

**SECTION-II**  
**(Computer Engineering and Information Technology)**

**ACADEMIA**

<b>S.No.</b>	<b>Name</b>	<b>Year of birth</b>	<b>Specialization</b>
1.	Agrawal, Manindra	1966	Complexity Theory; Computational Number Theory
2.	Balasubramanian, Vineeth N	1978	Deep Learning, Computer Vision, Explainable AI, Causal Reasoning, Continual Learning
3.	Bandyopadhyay, Sanghamitra	1968	Machine Learning, Computational Biology, Evolutionary Computation, Multiobjective Optimization
4.	Basu, Anupam	1957	Computational Cognitive Science, Assistive Technology, Language Processing,
5.	Bhatnagar, Shalabh	1968	Simulation based optimization; Stochastic control
6.	Bhattacharya, BB	1953	VLSI Design and Test, Microfluidic Lab-on-Chip, Image Processing
7.	Bhattacharyya, C	1970	Machine Learning; Mathematical Programming
8.	Bhattacharyya, Pushpak	1962	Natural Language Processing, Machine Learning
9.	Chakrabarti, PP	1962	Computer Science & Engineering, CAD for VLSI
10.	Chakrabarti, Soumen	1969	Web Search and Mining; Information Retrieval
11.	Chakraborty, S	1971	Formal Verification; Constrained Sampling and Counting
12.	Chanda, B	1957	Digital Image Processing and Analysis; Information Technology
13.	Chandran, L Sunil	1974	Graph Theory; Theoretical Computer Science
14.	Chaudhuri, BB	1950	Image Processing and Pattern Recognition
15.	Chaudhuri, Subhasis	1963	Computer Vision, Haptics and Machine Learning
16.	Chaudhury, Santanu	1961	Computer Vision; Machine Intelligence
17.	Dasgupta, Pallab	1967	Electronic Design Automation; Artificial Intelligence
18.	Ganguly, Niloy	1969	Social Computing; Network Science

S.No.	Name	Year of birth	Specialization
19.	Garain, Utpal	1972	Language processing, Artificial Intelligence, Machine Learning, Medical Image Processing, OCR
20.	Garg, N	1971	Algorithms; Optimization
21.	Haritsa, JR	1964	Database Systems
22.	Jalote, Pankaj	1960	Computer Science, Software Engineering
23.	Jawahar, CV	1970	Computer Vision; Machine Learning
24.	Konar, Amit	1963	Artificial Intelligence, Brain-Computer Interfacing
25.	Kumar, Amit	1976	Theoretical Computer Science
26.	Krishna, Madhava	1974	Robotic Vision, Mobile Robotics, Self Driving and Drones, Learning and Manipulation
27.	Krithivasan, Kamala	1948	Theoretical Computer Science; Formal Languages and Automata
28.	Kundu, MK	1948	Computer Vision, Computational Intelligence & Machine learning, Image retrieval, Video analysis
29.	Majumdar, AK	1948	Knowledgebase and Database Management Systems
30.	Maulik, Ujjwal	1965	Evolutionary Computing and Data Mining; Computational Biology
31.	Mausam	1979	Artificial intelligence, Natural language processing
32.	Misra, Sudip	1977	Internet of Things, Wireless Sensor Networks, AI/ML applications
33.	Mitra, Sushmita	1962	Machine learning, data science, medical image analytics, soft computing, artificial intelligence
34.	Mukhopadhyay, Debdeep	1977	Hardware Security, Design Automation, Cryptographic Engineering, Cryptography, VLSI
35.	Mukhopadhyay, J	1963	Image Processing; Medical Informatics
36.	Murthy, CSR	1960	Parallel & Distributed Computing, Computer Networks
37.	Murthy, Hema A.	1958	Signal Processing for speech, music, network data, brain signals; Machine Learning
38.	Murty, MN	1954	Pattern Recognition; Data Mining
39.	Nandi, Sukumar	1962	Computer Networks; Information Security

