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

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|  **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**

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|  **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**

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

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|  **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 |

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| --- | --- | --- |
|  |  |  |
|  | 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 |