

# Alumni

*Welcome to the home page of the Alumni section of the Department of Electrical Engineering at IIT (BHU). One of the major goals of the department is to intensify its interaction with its alumni both within the country as well as outside. For, through this interaction, the department stands to benefit both through the enhancement of its research orientation and strengthening of its academic programs. We, at the department, urge our alumni to visit our website so as to inform themselves of the latest developments, especially on the research front, and help us network with the larger world of business which can make use of the innovations fostered within the department.*

## List of Eminent Alumni of the Department Recognized Nationally and Internationally:

- **Nikesh Arora** (born 9 February 1968) is an Indian businessman who served as a former Google executive. He later served as the president for SoftBank Group, joining the company in October 2014 until stepping down on 21 June 2016. Born to an Indian Air Force officer, Arora graduated from the Indian Institute of Technology, BHU in Varanasi with a bachelor's degree in Electrical Engineering in 1989. He holds a degree from Boston College and an MBA from Northeastern University. He also holds the CF designation.
- **Rajiv Dogra** is an Indian diplomat, television commentator, writer and an artist. He was the Indian Ambassador to Italy and Romania and Consul General to Karachi, Pakistan. He was also India's Permanent Representative to the United Nations Agencies based in Rome. He has advised a government on restructuring its foreign ministry and has sat on the advisory boards of multinational corporations. Rajiv Dogra started his career with the Indian Foreign Service in 1974, following a degree in electrical engineering from Benares Hindu University (Now Indian Institute of Technology (BHU) Varanasi). He began his career with a posting at the Indian Embassy in Stockholm, Sweden, and rose to national and international prominence during his tenure as Consul General of India in [Karachi, Pakistan]. It was one of the most tense period in the [Indo-Pak] relations in the aftermath of [Babri] incident and the serial bomb blasts in [Bombay] in 1993. The [Indian Consulate General] in [Karachi] has remained closed after Rajiv Dogra completed his tenure there.
- **Narla Tata Rao** (4 September 1917 – 7 April 2007) was a prominent person in the power sector of India and a former chairman of the Andhra Pradesh State Electricity Board. Tata Rao was born on 4 September 1917 in Kowtharam in Krishna district. After early education in Andhra, he graduated in engineering from Banaras Hindu University in 1941 and obtained MS in power systems engineering from the Illinois Institute of Technology in Chicago, IL. Tata Rao built the Madhya Pradesh State Electricity Board from scratch in 1958. The late K.L. Rao appointed him as Member (Thermal) of the Central Water and Power Commission (CWPC) in 1972. However, JalagamVengala Rao spared no efforts to get Tata Rao to the State in August 1974. Tata Rao became synonymous with the energy sector in Andhra Pradesh. He increased the installed capacity of the State grid five-fold by conceiving giant generation projects like Vijayawada Thermal Station, Nagarjunasagar, Srisailem and Lower Sileru. He formed a strong base for the State's electricity sector, which is now considered one of the best in the country. He won several awards at national and international levels, including Padma Shri(1983).

- **Dr.Naresh K. Sinha** obtained the B.Sc. (Engineering) degree from Banaras Hindu University in 1948 and the Ph.D. degree in Electrical Engineering from University of Manchester in 1955. Dr. Sinha taught at Bihar Institute of Technology at Sindri in India and University of Tennessee as Knoxville. Dr.Naresh Sinha was Professor Emeritus in the Department of Electrical and Computer Engineering of Mc Master University in Hamilton, Ontario. He joined McMaster University in 1965 and retired in 1993 after serving in several Capacities, such as Chairman of the Department from July 1982 to June 1988 and Director of Instructional Computing for the Faculty of Engineering from July 1988 to June 1992. He has also been visiting Professor at Stanford University, the Institute of Control Sciences at Moscow, Tianjin University, Beijing University of Science and Technology, Delhi Technical University and the School of Electrical and Electronic Engineering in Nanyang Technological University, Singapore. He was one of the founding members of the Hindu Samaj Temple of Hamilton, served on the first Board of Directors of the Hindu Samaj Temple from 1976 to 1978 and has served as a Trustee for over 15 years. He was an avid runner/race walker, who lectured, coached, participated, assisted, and gave generously of his knowledge of the sport, at the Running Room on Main Street West in Hamilton. In addition to control system, Professor Sinha is the author or co-author of over 400 technical papers, a graduate level book, Modeling and Identification of Dynamic Systems, undergraduate level books, Microprocessor-based Numerical methods for Science and Engineering, Linear Systems etc.
- **Mr.Gyanesh Pandey**, co-founder of Husk Power Systems (HPS), Patna, India. He pioneered and popularized rice husk based power plants for rural India. Gyanesh obtained B. Tech. in Electrical Engineering in 1999 from our institute. He also obtained MS in Electric Power and Power Electronics Engineering in 2001 from Rensselaer Polytechnic Institute, New York. He worked for some time in a semiconductor company (International Rectifier) in USA, before returning to India. Gyanesh Pandey is Chief Executive officer and Chief Technical Officer of his company. He founded this company along with Ratnesh Yadav, Chief Operating Officer, with BA from Delhi University; and Manoj Sinha, with B. Tech. in Electronics Engineering in 1999 from IT-BHU. The 300+ employee-strong HPS is among the very few companies in the world which provides power plants for rural areas using only rice husk as fuel. The company has helped rural people in utilizing their bio-waste into the much needed power. More info about the company can be found at: [www.huskpowersystems.com](http://www.huskpowersystems.com). The company recently received 2011 International Ashden Awards for sustainable energy. More about this award is posted in Alumni News section of this issue.