**SECTION-V**

**(*Electrical Engineering)***

**ACADEMIA**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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**

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| --- | --- | --- | --- | --- | --- | --- |
| **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 |