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40.	Narahari, Y	1959	Electronic Commerce; Supply Chain Management
41.	Natarajan, Vijay	1977	Scientific Visualization; Computational Topology
42.	Narayanan, PJ	1963	Computer Vision; Computer Graphics
43.	Pal Chaudhuri, P	1941	Computer Science and Engineering
44.	Pal, NR	1959	Soft Computing, Pattern Recognition
45.	Pal, SK	1950	Soft Computing, Pattern Recognition, Image Processing, Machine Intelligence, Deep Learning
46.	Pal, Umapada	1964	Computer Vision and Pattern Recognition including Digital document analysis, Camera/video text processing, Biometrics, Image retrieval and spotting, Medical image analysis, Pose estimation, Image/video generation, Signature verification etc
47.	Pandu Rangan, C	1955	Algorithms; Cryptography
48.	Patnaik, LM	1946	Computer Science and Engineering, Information Technology, Electronics
49.	Rajagopalan, AN	1968	Image Processing, Computer Vision
50.	Rajaraman, V	1933	Computer Science and Engineering
51.	Ramamritham, K	1955	Real-time Systems; Database Systems
52.	Ramaswamy, Govindarajan	1961	High Performance Computer Architecture; Compilers
53.	Ravindran, B.	1972	Artificial Intelligence
54.	Roy Chowdhury, D	1963	Cellular Automata, Cryptography
55.	Sangal, Rajeev	1954	Natural Language Processing; Artificial Intelligence
56.	Sarawagi, Sunita	1969	Machine Learning; Databases
57.	Sastry, PS	1959	Machine Learning; Computational Neuroscience
58.	Saxena, Nitin	1981	Computational Algebra; Computational Number Theory; Computational Algebraic-Geometry; Algebraic Complexity; Computational Complexity; Cryptology; AI in product development
59.	Shyamasundar, RK	1950	Computer Science; Information Technology

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60.	Singh, Richa	1980	Machine Learning, Biometrics, Medical Image Analysis
61.	Sinha, BP	1952	Computer Science and Engineering
62.	Sivalingam, Krishna M	1967	Computer Networks
63.	Sudarshan, S	1965	Database Systems
64.	Sarkar, Sudeshna	1966	Natural Language Processing, Artificial Intelligence
65.	Sur-kolay, Susmita	1959	Algorithms for Physical Design Automation of ICs Synthesis of Quantum Circuits Hardware and IoT security
66.	Venkatesh, YV	1942	Computer Vision, System Theory
67.	Viswanadham, N	1943	Resilient Green Supply Chain Networks, Platform Business models --Healthcare , Agriculture
68.	Yegnanarayana, B	1944	Speech processing, artificial neural networks, digital signal processing

### **R&D**

S.No.	Name	Year of birth	Specialization
1.	Basu, D	1942	Fault Tolerant Computers, Embedded System Design
2.	Dhekne, PS	1945	Parallel Processing, Distributed Computing & Networking
3.	Gupta, Manish	1965	High Performance Computing; Compilers
4.	Kalyanaraman, Shiv	1971	Computer Networks (Wired/Wireless)
5.	Krishnapuram, Raghu	1956	Machine Learning; Text Analytics
6.	Ramesh, H	1969	Computer Science; Bioinformatics
7.	Ramesh, S	1958	Software Engineering, Modeling and Verification
8.	Varma, Manik	1977	Machine Learning; Computer Vision
9.	Vidyasagar, M	1947	Reinforcement Learning, Machine Learning, Control Theory

