

SECTION-IX
(Energy Engineering)

ACADEMIA

S.No.	Name	Year of birth	Specialization
1	Bandyopadhyay, Santanu	1970	Energy Systems Optimization; Industrial Energy Conservation
2	Banerjee, Rangan	1964	Energy Systems Engineering; Energy Modelling
3	Basu, Suddhasatwa	1963	Hydrogen Energy & Fuel Cell Technology; Electrochemical Conversion & Energy Storage – battery
4	Chetal, SC	1949	Fast Breeder Reactors, Mechanical Engineering Design
5	Das, Debabrata	1953	Biohydrogen production; Biohythane production; Microbial Fuel Cell; Algal Biorefinery
6	Reddy, KS	1970	Solar Energy; Heat Transfer
7	Sharma, Pratibha	1974	Hydrogen Energy, Hydrogen storage, Metal Hydrides, Solid State Hydrogen Storage Systems
8	Venkataraman, Chandra	1963	Environmental Engineering; Climate Change

R&D

S.No.	Name	Year of birth	Specialization
1.	Agrawal, RG	1949	Design of Mechanism; Fluid Power
2.	Anand, AK	1939	Nuclear Engineering, Mechanical Engineering
3.	Bajaj, SS	1945	Nuclear Power Reactors, Nuclear Reactor Safety
4.	Bera, TK	1954	Nuclear Chemical Engineering, Chemical Vacuum Technology
5.	Bhasin, Vivek	1965	Nuclear Reactor Component Integrity; Structural Analysis and Design
6.	Bhoje,SB	1942	Fast Breeder Reactors
7.	Chatterjee, SK	1935	Nuclear Power, Nuclear Safety
8.	Chaturvedi, S	1962	Numerical Simulation of Shock waves; High-velocity impact and Pulsed Electromagnetics; High Performance Computing
9.	Gantayet, LM	1950	Inter disciplinary Technology Research and Development, Frugal Development done indigenously
10.	Ingole, SM	1964	Seismic Design; Nuclear Equipment & Piping Design; Stress Analysis; Plant Life Management
11.	Kakodkar, Anil	1943	Nuclear Reactor Technology, Structural Analysis and Design
12.	Kale, RD	1942	Sodium Technology, Centrifugal Machines
13.	Malshe, Unmesh Dattatray	1968	Reactor Components Design, Fuel Fabrication Facility & Accelerators etc

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14.	Manohar, Smitha	1964	Chemical Engineering/Back end of nuclear fuel cycle
15.	Mathur, Ajay	1958	Clean Energy – Focusing on policy and technology for energy efficiency and renewable energy
16.	Mehra, VK	1948	Reactor Design; Project Engineering
17.	Mehta, SK	1934	Safety Assessment of Nuclear Power Plant & Research Reactors; Reactor components and systems design and development
18.	Mukherjee, AB	1958	Design & development of pressure vessel, Steam Generator, Heat Exchanger etc.; Development of Manufacturing technology for Process Heat Exchanger, Pressure vessel etc.
19.	Nayak, AK	1965	Nuclear Reactor Design; Thermal Hydraulics & Safety
20.	Narayana Das, J	1949	Air independent propulsion technology for submarines, underwater acoustic stealth, passive acoustic materials
21.	Natarajan, R	1953	Nuclear Spent Fuel Reprocessing Plant Design, Operation and Management, Solvent Extraction Process and Equipment Design
22.	Nashine, BK	1963	Design of electro-magnetic Pump & Electrical Power System for sodium Loop
23.	Rajan, M	1947	Liquid Metal Technology, Safety of Nuclear Reactors
24.	Ramamurthy, VS	1942	Nuclear Physics, Atomic & Molecular Clusters & Ion Beam Applications; Science Administration
25.	Roy, SB	1956	Nuclear Chemical Engineering; High temperature Metallothermic Reduction
26.	Sanatkumar, A	1941	Mechanical Engineering, Nuclear Engineering
27.	Singh, Ram Kumar	1953	Computational & Structural Mechanics; Nuclear Power & Energy Technologies
28.	Sinha, RK	1951	Nuclear Reactor Technology; Mechanical Engineering Design
29.	Sonde, RR	1957	Simulation & Modelling; Process Design and Cascade Theory
30.	Sugilal, G.	1967	Electromagnetic processing of materials Radioactive waste management
31.	Sundaram, SM	1932	Nuclear Reactor Technology, Process Design and Development of Projects
32.	Kannan, Umasankari	1963	Nuclear Reactor Physics, Nuclear Fuel Cycle, Reactor Engineering
33.	Vasudeva Rao, PR	1953	Nuclear Fuel Cycle; Actinide Chemistry; Actinide Separations
34.	Vaze, Keshav Krishna	1950	Nuclear Engineering, Pressure Vessel & Piping
35.	Vinod, Gopika	1972	Risk & Reliability Engineering

