

FELLOWSHIP – ENGINEERING SECTIONS

SECTION-I (Civil Engineering)

ACADEMIA

S.No.	Name	Year of birth	Specialization
1.	Arora, Manoj Kumar	1963	Geospatial Technologies, Digital Image Classification, Machine Learning, Land Cover Mapping, Hazard and Risk Studies
2.	Aswatha Narayana, PA	1940	Fluid Mechanics, Non-Conventional Energy
3.	Bhattacharya, B	1968	Nanomechanics; Probabilistic Mechanics
4.	Bhattacharyya, SK	1957	Fluid-Structure Interactions; Structural Engineering
5.	Chakraborty, Subrata	1969	Structural Engineering, Uncertainty quantification, Vibration Analysis
6.	Chandrashekhara, K	1934	Structural Mechanics including Experimental Mechanics
7.	Chaturvedi, MC	1925	Water Resources, Environmental Systems
8.	Chauhan, HS	1936	Irrigation & Drainage Engineering, Agricultural Engineering
9.	Chawla, AS	1935	Ground Water, Irrigation Water Management
10.	Choudhury, Deepankar	1974	Geotechnical Earthquake Engineering; Foundation Engineering; Disaster Management; Computational Geomechanics, Dynamics
11.	Datta, TK	1944	Structural Dynamics, Offshore Engineering
12.	Dayaratnam, P	1932	Structural Engineering, Prestressed Concrete Structures
13.	Deo, MC	1954	Civil Engineering; Ocean Engineering
14.	Dey, Subhasish	1958	Hydrodynamics, Fluvial Hydraulics
15.	Gali, Madhavi Latha	1969	Geotechnical Engineering, Rock Engineering, Sustainable Technologies
16.	Ghangrekar, MM	1969	Environmental Engineering, Wastewater Treatment
17.	Ghosh, Subimal	1979	Hydrometeorology, Water and Climate
18.	Gettu, R	1962	Concrete Technology; Structural Engineering; Sustainability Assessment
19.	Gupta, Ashok Kumar	1969	Water Treatment, Wastewater Management and Reuse; 2. Smart Water Supply System
20.	Gupta, VK	1962	Stochastic Earthquake Engineering
21.	Iyengar, RN	1943	Structural Dynamics, Disaster Mitigation

S.No.	Name	Year of birth	Specialization
22.	Jain, Sudhir K	1959	Earthquake Engineering, Structural Engineering
23.	Kant, T	1946	Computational Structural Mechanics; Mechanics of Polymer Composite Laminates
24.	Kapuria, S	1968	Smart Structures; Computational Structural Mechanics
25.	Kaushik, SK	1944	Structural Engineering; Cement Composites
26.	Khanna, SK	1932	Transportation Engineering
27.	Krishna, Prem	1938	Structural Engineering, Wind Engineering, Long Span Structure
28.	Lakshmana Gowda, BH	1942	Fluid Mechanics
29.	Madhav, MR	1940	Geotechnical and Ground Engineering
30.	Sahoo, Dipti Ranjan	1978	Structural Engineering; Earthquake Engineering
31.	Santhanam, Manu	1973	Cementitious materials chemistry and characterization, Special concrete and durability
32.	Matsagar, Vasant	1976	Structural Engineering, Multi-Hazard Protective Structures, Life-Cycle Structural Safety under Accidental/Manmade and Natural Hazards, e.g., Blast, Fire, Wind, and Earthquake, Computational Frameworks for Designing Resilient Infrastructure with Advanced Engineered Materials
33.	Mohan, S	1959	Environmental Engineering; Water Resources Engineering
34.	Mujumdar, PP	1958	Water Resources Engineering; Hydrologic Impacts of Climate Change
35.	Mukherjee, Abhijit	1959	Structural Engineering; Structural Rehabilitation & Retrofits
36.	Murty, CVR	1963	Earthquake Engineering; Structural Engineering
37.	Nambi, Indumathi M	1971	Environmental engineering , Ground water contamination, Solid waste management, water and wastewater, ECOSTARTUPS
38.	Narasimhan, S	1930	Fluid Mechanics, Water Resources, Hydraulic Engineering
39.	Ojha, CSP	1962	Water Resource Management, Environmental Engineering, Environmental Hydraulics, Geo-Environmental Engineering
40.	Philip, Ligy	1968	Environmental Engineering; Civil Engineering
41.	Rai, Durgesh C	1966	Earthquake Engineering
42.	Rajasekaran, S	1942	Structural Engineering, Artificial Intelligence

