

**SECTION-V**  
**(Electrical Engineering)**

**ACADEMIA**

<b>S.No.</b>	<b>Name</b>	<b>Year of birth</b>	<b>Specialization</b>
1.	Abhyankar, Abhijit R.	1974	Power Systems, Electricity Markets
2.	Agarwal, Vivek	1964	Power Electronics, Electronic Systems
3.	Bandyopadhyay, B	1956	Modelling of Physical System and Control System
4.	Banerjee, S	1960	Non-Linear Dynamics; Electrical Engineering
5.	Behera, Laxmidhar	1967	Intelligent Systems, and Control; Robotics and Artificial Intelligence
6.	Bhuvaneswari, G	1965	Power Electronics; Machines and drives
7.	Chakrabarti, Saikat	1975	Electrical power systems
8.	Chakraborty, Chandan	1965	Machine Driver; Power Electronics
9.	Chakravorti, Sivaji	1962	High Voltage Engineering
10.	Chatterjee, Amitava	1968	Instrumentation & Control; Signal & Image Processing
11.	Chatterjee, Kishore	1967	Active power filters, power evacuation strategies from solar photovoltaic systems, electric drives, design of BLDC motors for electric vehicles
12.	Dash, PK	1941	Energy Management, Artificial Intelligence
13.	Datta, KB	1939	Control and Dynamical Systems; Electrical Machines & Power Systems
14.	Fernandes, Baylon G	1962	Power Electronics; Electrical Machines
15.	Ghosh, Arindam	1952	Power Systems; Control Systems
16.	Gopakumar, K	1956	Power Converters; Multi Level Inverters
17.	Janardhanan, S.	1978	Control Engineering
18.	Kar, IN	1966	Control Theory and its Applications; Robotics
19.	Keerthipati, Siva Kumar	1979	Power Electronics Converters, Multiphase Induction Machines, Multilevel Inverters
20.	Khaparde, SA	1949	Power Systems; Smart Grids
21.	Kothari, DP	1944	Power Systems
22.	Kulkarni, Anil	1970	Power System Dynamics and Control; HVDC Systems
23.	Kulkarni, SV	1967	Electromagnetics; Transformers
24.	Kumar, Mahesh	1967	Power Quality in Power Distribution Network; Distributed Generation and Microgrid Systems
25.	Kumar, Udaya	1966	Lightning Protection & Modelling; Electromagnetic Fields in Power Engineering and its Computation; Electrical Grounding; General High Voltage Engineering; Modelling of winding for High Frequency Transients

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26.	Mishra, Santanu Kumar	1977	Power Electronics Converter Design, Renewable Energy Conversion, Control of power converters, EV Chargers
27.	Mishra, Sukumar	1970	Power System Control; Power Quality
28.	Murthy, SS	1946	Electrical Machines, Power Electronics, Drives, Renewable Energy, Engineering Education
29.	Nagabhushana, GR	1942	Lightening Simulation and Protection, Electrical Insulation
30.	Padhy, NP	1969	Power System Economics; Network Pricing
31.	Padiyar, KR	1941	Electrical Power Systems, Power Electronics
32.	Panigrahi, BK	1968	Power System Planning and Operation; Machine Intelligence
33.	Parthasarathy, K	1936	Computer based Protection and Control, EMS Applications
34.	Pradhan, Ashok Kumar	1967	Power System
35.	Ramanarayanan, V	1948	Power Electronics, Switched Mode Power Conversion
36.	Rao, GP	1942	Electrical Engineering, Systems and Control
37.	Samantaray, Subhransu Ranjan	1976	Power System Protection, PMU and WAMs, Smart Grid
38.	Sarathi, R	1967	High voltage Engineering; Nano Composites
39.	Sastry, VV	1941	Object Oriented Modelling, Power Electronics & Electric Drives
40.	Singh, Bhim	1956	Power Electronics, Electrical Machines
41.	Singh, BP	1940	Machines and Drives; Energy Systems
42.	Singh, SN	1966	Power System Operation & Control; Smart Grid, HVDC & FACTS, AI Application
43.	Soman, SA	1967	Power Systems
44.	Srivastava, SC	1955	Electrical Engineering, Power Systems
45.	Subudhi, Bidyadhar	1963	System & Control, Microgrid and PV System Control
46.	Suryawanshi, HM	1963	Power Electronics and Power Systems
47.	Umanand, L.	1964	Renewable energy systems; Power conversion

