ABOUT THE UNIVERSITY

Andhra University is one of the oldest educational institutions in the country. Andhra University was constituted in the year 1926. Former President of India Dr. Sarvepalli Radhakrishnan was one of its Vice-Chancellors who succeeded Dr. C. R. Reddy in 1931. Keeping in pace with the global needs and challenges under the leadership and guidance of successive Vice-chancellors, 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 and the University has well experienced and export faculty known worldwide for their research contributions.

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 being 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 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. The current focus of research is on Fuzzy logic and Neural Network Applications.

ORGANIZING COMMITTEE

Chief Patron
Prof. G. S. N. Raju,
Hon’ble Vice Chancellor
Andhra University, Visakhapatnam

Patrons
Prof. Ch. V. Ramachandra Murthy,
Principal, AUCE (A)

Chairman
Dr. V. Bapi Raju,
Professor & Head of the Department
Elect. Engg., AUCE(A)

Convener
Dr. K. Vaisakh,
Professor & Chairman, BOS
Elect. Engg., AUCE(A).

 Advisory Committee
Prof. G.V. Siva Krishna Rao
Prof. K. Rama Sudha
Prof. P. Mallikarjuna Rao
Prof. T. R. Jyothsna

ADDRESS FOR CORRESPONDENCE

Dr. K. Vaisakh
Professor & Convener, NCPS-2015
Department of Electrical Engineering
AU College of Engineering (A)
Andhra University,
Visakhapatnam-53003, A.P, India
Mobile no: 09848687972,
Office no: 0891 2844840
Email: vaisakh_k@yahoo.co.in (personnel)
ncps.au2015@gmail.com (conference)

DIAMOND JUBILEE CELEBRATIONS
OF DEPARTMENT OF ELECTRICAL ENGINEERING, AUCE (A)
Call for Papers
2nd NATIONAL CONFERENCE
on POWER SYSTEMS
(NCPS-2015)
25th –26th, September 2015
Under TEQIP Phase-II

ANDHRA UNIVERSITY
VISAKHAPATNAM-530003, A.P INDIA

ORGANIZED BY
DEPARTMENT OF ELECTRICAL ENGINEERING
AU COLLEGE OF ENGINEERING (A)
ANDHRA UNIVERSITY
VISAKHAPATNAM-530003, A.P INDIA
CONFERENCE TOPICS

- Renewable Energy Technologies
- Distributed Generation and Micro Grid Power Generation, Transmission & Distribution
- Intelligent Energy
- Power System Instrumentation
- Power System Protection
- High Voltage & Insulation Engineering
- Power System Planning and Reliability
- Power System Operation and Management
- Power System Analysis, Simulation and Control
- Electrical Energy Market, Management & Economics
- FACTS controllers & HVDC
- Power Quality issues and Management
- Power Electronics & Solid State Devices
- PLC & SCADA System
- Wide area monitoring and network control
- Network communication and control
- Signal processing applications in power systems
- Design, development and placement of smart sensors in power system
- Grid optimization
- Static and dynamic component modeling
- Power system stability and control
- Impact of distributed generation on security and reliability of power systems
- Grid challenges: Planning, interconnection, operation and control
- Transmission planning under market and regulatory uncertainty
- Protection, special schemes and control integration
- Design of Power components and systems
- Intelligent monitoring of high voltage power equipment
- Black-out prevention and restoration
- Power system restructuring
- Power system economics
- Power electronics and drives
- Probabilistic Methods For Energy Markets and Asset Management
- Damage Assessment and Restoration
- modeling of Power Systems after Earth Quakes
- Condition Monitoring, Failure Diagnosis and Reliability Centered Maintenance
- Probabilistic Approach for Analysis and Design of Electrical Machines and Drives
- Energy Storage Design for Electric Power under Uncertainty
- Power System Security
- International coordination towards fully functioning Interconnected Power Grid
- Energy Security and Sustainability Analysis
- OLTC Operations
- Shunt Capacitor Switching During Emergency
- Hybrid Power Systems
- Intelligent Energy Distribution and Management
- Energy Efficient and Power Saving Technology
- Soft Computing Techniques in Power System
- DSP based Applications for Power System
- Energy Conservation & Harvesting
- Optimal & Economic Management of Power System

REGISTRATION

Registration fees are per Author per paper as follows:

<table>
<thead>
<tr>
<th>Industries and Govt. Organizations</th>
<th>Rs 4000/-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Institutes</td>
<td>Rs 2500/-</td>
</tr>
<tr>
<td>Faculty</td>
<td>Rs 2000/-</td>
</tr>
<tr>
<td>Full time Scholars/PG Students</td>
<td>Rs 500/-</td>
</tr>
</tbody>
</table>

Note: Registration fees cover conference proceedings in Hardcopy (Rs.500 extra) with ISBN and soft copy (free), working lunch, tea & breakfast. No accommodation is provided to the participants. However, accommodation will be arranged on request and payment in university guest house and nearby hotels.

SUBMISSION OF PAPERS

Authors are requested to submit soft copy of full paper (IEEE format, Double Column with Single line spacing, A4 not exceeding 6 pages) to email: ncps.au2015@gmail.com. The paper must be accompanied by complete details of authors, their affiliation and email ID.

KEY DATES

<table>
<thead>
<tr>
<th>Full Paper Submission (last date)</th>
<th>16.09.2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notification of Acceptance</td>
<td>18.09.2015</td>
</tr>
<tr>
<td>Registration</td>
<td>21.09.2015</td>
</tr>
</tbody>
</table>