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| **SECTION-VII**  **(*Aerospace Engineering)***  **ACADEMIA** |

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| **S.No.** | **Name** | **Year of birth** | **Specialization** |
|  | Bhat, MS | 1952 | Navigation, Guidance and Control; Smart Structures and VAV |
|  | Dattaguru, B | 1942 | Aerospace Structures, Structural Mechanics, Fracture Mechanics |
|  | Deshpande, SM | 1942 | Aerodynamics Computational Fluid Dynamics |
|  | Ganguli, Ranjan | 1967 | Helicopter Engineering; Structural Engineering |
|  | Ghose, Debasish | 1960 | Guidance and Control; Distributed Computing |
|  | Ghoshal, TK | 1945 | Control Engineering, Realtime Systems |
|  | Gopalakrishnan, S | 1960 | Smart Structures; Computational Mechanics |
|  | Hablani, HB | 1950 | Guidance, Navigation and Control of Space Flight Vehicles |
|  | Jagadeesh, G | 1966 | Hypersonic Aerothermodynamics; Shockwave Dynamics |
|  | Krishnamurty, AV | 1938 | Smart Structures, Fracture Mechanics Composites |
|  | Lakkad, SC | 1943 | Composite Materials, Structural Analysis & Design |
|  | Mahapatra, D Roy | 1974 | Aerospace Structures; NDT and Structural Health Monitoring |
|  | Mahapatra, PR | 1947 | Aerospace Systems, Radar & Electronics Systems |
|  | Mathew, Joseph | 1961 | Fluid dynamics; Turbulence |
|  | Mittal, Sanjay | 1968 | Unsteady Aerodynamics; Computational Fluid Mechanics |
|  | Mukunda, HS | 1943 | Combustion Aerodynamics, Bio-residue for Energy |
|  | Naik, NK | 1944 | Polymer Matrix Composites; Aerospace Technology |
|  | Padhi, R | 1972 | Guidance and Control of Aerospace & Autonomous Vehicles; Control System Design for Biomedical Applications |
|  | Prabhakara Rao, K | 1939 | Aerospace Structures, Composites |
|  | Raghunandan, BN | 1949 | Aerospace Propulsion; Combustion |
|  | Ramaswamy, MA | 1936 | Aerospace Engineering, Aerodynamics |
|  | Sudhakar, Krishnarao | 1948 | Systems Design; Flight Mechanics |
|  | Sujith, RI | 1967 | Combustion Instability; Optical Flow Diagnostics |
|  | Suryanarayan, S | 1946 | Aeroelasticity; Structural Dynamics |
|  | Swamy, MS | 1939 | Aircraft Design & Development, Wind Tunnel and Flight Testing |
|  | Venkatesan, C | 1950 | Helicopter Dynamics and Aeroelasticity; Smart Structures |
|  | Venkateswara Rao, G | 1944 | Structural Mech.; Finite Element Method |