### **R&D**

S.No.	Name	Year of birth	Specialization
1.	Badapanda, M Kumar	1966	Power electronics and control system, High power RF system, High voltage DC and pulsed power supplies
2.	Borkar, VS	1954	Stochastic Control and Adaptive Algorithms

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3.	Govindarajan, G	1944	Control System Engineering
4.	Pramanik, Ashutosh	1935	Electromagnetics
5.	Ramamoorthy, M	1936	Power Apparatus and Systems
6.	Sharma, Archana	1964	HV, Pulsed Power, Electron accelerator, Laser and Plasma Applications for Industries
7.	Singh, Manjit	1950	Robotics & Remotely Operated Tools & Techniques for Nuclear Research & Power Reactors
8.	Tiwari, AP	1963	Linear Control Theory, Mathematical Modeling and Simulation, Nuclear Reactor Control
9.	Tongia, Rahul	1974	Sustainable Energy/Power systems, Smart Grids, Renewable Energy
10	Tripathy, AK	1948	High Voltage Engg.; Power System Studies

### **INDUSTRY**

S.No.	Name	Year of birth	Specialisation
1.	Arunachalam, M	1948	High Power Converters & Controls for HVDC & FACTS
2.	Bhandari, Mukesh	1951	Power Electronics
3.	Kumar, Ajay	1962	Electronics, Communication
4.	Nayak, RN	1955	Power System Planning, Design, Engineering, Quality Assurance & Inspection; System Operation, Communication, Load Despatch and Control
5.	Patel, JJ	1952	High Voltage Engineering
6.	Paul, Arun Kumar	1961	Component Engineering; Converter Topologies; Magnetics; Power Electronics; Robust Controller Design
7.	Sahoo, Tapan	1968	Automotive R&D, Multi-Disciplinary Product Design & Development, Hybrid/Electric Vehicles, Strategic Technology Management, Long-Term Policy Formulation
8.	Saraf, Sharad Kumar	1947	International Trade, Manufacturing Technology
9.	Shahi, RV	1945	Mechanical Engineering; Industrial Engineering
10.	Shah, Vijay Kanchanlal	1968	Electronics applications in Power Systems
11.	Singh, RP	1948	Power
12.	Soonee, SK	1956	Power System Operation; Power Market Design; Power pool Governance; Renewable integration; Entire gamut of Power System
13.	Sreekumar, K	1958	Power Electronics; Control Systems & Embedded Systems

## FOREIGN FELLOWSHIP

S.No.	Name	Specialisation
1	Bose, Anjan	1946 Electric Power Grid; Engineering Education
2	Mohan, Ned	1946 Power Electronics
3	Rajashekara, K	1951 Power Electronics, Transportation Electrification, Grid integration of Renewable Energy Sources
4	Singh, Chanan	1941 Electric Power Systems; System Reliability

## INAE YOUNG ASSOCIATES ON ROLL

S.No.	Name	Specialisation
1.	Anand, Sandeep	Power Electronics, Electric Vehicles
2.	Bhimireddy, Prathap Reddy	Multiphase Machines for Electric Vehicles and high power applications, Machine Design, Power Electronics and Multilevel Inverters
3.	Dakappa, Shakthi Prasad	High voltage engineering, Insulation Engineering, Plasma applications in Engineering, Computational Electrostatics
4.	Gajare, Swaroop Subhash	Power Systems
5.	Shah, Kushal K	Electrical Engineering (Communication Stream)
6.	Gurralla, Gurunath	Electrical power System stability and control, power system analysis, distribution system automation
7.	Haque, Nasirul	High Voltage Engineering, Electrical Insulation, Condition Monitoring of Power Equipment
8.	Hazra, Jagabondhu	Power System
9.	Hota, Ashish Ranjan	Optimization, Control, Game Theory, Networks, Stochastic Systems
10.	Jena, Manas Kumar	Power system, power system protection, power system monitoring
11.	Kamal, Shyam	Control Systems
12.	Kapat, Santanu	Control in Switching Power Converters
13.	Kaarthik, R Sudharshan	Electrical Power Systems for satellite, Electronic Systems, Renewable Energy
14.	Mohanty, Rabindra	Electric Power Systems
15.	Mohapatra, Abheejeet	Power network operation and planning & protection in the presence of renewable energy sources
16.	Patel, Amitkumar M	High Voltage Power Converters , Power Electronics
17.	Pradhan, Vedanta	Electrical power systems stability, control, protection
18.	Pramanick, Sumit Kumar	Power electronics, machine drives, high frequency power conversion, wireless power transfer
19.	Pullaguram, Deepak Reddy	Power Systems and Renewable integration