S.No.	Name	Year of birth	Specialization
43.	Raju, VS	1940	Geotechnical Engineering, Ocean Energy
44.	Ramakrishnan, CV	1943	Computational Mechanics, Structural Mechanics
45.	Ranga Raju, KG	1942	Fluvial Hydraulics, Hydrometry, Disturbed Boundary Layers
46.	Rao, GV	1945	Geotechnical Engineering, Geosynthetics in Civil Engineering, Ground Improvement
47.	Roy, Debasish	1967	Computational Solid Mechanics; Stochastic Structural Dynamics
48.	Sharma, Mukesh	1959	Air Quality and Pollution Control; Environmental Engineering
49.	Sikdar, PK	1947	Traffic Engineering, Transport Planning, Road Safety
50.	Singh, DN	1965	Soil Mechanics & Foundation Engineering, Environmental Geomechanics
51.	Sitharam, TG	1961	Geotechnical and infrastructure engineering; Seismic Microzonation, Soil effects, earthquake engineering
52.	Sridharan, A	1937	Environmental Geotechnique, Flyash Engineering
53.	Subba Rao, KS	1941	Soil Mechanics, Foundation Engineering
54.	Subramaniam, KVL	1972	Structural Engineering, Mechanics and Concrete Technology
55.	Sundaravadivelu, R.	1955	Ocean Structures; Port & Harbour Structures
56.	Sundar, V	1953	Coastal Engineering; Wave Structure Interaction
57.	Swamee, PK	1940	Water Resources Engineering; Fluid Mechanics
58.	Thakkar, SK	1941	Structural Dynamics, Earthquake Engineering
59.	Tripathi, SN	1971	Climate Change, Air Quality, Nuclear Safety, Sustainable Urban Spaces

R&D

S.No.	Name	Year of birth	Specialization
1.	Agnihotri, VK	1940	Civil Engineering, Railways
2.	Arunachalam, S	1957	Civil Engineering; Wind Engineering
3.	Basu, PC	1951	Earthquake Engineering; Concrete Mechanics
4.	Bhandari, RK	1941	Geotechnical Engineering
5.	Chitale, MA	1934	Water Resources Development & Management
6.	Dhir, MP	1935	Highway Engineering, Geotechnical Engineering
7.	Gopalakrishnan, M	1943	Water Resources Development and Management Dams, Hydropower, Irrigation

S.No.	Name	Year of birth	Specialization
8.	Gupta, SK	1949	Irrigation and Drainage Engineering; Ground Water Resource Utilization
9.	Kamra, SK	1954	Subsurface Drainage; Groundwater Recharge
10.	Koteswara Rao, PC	1940	Design of Nuclear Civil Structures, Construction Management and Special Shielding Concretes
11.	Narayanan, Anandavalli	1970	Civil Engineering; Structural Engineering
12.	Rajaram, B	1945	Structures
13.	Sasmal, Saptarshi	1976	Structural Health Monitoring (SHM); Nonlinear Ultrasonics; Acoustic Emission; Digital Twin/AI and ML/ Cyber Physical Systems for NDE & SHM; Wave Propagation in Heterogeneous Medium; Nano and Micro Mechanics; Meta, Smart and Multi-functional Materials; Indigenously developed sensors
14.	Sharda, VN	1954	Soil and Water Conservation Engineering; Watershed Management
15.	Sharma, VC	1954	Construction Technology/Management, Railway Technology
16.	Singh, SR	1942	Irrigation and Drainage Engineering, Agricultural Engineering
17.	Tarapore, ZS	1933	Hydraulics and Sediment Transport
18.	Thatte, CD	1935	Water Resources Development & Management, Geotechnical Engineering
19.	Tyagi, NK	1947	Agricultural Water Management, Land Reclamation and Use of Poor-Quality Waters, Climate Smart Agriculture, Irrigation Command Area Development

INDUSTRY

S.No.	Name	Year of birth	Specialization
1.	Bhowmick, Alok	1959	Bridge Engineering; Structural Engineering
2.	Bongirwar, PL	1945	Structurally efficient affordable elliptical spillway to convert Bridge as storage structure Cost effective design of small bridges and culvert