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36.	Vyas, KN	1957	Nuclear fuel design & analysis, reactor core design, reactor system design & safety analysis
37.	Wattal, PK	1951	Reprocessing and Waste Management
38.	Yadav, RS	1952	Nuclear Engg, Structural Engg

INDUSTRY

1.	Bajaj, HL	1945	Power; Management
2.	Balasubrahmanian, AK	1961	Nuclear Power Plant Design, Development, Safety, Engineering, Procurement, Project Planning, Ageing Management, Regulatory aspects
3.	Bandyopadhyay, Bibek	1953	Solar Energy; Energy Policy
4.	Bhardwaj, SA	1949	Nuclear Energy
5.	Bindra, GS	1951	Power Plant Engg., Steam & Gas Turbines ; Energy Systems
6.	Bohra, SA	1944	Nuclear Engineering
7.	Chande, SK	1948	Nuclear Safety and Regulation; Commissioning and Operation of Nuclear Power Plants
8.	Chaturvedi, Pradeep	1946	Energy; Sustainable Development
9.	Chaudhari, Pramod M	1949	End-to-end Technology and Engineering solutions in Global Bioeconomy
10.	Chintala, Surendar	1938	Nuclear Engineering, Instrumentation & Control of Nuclear Power Plants
11.	Ganesh, Anuradda	1968	Alternate Fuels; Energy, (Bio-energy and Coal gasification)
12.	Galla, RN	1938	Lead Acid Batteries; Power Systems
13.	Jain, Shreyans K	1948	Nuclear Technology; Mechanical Engineering
14.	Jayaraj, RN	1950	Nuclear Fuel Fabrication for Thermal Research Reactors, Pressurised Heavy Water Reactors and Boiling Water Reactors, Development of Equipment Required for the Production of Nuclear Fuels
15.	Kotwal, MV	1948	Corporate Management of large conglomerate, Global business in manufacture of critical Pressure Vessels & Heat Exchangers for Process Plants; Manufacture of equipment & systems for Nuclear Power, Aerospace and Defence. Project Management, Applications of Theory of Constraints, Manufacture of Specialised Ships & submarines , Setting up greenfield manufacturing plants & facilities in India & Oman
16.	Kumar, Prabhat	1950	Nuclear Engineering; Mega Project Management
17.	Kumar, Saurabh	1967	Energy Efficiency Policy Planning and Execution

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18.	Manohar, VN	1932	Engineering Management; Infrastructure Engineering
19.	Parab, Anil V	1961	Nuclear Engineering; Manufacturing
20.	Rama Mohan, N	1964	Mechanical Engineering/Design, Procurement Equipments for Nuclear Power Plant
21.	Rao, Bontha Prasada	1954	Technology Management; Manufacturing; Power Sector
22.	Saibaba, N	1954	Nuclear Fuel Fabrication for Thermal Reactors and Pressurized Heavy Water Reactors
23.	Sharma, VK	1941	Reactor Process Design, Project Management & Execution
24.	Srinivasulu, A	1939	Power Sector and Manufacturing
25.	Sinha, Sumant	1965	Energy Engineering
26.	Unnikrishnan, MS	1960	Energy

FOREIGN FELLOWSHP

S.No.	Name	Year of birth	Specialization
1	Prof. JP Holdren	1944	Energy Technology; Climate Change
2	Dr. Arun Majumdar	1963	Energy and Climate; Nanoscale Science and Engineering

INAE YOUNG ASSOCIATES ON ROLL

S.No.	Name	Specialization
1	Parida, Kaushik	Wearable electronics, Stretchable & self-healing electronics, Piezoelectric, Nanogenerator, Electronic-skin
2	Shukla, Rohit	Pulsed Power, Plasma Science and Nuclear Science