**R&D**

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| **S.No.** | | **Name** | **Year of birth** | **Specialization** |
|  | Adimurthy, V | | 1946 | Aerospace Dynamics, Multi Disciplinary Optimization |
|  | Agarwal, RN | | 1941 | Aero-Missiles, Re-entry |
|  | Alex,TK | | 1948 | Aerospace Engineering, Electro-optics |
|  | Ayyappan, G | | 1960 | Liquid Propulsion Rocket Technology; Sytem Engineering & Launch Vehicle Project Management |
|  | Chakraborty, Debasis | | 1959 | Computational Fluid Dynamics; Turbulent Reacting Flows |
|  | Chander, Avinash | | 1950 | Missiles; Guidance and Navigation |
|  | Chandrasekhar, MG | | 1949 | Satellite Technology; Space System Operations |
|  | Chaudhuri, SK | | 1949 | Flight Control and Guidance System; Hardware-In-Loop-Simulation (HILS) and Real Time Embedded System |
|  | Chetty, S | | 1954 | Flight Dynamics; Flight Control |
|  | Dhekane, MV | | 1957 | Launch Vehicle-Guidance Navigation Control; Space Transportation System-Mission Design Analysis & Validation |
|  | Goel, PS | | 1947 | Spacecraft Altitude Control, Space Technology |
|  | Jayaraman, J | | 1940 | Mechanical Engineering Systems, Airframe Design |
|  | Joseph, George | | 1938 | Earth Observation Technology, Remote Sensing |
|  | Kadam, NV | | 1944 | Flight Control System Design, Trajectory Simulation |
|  | Kalyanaraman, S | | 1942 | Remote Sensing Technology, Electronics & Communication |
|  | Kasturirangan, K | | 1940 | High Energy Astronomy & Satellite Technology |
|  | Katti, VR | | 1946 | Satellite Technology; Electro Magnetic Compatibility |
|  | Kota, Harinarayana | | 1943 | Aircraft Design; Technology Management |
|  | Kunhikrishnan, P | | 1961 | Satellite Launch Vehicle Technology & Project Management; Launch Vehicle Avionics Systems |
|  | Lalithambika, VR | | 1962 | Control Engineering; Human Spaceflight |
|  | Misra, Tapan | | 1961 | SAR Design & Development; SAR Processing Algorithm; Design and Software Development |
|  | Mohan Lal , PP | | 1954 | Navigation Systems and Sensors; Computational Intelligence and Control |
|  | Muthunayagam, AE | | 1939 | Propulsion and Heat Transfer |
|  | Nagappa, R | | 1941 | Rocket Propulsion |
|  | Nair, GM | | 1943 | Launch Vehicle Systems Engg., R&D Management |
|  | Narayana Murthy, BHVS | | 1963 | Embedded Computers; Navigation Systems |
|  | Narayanan, KG | | 1942 | Microwave Engineering, Avionics Systems |
|  | Narayanan, V | | 1964 | Development of Cryogenic & Semi-Cryogenic Rocket Propulsion; Project Management for Cryostage Realisation |
|  | Nayak, J | | 1968 | Inertial Navigation Sensors & System ; Directed Energy Weapon System |
|  | Pandian, S | | 1959 | Aerodynamics; Propulsion |
|  | Patki, AV | | 1943 | Aerospace Engineering, Structural Mechanics |
|  | Perumal, RV | | 1943 | Design & Testing of Aerospace Structures, Project Management |
|  | Prahlad, TS | | 1940 | Aerodynamics, Aerospace Design |
|  | Prahlada | | 1947 | Aeronautics, Management |
|  | Radhakrishnan, K | | 1949 | Space Transportation System; Human Spaceflight |
|  | Raja, Samikkannu | | 1966 | Aeroelasticity/Structural Dynamics; Adaptive Structures |
|  | Rajan, YS | | 1943 | Space Technology, Technology Management |
|  | Raju, KN | | 1936 | Fatigue and Fracture Mechanics of Aircraft Materials and Structures |
|  | Ramakrishnan, S | | 1949 | Aerospace Propulsion; Launch Vehicle Engineering |
|  | Reddy, G Satheesh | | 1963 | Missiles and Aerospace Systems |
|  | Saraswat, VK | | 1949 | Rocket Propulsion, Combustion, Aerospace Engineering |
|  | Sinha, UN | | 1947 | Parallel Computers, Fluid Mechanics |
|  | Sivan, K | | 1957 | Integrated Mission Design and Analysis; Guidance System Design |
|  | Sivathanu Pillai, A | | 1947 | Aerospace Engineering; Missile Technology |
|  | Somanath, S | | 1963 | Launch Vehicles Systems Engineering; Structural Design/Analysis |
|  | Subba Rao, M | | 1946 | Composite Structures |
|  | Subramanyam, PS | | 1950 | Design & Development of avionics & flight control system for combat aircraft |
|  | Sundaram, VJ | | 1935 | Aerospace Structures, Missile Technology |
|  | Suresh, BN | | 1943 | Control and Guidance of Launch Vehicles |
|  | Suresh, MS | | 1964 | Turbomachines; Cryogenic Rocket Engines |
|  | Tamilmani, K | | 1952 | Aeronautics; Airworthiness & Certification |
|  | Thomas, Tessy | | 1963 | Missile Guidance; Mission Design |
|  | Upadhya, AR | | 1949 | Developing techniques and methodology for aerospace vehicle design; Management of Aerospace R&D & aircraft development programme |
|  | Veeraraghavan, PS | | 1948 | Design and Development of Satellite Launch Vehicles; and Inertial Systems for Launch Vehicles and Spacecrafts |
|  | Venugopalan, P | | 1948 | Rocket Propulsion, Missile System Engineering |
|  | Venkatakrishnan, L | | 1967 | Aerodynamics; Aeroacoustics |
|  | Yegnanarayan, K | | 1947 | Aerodynamics; Aircraft Design, Development & Production |

**INDUSTRY**

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| **S.No.** | **Name** | **Year of birth** | **Specialization** |
| 1 | Suvarna Raju, T. | 1958 | Aerospace & Aviation (Defence); Manufacturing |

**FOREIGN FELLOWSHIP**

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| --- | --- | --- | --- |
| **S.No.** | **Name** | **Year of birth** | **Specialization** |
| 1. | Atluri, SN | 1945 | Aerospace Engineering, Computational Mechanics |

**INAE YOUNG ASSOCIATES ON ROLL**

|  |  |  |
| --- | --- | --- |
|  | Banerjee, Arup | Design and Development of Camera Heads for Space borne payloads |
|  | Karmarkar, Sourabh | Design, development & analysis of liquid propulsion Stage Systems |
|  | Kumar, Sudarshan | Combustion and Propulsion, Aerospace Engineering |
|  | Mariappan, Sathesh | Aerospace Propulsion |
|  | Mitra, Mira | Aerospace Structures. |
|  | Narendar, S | Thermo-Structural Testing and Wave Propagation in Nanostructures |
|  | Padwal, Manisha B | Propulsion: Atomization and Combustion |
|  | Sitara, Brajnish | Inertial navigation |
|  | Thammisetty, Devakumar | Liquid propellant rocket engine systems modeling and system engineering |