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3.	Chakraborty, SS	1937	Expressways, Bridges, Resources Management
4.	Chowdhury, S	1954	Cement and Concrete Technology, Utilization of Industrial Waste
5.	Dharap, VM	1937	Development and design of construction techniques for bridges, dams, tunnels, power stations, high rise structures, etc and Contract Management of projects
6.	Heggade, VN	1962	Structural, Construction Engineering and Management
7.	Madan, MM	1954	Hydropower, Pumped Storage Plants, Underground space technology, Tunnels(Hydro, Highway, Metro)
8.	Narain, Jagdish	1937	Advance Construction Management
9.	Narayanan, Subramanian	1951	Structural Engineering, Design of Steel and RC Structures
10.	Raghavan, N	1949	Civil Structural Engineering, Design & Construction, Lean Construction, Project Management, Construction Methods
11.	Rangaswami, KV	1944	Civil Engineering/Construction
12.	Rao, PS	1936	Concrete Structure; Steel Structures
13.	Roy, BC	1944	Structural Engineering; Transit Structures
14.	Sheth, Alpa	1963	Tall Building Design, Seismic Safety Policy development, Advocacy for disaster risk reduction, Developing seismic, cyclone and tall building codes for Bureau of Indian Standards (BIS)
15.	Singh, Mangu	1955	Urban Transport, Metro, Railway, Infrastructure, Tunneling, Underground Construction
16.	Sreedharan, E	1932	Railway Construction, General Administration
17.	Subrahmanyam, SN	1960	Civil Engineering; Construction Management
18.	Sudhir Chandra, BS	1943	Project Planning & Management; Construction of Bridges, Railway Track and Maintenance
19.	Tandon, MC	1941	Elevated & Underground Metro Structures, Long Span Bridges, Long Span Roofs
20.	Varangaonkar, RD	1943	Contracts Management; Construction of Hydroelectric Projects

FOREIGN FELLOWSHIP

S.No.	Name	Year of birth	Specialization
1.	Badoux, John C	1935	Structural Engineering Analysis and Design
2.	Banthia, Nemkumar	1959	Structural Engineering; Materials Science
3.	Bažant, ZP	1937	Structural Engineering (esp. concrete); Mechanics of materials and Structures
4.	Desai, CS	1936	Constitutive modeling of engineering materials; Computational Mechanics
5.	Gamage, RNP	1968	Civil Engineering, Geomechanics, Mining and Energy Extraction
6.	Kareem, Ahsan	1947	Structural Engineering; Wind Effects on Structures
7.	Kodur, Venkatesh Kumar	1962	Fire resistance; high performing materials; Failure investigations; AI & ML based techniques
8.	Mehta, KC	1936	Wind Engineering; Structural Engineering
9.	Morgenstern, Norbert R	1935	Civil and Environmental Engineering
10.	Schlaich, Mike (Michael) Jon	1960	Lightweight structures/renewable energy
11.	Shah, Surendra P	1936	Civil Engineering; Materials Science
12.	Spanos, Pol D	1950	Structural Dynamics; Stochastic Analysis
13.	Srinivasan, S	1933	Special Structures; Long-Span Bridges
14.	Tamura, Yukio	1946	Wind Engineering; Vibration Control
15.	Trifunac, MD	1942	Civil Engineering; Geophysics
16.	Virlogeux, Michel Paul	1946	Structural Engineering Bridges

INAE YOUNG ASSOCIATES ON ROLL

S.No.	Name	Specialisation
1.	Ali, Shaikh Faruque	Applied Mechanics, Structural Vibration, Control and Energy Harvesting
2.	Anoop Krishnan, N. M	Physics- and data-based modeling of materials
3.	Banerjee, Arnab	Non-linear mechanical metamaterials
4.	Chakraborty, Souvik	Stochastic structural mechanics, Structural reliability analysis, Machine learning, Physics-Informed deep learning, optimisation under uncertainty
5.	Dey, Tanish	Structural Engineering
6.	Dhanya, C.T	Hydrological Extremes and Hazards Modelling
7.	Ghosh, Debdutta	Heritage & Special Structure, SHM, NDT&E Earthquake Engineering, Tall Buildings, Disasters
8.	Goel, Salil	Geoinformatics, LiDAR, Estimation Theory, GNSS/INS Integration, Sensor fusion
9.	Kota, Sri Harsha	Air Quality, Climate Change, Environmental Engineering, Civil Engineering
10.	Kumar, Dr. Abhishek	Earthquake Geotechnical Engineering
11.	Mishra, Sudib Kumar	Seismic Vibration Control, Structural Health Monitoring, Smart Structures and Systems and Probabilistic Safety Assessment
12.	Pain, Anindya	Geotechnical Earthquake Engineering, Stochastic analysis of Geotechnical Structures, Landslide Research
13.	Patra, Puneet Kumar	Nanomechanics Molecular Dynamics Computational Mechanics Multiscale Modeling
14.	Singh, Surender	Pavement Material Characterization; Concrete Pavements; Recycled Aggregates
15.	Singh, Swatantra Pratap	Environmental Engineering