

ABOUT THE UNIVERSITY

Andhra University is one of the oldest educational institutions in the country. Andhra University was constituted in the year 1926. The 86-year-old institution is fortunate to have Sir C.R. Reddy as its founder Vice-Chancellor, as the steps taken by this visionary proved to be fruitful in the long run. Former President of India Dr. Sarvepalli Radhakrishnan was one of its Vice-Chancellors who succeeded Dr. C. R. Reddy in 1931. The leaders of the university always believed that excellence in higher education is the best investment for the country and engaged the services to high standards for teaching and research. Keeping in pace with the global needs and challenges, the University is offering several new Courses of relevance and Contemporary significance. Andhra University has established an international image in academic excellence with the accreditation by NAAC with 'A' grade in April 2002 and is general University in the country to get ISO 9001: 2008 Certification in 2009. The University has five constituent colleges offering total 313 courses in various specializations and four AU Campuses at different locations.

ABOUT AU COLLEGE OF ENGINEERING (A)

Andhra University is one of the top most universities in India for engineering. The College of engineering with three sections has been established at Visakhapatnam in 1953. By 1962 the Department of Chemical Technology has started. The sections of Basic Sciences were upgraded in 1964 to Departments in 1979. Over the years, the Andhra University College of Engineering grew from strength to strength and at present it has 15 Departments offering Undergraduate, Postgraduate and Research Programmes.

ABOUT THE DEPARTMENT

The department of electrical engineering was started in 1955 as one of the three constituents of the Department of Engineering in Andhra University and grown to the status of full Department in 1969. Currently department offers a UG program in Electrical and Electronics Engineering and 3 PG programs. The Department also offers Ph.D programme to promote basic research activities in the various areas of Electrical Engineering. The consultancy service is also rendered by the department. The Department has well established with conventional laboratories like Electrical Machines, Networks, Measurements, Power Electronics, Microprocessor, Control system and Digital Electronics. The faculty of the department is involved in research activities in the areas of fault detection, power system stability, load flows, optimal power flows, modal reduction, decentralized fault detection and flexible AC transmission systems.

ORGANIZING COMMITTEE

Chief Patron

Prof. G. Nageswara Rao,
Hon'ble Vice Chancellor
Andhra University, Visakhapatnam

Patrons

Prof.P.S.Avadhani,
Principal, AUCE (A)

Chairman & Convener

Dr. K. Vaisakh,
Professor & Head of the Department
Elect. Engg., AUCE(A)

Advisory Committee

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Prof. K. Rama Sudha
Prof. P. Mallikarjuna Rao
Prof. T. R. Jyothsna
Prof. Ch.V.V.S.Bhaskara Reddy
Prof. N. Prema Kumar

ADDRESS FOR CORRESPONDENCE

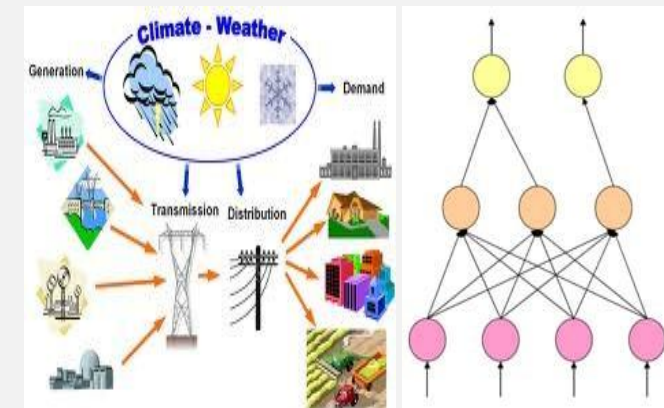
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Call for Participation

2nd TWO-DAY SHORT-TERM COURSE ON FUZZY SYSTEMS AND NEURAL NETWORKS IN POWER SYSTEM OPTIMIZATION

17-18th MARCH 2017

Under TEQIP Phase-II



ANDHRA UNIVERSITY
ఆంధ్ర విశ్వకళా పరిషత్

ORGANIZED BY

DEPARTMENT OF ELECTRICAL ENGINEERING

AU COLLEGE OF ENGINEERING (A)

