support for technical incubation and entrepreneurial activities

An intensive one-week training programme is being organized for faculty of engineering and technological institutions. It is also open to persons from industry and doctoral students of Indian organizations. The objective is to provide an exposure to the participants to the state-of-the-art in Emerging trends and development in Intelligent Algorithms' Application to Deregulated Power System through interaction with experts from academic CFTI institutions such as IITs/NITs including host institution. The technical program will include state-of-the-art lectures, hands-on lab sessions, tool demonstrations, and discussion/presentation sessions.

Programme topics: Intelligent Algorithms' application to Power Trading and Economics, Risk Management and Uncertainty Characterization, Optimal Operation, Frequency Response, Expansion Planning, Power Quality, Forecasting, Large Scale Renewable and EV/ Storage integration.

Invited Experts – From IITs/NITs including host institution

Programme coordinators

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Registration
Registration is open to faculty, industry persons, doctoral and postgraduate students of programmmes related to Power System/ Power System Management/Smart Grid. Register on line at http://www.mnit.ac.in/eict

Fee
(a)The one-time registration fee of Rs. 500/- would be applicable for each participant, irrespective of affiliation. This fee is not applicable for those participants, who have attended Academy training programme earlier.
(b)Academia (faculty/staff/PhD scholars only) are required to further pay Rs. 2000/-
(c)Non-academia & industry participants & UG/PG students are required to further pay Rs. 5000/- uniform (pan-India)
(d) (b) and (c) are applicable with 50% relaxation to SC/ST candidates
(e)The course fee covers the participation in the programme, registration material including tutorial notes, boarding (working lunch,breakfast& tea/snacks) and lodging (very limited number on first-come first-served basis for outside participants only) on all the days of the workshop in the guest rooms of institute hostels, on twin sharing basis, as per the availability. The travel expenses would have to be borne by the participants or their parent-organizations; as well as rest of the boarding charges to be borne by the participants. Very limited accommodation might be available on PAYMENT basis in MNIT Guest house on twin sharing basis.
(g) The organizers should receive the registration amount through online payment/NEFT/IMPS/DD

Account Name- 'Electronics & ICT Academy MNIT Jaipur'	Account Number- 676801700483
Bank address- ICICI Bank, MNIT Campus Branch, Jaipur	IFSC Code- ICIC0006768

(h) Please pre-intimate your desire to participate through e-mail, before registration form reaches us.
Further query: [Queries may be addresses to Coordinator]. Please visit us at: http://www.mnit.ac.in/eict