**SECTION-V**

**(*Electrical Engineering)***

**ACADEMIA**

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| --- | --- | --- | --- |
| **S.No.** | **Name** | **Year of birth** | **Specialization** |
|  | Agarwal, Vivek | 1964 | Power Electronics, Electronic Systems |
|  | Bandyopadhyay, B | 1956 | Modelling of Physical System and Control System |
|  | Banerjee, S | 1960 | Non-Linear Dynamics; Electrical Engineering |
|  | Behera, Laxmidhar | 1967 | Intelligent Systems, and Control; Robotics and Artificial Intelligence |
|  | Bhuvaneswari, G | 1965 | Power Electronics; Machines and drives |
|  | Chakraborty, Chandan | 1965 | Machine Driver; Power Electronics |
|  | Chakravorti, Sivaji | 1962 | Fault Diagnosis in High Voltage Equipment; Condition Monitoring of Large Electrical Equipment |
|  | Chatterjee, Amitava | 1968 | Instrumentation & Control; Signal & Image Processing |
|  | Dash, PK | 1941 | Energy Management, Artificial Intelligence |
|  | Datta, KB | 1939 | Control and Dynamical Systems; Electrical Machines & Power Systems |
|  | Fernandes, Baylon G | 1962 | Power Electronics; Electrical Machines |
|  | Ghosh, Arindam | 1952 | Power Systems; Control Systems |
|  | Gopakumar, K | 1956 | Power Converters; Multi Level Inverters |
|  | Kar, IN | 1966 | Control Theory and its Applications; Robotics |
|  | Khaparde, SA | 1949 | Power Systems; Smart Grids |
|  | Kothari, DP | 1944 | Power Systems; Energy Systems |
|  | Kulkarni, Anil | 1970 | Power System Dynamics and Control; HVDC Systems |
|  | Kulkarni, SV | 1967 | Electromagnetics; Transformers |
|  | Kumar, Mahesh | 1967 | Power Quality in Power Distribution Network; Distributed Generation and Microgrid Systems |
|  | Mishra, Sukumar | 1970 | Power System Control; Power Quality |
|  | Murthy, SS | 1946 | Electrical Machines, Power Electronics & Drives; Energy Systems & Renewable Energy |
|  | Nagabhushana, GR | 1942 | Lightening Simulation and Protection, Electrical Insulation |
|  | Padhy, NP | 1969 | Power System Economics; Network Pricing |
|  | Padiyar, KR | 1941 | Electrical Power Systems, Power Electronics |
|  | Pai, MA | 1931 | Power Systems : Stability, Computation and Control |
|  | Panigrahi, BK | 1968 | Power System Planning and Operation; Machine Intelligence |
|  | Parthasarathy, K | 1936 | Computer based Protection and Control, EMS Applications |
|  | Pradhan, Ashok Kumar | 1967 | Power System |
|  | Ramanarayanan, V | 1948 | Power Electronics, Switched Mode Power Conversion |
|  | Rao, GP | 1942 | Electrical Engineering, Systems and Control |
|  | Sarathi, R | 1967 | High voltage Engineering; Nano Composites |
|  | Sastry, VV | 1941 | Object Oriented Modelling, Power Electronics & Electric Drives |
|  | Singh, Bhim | 1956 | Power Electronics, Electrical Machines |
|  | Singh, BP | 1940 | Machines and Drives; Energy Systems |
|  | Singh, SN | 1966 | Power Systems Operation & Control; Smart Grid |
|  | Soman, SA | 1967 | Power Systems |
|  | Srivastava, SC | 1955 | Electrical Engineering, Power Systems |
|  | Subbayyan, R | 1925 | Electric Machines & Power Systems; Systems Engineering |
|  | Subudhi, Bidyadhar | 1963 | System & Control; Control of PV, Microgrid and underwater vehicles |
|  | Suryawanshi, HM | 1963 | Power Electronics and Drives; Power Systems |
|  | Umanand, L. | 1964 | Renewable energy systems; Power conversion |

**R&D**

|  |  |  |  |
| --- | --- | --- | --- |
|  **S.No.** | **Name** | **Year of birth** | **Specialization** |
|  | Borkar, VS | 1954 | Stochastic Control and Adaptive Algorithms |
|  | Chenulu, VCV | 1931 | Electric Traction Distribution |
|  | Govindarajan, G | 1944 | Control System Engineering |
|  | Pramanik, Ashutosh | 1935 | Electromagnetics |
|  | Ramamoorty, M | 1936 | Power Apparatus and Systems |
|  | Sharma, Archana | 1964 | High Voltage & Pulsed Power Technology; Electro-Magnetic Pulse Welding |
|  | Singh, Manjit | 1950 | Remotised Control Mechanisms & Inspection Tools; Remote Handling Tools and Robotics |
|  | Tiwari, AP | 1963 | Linear Control Theory; Modeling, Simulation & Control of Nuclear Reactors |
|  | Tripathy, AK | 1948 | High Voltage Engg.; Power System Studies |

**INDUSTRY**

|  |  |  |  |
| --- | --- | --- | --- |
|  **S.No.** | **Name** | **Year of birth** | **Specialisation** |
|  | Arunachalam, M | 1948 | High Power Converters & Controls for HVDC & FACTS |
|  | Bhandari, Mukesh | 1951 | Power Electronics |
|  | Nayak, RN | 1955 | Power System Planning, Design, Engineering, Quality Assurance & Inspection; System Operation, Communication, Load Despatch and Control |
|  | Patel, JJ | 1952 | High Voltage Engineering |
|  | Shahi, RV | 1945 | Mechanical Engineering; Industrial Engineering |
|  | Shah, Vijay Kanchanlal | 1968 | Electronics in Power System Applications; EMI-EMC Compliant Global Product Designs |
|  | Singh, RP | 1948 | Power |
|  | Soonee, SK | 1956 | Power System Operation; Power Market Design |
|  | 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 | Rajashekara, K | 1951 | Power Electronics; Electrification of Transportation |
| 3. | Singh, Chanan | 1941 | Electric Power Systems; System Reliability |

**INAE YOUNG ASSOCIATES ON ROLL**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Name** | **Specialisation** |
| 1 | Anand, Sandeep | Power Electronics |
| 2 | Arya, Sabha Raj | Power Electronics and Power Filter Technology |
| 3 | Gajare, Swaroop Subhash | Power Systems |
| 4 | Gunturi, Sarma | Communications and Signal Processing |
| 5 | Gurrala, Gurunath | Electrical power System stability and control, power system analysis, distribution system automation |
| 6 | Hazra, Jagabondhu | Power System |
| 7 | Janardhanan S | Control Engineering |
| 8 | Jena, Premalata | Power System Protection |
| 9 | Kamal, Shyam | Control Systems |
| 10 | Kapat, Santanu | Control in Switching Power Converters |
| 11 | Kaarthik, R Sudharshan | Electrical Power Systems for satellite, Electronic Systems, Renewable Energy |
| 12 | Patel, Amitkumar M | High Voltage and Power Electronics |
| 13 | Pramanick, Sumit Kumar | Power Electronics and Drives |