ANDHRA UNIVERSITY

VISAKHAPATNAM-530003, A.P INDIA

OBJECTIVE OF THE SHORT-TERM COURSE:

The short-term course is organized by the Department of electrical engineering under the financial support by the TEQIP-Phase II of AUCE(A), Andhra University. It seeks to bring together leading academics, industry experts, and students. The proposed programme is organized with an aim to discuss the implementation aspects of 'Fuzzy systems and neural networks in power system optimization' to train the engineers/teachers of engineering colleges who wish to build their career in the field of power system optimization. It is expected that the experience gained by the participants through the course help them to get experience on application of fuzzy systems and neural networks in power system optimization.

CALL FOR PAPERS:

We invite for submissions on following topics with the application of fuzzy or neural networks for ,

- **Optimal operation and control of power systems,**
- **Optimal power flow,**
- **Optimal reactive power dispatch,**
- **Optimization of Voltage stability,**
- **Optimization with HVDC and FACTS,**
- **Optimal Deregulated power systems operation,**
- **Optimal operation of power systems with wind and solar systems and hybrid systems**
- **Optimal operation of smart grids**
- **Optimal planning and operation of distribution systems**

All analysis methodologies (analytical modeling, empirical modeling, experiments) are welcome and the emphasis should be on rigorous application of fuzzy systems and neural networks with an optimization methodology in the above topics and practical relevance of the results

ELIGIBILITY:

The short-term course is open to Faculty members, PG students, Research scholars and persons working in R&D organizations and Industries and **can participate with/without submission of paper.**

SALIENT FEATURES:

- *The program will have two keynote speakers from reputed Institutions(IIT)/ Universities for providing strong orientation in the course*
- *Single track of approximately 12 high quality presentations spread over the two working days.*
- *Each presentation will be of 30 minutes duration followed by 10 minutes of discussion.*
- *Short-term course proceedings contains two keynote presentations and the 12 accepted high quality papers.*
- *The proceedings will be published in the Book form(hard copy) with ISBN number*
- *The hard copy proceeding will be issued for free of cost to the authors of the accepted papers*

SUBMISSION GUIDELINES:

To be considered for the course, authors are requested to submit an extended abstract of four pages via email to fsnnpso2017@gmail.com by **February 25th, 2017**. It should describe the contextual motivation of the research problem, a brief discussion of methodology used, main results, and their implications. Submissions will be peer-reviewed and final decisions regarding all acceptances will be communicated by **March 4th, 2017** through email.

REGISTRATION (For AUTHORS & NON-AUTHORS)

Registration fees per participant:
Industries and Govt. Organizations : Rs 2000/-
Academic Institutes
Faculty : Rs 1500/-
Full time Scholars/PG Students : Rs 1000/-
Hard copy proceedings(Extra) : Rs 500/-

NOTE: Registration fees cover short-term course proceedings (only soft copy), working lunch, tea & breakfast. No TA/DA and accommodation is provided to the participants. However, accommodation will be arranged in university guest house on payment.

ONLINE TRANSFER DETAILS:

Name of the account holder : Dr.K.Vaisakh
Account number : 10228086340
IFSC Code : SBIN0003170
Branch : SBI, AU Engg College
Campus, A U,
Visakhapatnam, A.P.

2nd TWO- DAY SHORT-TERM COURSE

on
FUZZY SYSTEMS AND NEURAL NETWORKS IN POWER SYSTEM OPTIMIZATION

17-18th , March 2017

REGISTRATION FORM

Name :.....

Designation :.....

Organization :.....

Official Address

Mobile/Telephone:.....

E-mail :.....

Payment Details

Amount :.....

Bank :.....

Date:.....

CERTIFICATE FROM SPONSORING AUTHORITY(NOT MANDATORY)

This is to certify that Mr. / Ms.....

.....is student/ Faculty of our Institute

/Organization.

We sponsor him / her for the two-day short-term course organized by your Institute and he / she will be relived to attend the Conference.

Sponsoring Authority Signature:

Name :.....

Designation :.....

Seal:

Date:

Signature: