|  |
| --- |
| **SECTION-VI**  **(*Electronics and Communication Engineering)***  **ACADEMIA** |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.No.** | | | **Name** | | **Year of birth** | | **Specialisation** | |
|  | Anand, GV | | | 1943 | | Wave Propagation, Signal Processing | |
|  | Balakrishnan, M | | | 1956 | | Embedded Systems; Assistive Technology | |
|  | Balakrishnan, N | | | 1950 | | Numerical Electromagnetics Aerospace Electronics Systems | |
|  | Bharadwaj, Amrutur | | | 1969 | | Microelectronics | |
|  | Bhat, Bharathi | | | 1941 | | Microwave and Millimeter Wave Engineering | |
|  | Bhat, KN | | | 1943 | | Microelectronics | |
|  | Bhat, Navakanta | | | 1968 | | Nanoelectronics; Sensors | |
|  | Bhatnagar, Manav | | | 1976 | | Communication Engineering | |
|  | Bhattacharyya, AB | | | 1937 | | Microelectronics | |
|  | Chakraborty, M | | | 1961 | | Digital Signal Processing | |
|  | Chandra, Kailash | | | 1934 | | Electronics Instrumentation, Precision Measurement | |
|  | Chockalingam, A | | | 1962 | | Wireless Communications and Networking | |
|  | Dasgupta, Amitava | | | 1959 | | Microelectronics, MEMS | |
|  | Dasgupta, Nandita | | | 1962 | | Semiconductor Devices; VLSI Technology | |
|  | De, Swades Kumar | | | 1969 | | Communications Networks and Systems; Performance Modeling and Analysis | |
|  | Desai, UB | | | 1951 | | Signal & Image Processing, Wireless Communication | |
|  | Dutta Roy, SC | | | 1937 | | Circuits, Systems and Signal Processing | |
|  | Guha, D | | | 1963 | | Antenna Engineering; Applied Electromagnetics | |
|  | Gumaste, Ashwin | | | 1975 | | Telecommunications, Cyber Security | |
|  | Hari, KVS | | | 1962 | | Signal Processing; Communications | |
|  | Jagadesh Kumar, M | | | 1960 | | Nanoelectronics; Device Modeling & Simulation | |
|  | Jayadeva | | | 1967 | | Machine Learning; VLSI | |
|  | Jhunjhunwala, Ashok | | | 1953 | | Telematics and Computer Networking, Optical Communications | |
|  | | Kartikeyan, MV | | | 1961 | | High Power Millimeter Waves; High Frequency Circuits, Antennas and Systems | | |
|  | | Koilpillai, RD | | | 1962 | | Wireless Communications, Digital Signal Processing | | |
|  | | Kottantharayil, GA | | | 1971 | | Solar Photovoltaics; Nanoelectronics | | |
|  | | Koul, SK | | | 1954 | | Microwave and Millimeter Wave Engineering, CAD of Microwave ICs | | |
|  | | Kumar, Anurag | | | 1955 | | Communication Networks; Stochastic Modelling | | |
|  | | Kumar, PV | | | 1955 | | Algebraic Coding Theory; Wireless Communication | | |
|  | | Lahiri, SK | | | 1943 | | Microelectronics & MEMS, Integrated Optics | | |
|  | | Mahapatra, Souvik | | | 1970 | | Semiconductor Devices | | |
|  | | Manjunath, D | | | 1964 | | Telecommunication and Networking; Performance Models of Systems | | |
|  | | Mallik, RK | | | 1964 | | Communications | | |
|  | | Mehta, NB | | | 1975 | | Wireless Communications | | |
|  | | Murti, VGK | | | 1933 | | Circuits and Systems, Measurements and Instrumentation | | |
|  | | Narayanan, H | | | 1948 | | Electrical Networks, Combinatorial Optimization | | |
|  | | Panda, G | | | 1948 | | Digital Signal Processing, Soft Computing in Communication | | |
|  | | Paulraj, AJ | | | 1944 | | Wireless Communication | | |
|  | | Prasad, Surendra | | | 1948 | | Signal Processing, Communications | | |
|  | | Rajan, BS | | | 1958 | | Communication Theory; Information Theory | | |
|  | | Ramamurthi, B | | | 1959 | | Communications, Wireless Networks | | |
|  | | Ramakrishnan, AG | | | 1958 | | Human-Computer Interface Technologies; Neuroscience and Signal Processing | | |
|  | | Rao, V Ramgopal | | | 1965 | | Nanoelectronics; CMOS Devices | | |
|  | | Ray, SK | | | 1961 | | Nanoelectronics; Semiconductor Devices | | |
|  | | Reddy, VU | | | 1939 | | Signal Processing, Communications | | |
|  | | Roy, S | | | 1966 | | Nano-Photonics; Silicon, Organic and Bio Photonics | | |
|  | | Shanthi Pavan, Y | | | 1973 | | Analog Mixed Signal VLSI Design; RF and Microwave Design | | |
|  | | Sharma, Anurag | | | 1955 | | Photonics (Fibre Optics); Optical Engineering | | |
|  | | Sharma, Vinod | | | 1957 | | Wireless Communications and Networking; Information Theory | | |
|  | | Shevgaonkar, RK | | | 1954 | | Telecommunication; Radio Astronomy | | |
|  | | Shojaei Baghini, M | | | 1965 | | Sensors-Circuits-Systems; Integrated Analog/Mixed-Sign/RF Design | | |
|  | | Thyagarajan, K | | | 1952 | | Photonics; Opto-Electronics | | |
|  | | Vasi, JM | | | 1947 | | Microelectronics | | |
|  | | Vinoy, KJ | | | 1969 | | Microwave Engineering, Microelectro Mechanical Systems | | |

**R&D**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | | **Name** | **Year of birth** | **Specialisation** |
|  | Aatre, VK | | 1939 | Digital Signal Processing, Sonar System Design |
|  | Agrawal, VK | | 1953 | Electronics and Computer |
|  | Ahmad, Shamim | | 1943 | Millimeter Wave, Semiconductor Devices Technology and Physics |
|  | Ananda Mohan, PV | | 1949 | Analog VLSI Design, Cryptography |
|  | Bhatkar,VP | | 1946 | Super Computing, Artificial Inatelligence |
|  | Bimalkhedkar, S | | 1945 | Electronic Warfare and Signal Processing |
|  | Biswas, BB | | 1948 | Electronics; Nuclear Control & Safety |
|  | Calla, OPN | | 1935 | Electronics Communication |
|  | Chander, V | | 1946 | Signal Processing; Underwater Systems |
|  | Chatterjee, UK | | 1938 | Lasers, High Voltage Switching |
|  | Christopher, S | | 1955 | Air Borne Early Warning Systems; Radar Technology |
|  | Cleetus, George M | | 1943 | Digital Signal Processing, Radar Systems Engineering |
|  | Deekshatulu, BL | | 1936 | Remote Sensing, Image Processing |
|  | Kumar, C | | 1976 | Microwave Antennas; RF Communication |
|  | Kumar, D | | 1946 | Information Technology, Integrated Networks |
|  | Kumar, Lalit | | 1953 | Microwave Engineering; Vacumm Electronics Devices |
|  | Kumar, Vikram | | 1947 | Semi-conductor Physics and Technology |
|  | Muralidharan, R | | 1953 | Semiconductor Material and Device Technology |
|  | Padmanabhan, VN | | 1971 | Computer Networking; Mobile Systems |
|  | Pal, Surendra | | 1948 | Space Communications, Microwaves, Electromagnetics and Antennas |
|  | Pithawa, CK | | 1951 | Instrumentation and Control for Nuclear Reactors and for Accelerators |
|  | Ramalingam, RP | | 1946 | Embedded Systems, Software Engineering |
|  | Ramamurthy, N | | 1954 | Signal Processing; Communications |
|  | Sharma, SB | | 1947 | Electronics & Communication; Microwave Engineering |
|  | Sitaram, N | | 1946 | Military Communication, Command Control Information Systems |
|  | Varadarajan, S | | 1949 | Radar Data Processing; Radar System Engineering |

**INDUSTRY**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | | **Name** | **Year of birth** | **Specialization** |
|  | Acharya, Tinku | | 1963 | Image Processing & Computer Vision; VLSI Architecture & Algorithms |
|  | De, Aloknath | | 1962 | Mobile and Multimedia Communication; Systems-on-Chip and Embedded System |
|  | Deodhar, PS | | 1934 | Engineering Innovation, Technology for National Development |
|  | Deshpande, Vinay L | | 1947 | Digital Systems, Management of R&D |
|  | Gowtama, MV | | 1961 | Electronics Warfare |
|  | Jayasimha, Sriram | | 1957 | Multirate Digital Signal Processing, Communications Systems |
|  | Kaura, SK | | 1944 | Electronics |
|  | Kumar, N | | 1950 | Electronics |
|  | Malla Reddy, B | | 1947 | Electronics-Microwaves |
|  | Mehendale, MM | | 1963 | VLSI Architectures; Low Power VLSI Design |
|  | Nagarajan, V | | 1944 | Fibre Optics Communication, Digital Communication |
|  | Nayak, Sanjay | | 1964 | Telecommunications & Networking; Electronics and Semiconductor |
|  | Parulkar, Ishwardutt | | 1966 | Mobile Networks; Cloud Technologies |
|  | Pitroda, Satyan (Sam) G | | 1942 | Electronics and Communication Engineering |
|  | Pradhan, BD | | 1939 | Telecommunications, Electronics |
|  | Ravikumar, CP | | 1961 | VLSI Design and Test; High Performance Computing |
|  | Roy, JN | | 1957 | Microelectronics; Semiconductor; Solar Energy |
|  | Sastry, VVR | | 1949 | Telecommunications & military communications; Technology Management |
|  | Sherlekar, SD | | 1956 | Computer Science Engineering and Electronics Engineering |
|  | Shorey, Rajeev | | 1963 | Wireless Networks; Internet Protocols |
|  | Singh, Surjit | | 1941 | Communications and Radar, Computer Sciences |
|  | Sivarajan, KN | | 1965 | Communication Networks; Optical Networking |
|  | Srivastava, GP | | 1949 | Automation & Control Systems Engineering, NDE Instrumentation, Security Electronics |
|  | Venkatesh, G | | 1961 | Telecom Engineering; VLSI Design |
|  | Venkatesh, N | | 1963 | Internet of Things; Wireless LAN |
|  | Zarabi, MJ | | 1947 | Microelectronics; Physical Electronics |

**FOREIGN FELLOWSHIP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | | **Name** | **Year of birth** | **Specialization** |
|  | Baliga, B Jayant | | 1948 | Electrical Engineering; Power Electronics |
|  | Bhargava, VK | | 1948 | Wireless Communications; Digital Communications |
|  | Deen, M Jamal | | 1955 | Optoelectronics; Micro/Nano-electronics |
|  | Jagadish, Chennupati | | 1957 | Optoelectronics and Nanotechnology |
|  | Kazmerski, Lawrence Lee | | 1945 | Electrical Engineering; Solar Photovoltaics (Renewable Energy) |
|  | Kailath, Thomas | | 1935 | Signal Processing, Control, Communications |
|  | Kumar, PR | | 1952 | Control Systems; Communication Networks |
|  | Mitra, Sanjit Kumar | | 1935 | Image Processing; Digital Signal Processing |
|  | Narayanamurti, Venkatesh | | 1939 | Electrical Engineering; Materials Engineering |
|  | Netravali, Arun | | 1946 | Visual Communications, Computer Systems and Communications Sciences |
|  | Payne, David N. | | 1944 | Photonics; Fiber Lasers |
|  | Reddy, Raj | | 1937 | Computer Science and Robotics - IT Education |
|  | Seshadri, Nambi | | 1961 | Wireless Communications |
|  | Stata, Raymond S | | 1934 | Electrical Engineering, Management |

**INAE YOUNG ASSOCIATES ON ROLL**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Name** |  | **Specialization** |

|  |  |  |
| --- | --- | --- |
|  | Avasthi, Sushobhan | Photovoltaics |
|  | Bhattacharyya, Partha | MEMS based gas sensors, Microelectronics Devices. |
|  | Chaudhary, Raghvendra Kumar | RF & Microwave Engineering |
|  | Das, Samaresh | Silicon based photodetector from visible to infared wavelengths, Quantum devices for future electronics |
|  |  |  |
|  | Murali, Kota | Nano Devices and Technology |
|  | Nath, Digbijoy N | Semiconductor devices and heterostructures, gallium nitride (GaN) based high electron mobility transistors (HEMTs) and deep-UV photodetectors, gallium oxide deep-UV opto-electronics |
|  | Rajawat, Ketan | Signal Processing in Networks |
|  | Roy, Chaudhuri Chirasree | MEMS based Bio and Pressure Sensor Systems, Microelectronic Devices |
|  | Sarma, Santanu | Signal Processing |
|  | Shah, Kushal K | Electrical Engineering (Communication Stream) |
|  | Shrivastava, Mayank | Nanoelectronic Devices, Power Semiconductor and System on Chip |

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  | Singh, Jasbir | Global Navigation Satellite Systems, Automotive Radars, Automotive Safety |
|  | Sivaparkasam, Mohanasanakar | Medical devices, diagnostics and instrumentation |
|  | Supradeepa, VR | Photonics and Lasers, Optical Communications and RF Photonics |
|  | Thangaraj, Andrew | Error Control Coding, Information Theory |
|  | Tolani, Harshita | RF & Microwave Engineering |
|  | Vaze, Rahul | Wireless Communication |
|  | Vummintala, Sashidhar | Wireless Communications, Coding for Fading Channels |