Staff & Students of Department of Electrical Engineering Cordially invites you to
Second Diamond Jubilee Endowment Lecture on
“Deregulated Electricity Market”
By
Dr. S.P. Singh
Professor & Head
Department of Electrical Engineering, IIT (BHU), Varanasi

Prof. S. Satyanarayana
Vice-Chancellor, Osmania University
has kindly consented to be the Chief Guest

Prof. V.S.S.Kumar
Principal, UCE, OU
will preside over the function

On Thursday, 26th December 2013 at 5.30 p.m
E-class room, Department of Electrical Engineering,
University College of Engineering (A),
Osmania University, Hyderabad

Programme:
5.30 p.m - 6.00 p.m : High Tea
6.00 p.m - 7.30 p.m : Inauguration & Lecture

About the Electrical Engineering Department:

The Department started in 1949 to offer B.E in Electrical Engineering. The Post-graduate course in Electrical Machines was started in 1966. With a view to provide diversity and industrial orientation to the Post Graduate program, the Department is offering M.E. courses in Industrial Drives & Control and Power Systems from 1971 and a new PG program in Power Electronic Systems from 2008. Department also offers part time PG courses in Industrial Drives & Control and Power Systems for the working academicians and engineers. The Full-Time and Part-Time Ph.D. programmes are being offered in the Department.

The Department has 23 faculty members who are highly experienced and actively involved in various research activities. The Department is also equipped with state-of-art equipment and well qualified technical staff.

The First National Power System Conference was conducted by this Department in year 1981 and also the 16th National Power System Conference was organized in 2010. The Department celebrated its Diamond Jubilee in year 2009-2010. The department is accredited by NBA for 5 years from year 2013 for B.E program.
About the Lecture

During Pre '90s, almost all electric power utilities throughout the world operated with an organizational model in which one controlling authority, the utility, operated the generation, transmission, and distribution systems located in a fixed geographic area. This resulted in a monopolistic organization. With economists pointing out the benefits of deregulation of other industries such as telecommunication and airlines, this idea was incorporated in modern power systems.

In a political climate favoring the notion of deregulation, the United Kingdom was the first to restructure its nationally owned power system, creating privately owned companies to compete with each other to sell electric energy. This was followed eventually by other western countries. However the forms of deregulation vary from country to country and from region to region. These three main forms can be differentiated as optimal power flow model, price area based model and the transaction based model.

These models deal in very different ways with the interaction between the properties and limitations of the transmission system and the economic efficiency of the energy market. This talk aims to present the objectives of deregulation, mechanism of trading of electricity, structure options, types and functioning of electricity market and key issues.

About the Speaker

S. P. Singh hails from Chandauli, U.P where he was born in 1957. He received his B.E. and M.E. in Electrical Engineering from Allahabad University (presently MNNIT Allahabad) in 1978 and 1981 respectively. He obtained his Ph.D. from Banaras Hindu University in 1990. He was Post Doctoral scholar as BOYSCAST fellow at the University of Calgary, Canada during 1993-94 for one year and a visiting fellow under Royal Society-INSFellowship at the Brunel University, Uxbridge, London in 2004 for three months.

He joined the Electrical Engineering Department of Banaras Hindu University as Lecturer in 1981 where he is presently serving as Professor. His main research interests are in optimal operations of power systems, deregulation, distribution automation, wide area measurements and AI applications to power systems. He has published about 100 research papers in International and National Journals and Conferences in above mentioned areas.

Dr. Singh is a Fellow of Institution of Engineers (India), Senior Member of IEEE (USA) since 1994 and life member of Systems Society of India. He has shouldered many administrative responsibilities of the university and is presently Head of the Department of Electrical Engineering, IIT (BHU) Varanasi.
Invitation

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“Deregulated Electricity Market”
(Thursday, 26th December 2013 at 5.30 p.m)

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