## **INDUSTRY**

<b>S.No.</b>	<b>Name</b>	<b>Year of birth</b>	<b>Specialization</b>
1.	Aggarwal, Bhavish	1985	Engineering, Technology, Manufacturing, Artificial Intelligence
2.	Basak, Jayanta	1965	Pattern Recognition; Neural Networks
3.	Bhagwan, Ranjita	1976	Computer Systems
4.	Bhattacharya, Suparna	1971	System software research and development including advanced data processing systems, data centric artificial intelligence, filesystems, storage systems, operating system kernels
5.	Chandok, Puneet	1978	Business Technologist, with expertise in Artificial Intelligence (AI), Cloud, Digital transformation, Analytics, Products & Platforms, IT Services and Culture of Performance & Innovation
6.	Chandru, Vijay	1953	Computational Mathematics, Decision Sciences, Computational Biology, Digital Health
7.	Chowdhry, Ajai	1950	Computer Engineering and Hardware Industry
8.	Deshpande, Anand Suresh	1962	Computer Science Entrepreneurship
9.	Dey, Lipika	1960	Computer Science and Engineering
10.	Gopalakrishnan, Senapathy	1955	Physics; Computer Science
11.	Gopinathan, Rajesh	1971	Computer Engineering and Information Technology
12.	Jain, Prateek	1983	Machine Learning, Statistical Learning Theory
13.	Krishnaswami, Ananth Krishnan	1963	Information Technology, Research and innovation, Corporate and Board Leadership
14.	Kulkarni, VV	1966	Digital Twins, Modelling & Simulation, Artificial Intelligence, Software Engineering,
15.	Manjunath, Geetha	1967	Artificial Intelligence, Machine Learning, Semantic Analysis, Cloud Computing
16.	Mitra, Biswadip	1965	Electronic Systems; Semiconductor Design
17.	Mitta, Sridhar	1946	Computers, Communications
18.	Narayan, Shantanu	1963	Electronics Engineering, Computer Science, Leadership, Business Strategy, Innovation
19.	Nadella, Satya	1967	Computer software Industry
20.	Narayana Murthy, NR	1946	Computer Software; Performance Engineering
21.	Nilekani, Nandan	1955	Information Technology; Public Policy and Technology
22.	Pal, Pratik		Electronics and Telecommunication

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23.	Pawar, RS	1951	Entrepreneurship, Education and Technology
24.	Ramadorai, S	1944	Software Engineering, Technology Management
25.	Ramani, S	1939	Computer Networks; Software Technology
26.	Rao, AL	1948	Software Engineering; Datacom & Telecom Technologies
27.	Rao, PVS	1936	Natural Language Processing, Speech Recognition
28.	Rajamani, Sriram K	1970	Computer Science; Computer Engineering
29.	Ramjee, Ramachandran	1971	Computer Systems
30.	Rastogi, Rajeev	1967	Machine Learning; Data Mining
31.	Shroff, Gautam	1964	Computer Science
32.	Soota, Ashok	1942	Information Technology, Business Leadership
33.	Subramoney, S.	1973	Computer Architecture/Hardware, Managed Runtimes, Application Tuning and Optimization
34.	Talukdar, Partha Pratim	1981	Natural Language Processing, Machine Learning, Artificial Intelligence
35.	Vin, HM	1966	Information Technology; Complex Systems

### **FOREIGN FELLOWSHIP**

<b>S.No.</b>	<b>Name</b>	<b>Year of birth</b>	<b>Specialization</b>
1.	Agrawal, Rakesh	1954	Computer and Information Technology
2.	Bovik, Alan C.	1958	Image processing, video quality, visual neuroscience
3.	Ramalingam, Chellappa	1953	Artificial intelligence, computer vision, image processing, machine learning, pattern recognition
4.	Jain, Anil Kumar	1948	Pattern Recognition; Biometric Recognition
5.	Khosla, Pradeep K	1957	Computer Science, Technology Policy
6.	Mehlhorn, Kurt	1949	Computer Science
7.	Mohan, C	1955	Computer Science
8.	Nayar, Shree K	1963	Computational Imaging, Computer Vision, Artificial Intelligence
9.	Pichai, Sundar	1972	Information Technology, Artificial Intelligence and Computing
10.	Raghavan, Prabhakar	1960	Computer Science; Internet
11.	Zisserman, Andrew	1957	Computer Vision

## INAE YOUNG ASSOCIATES ON ROLL

S.No.	Name	Year of birth	Specialization
1.	Barman, Siddharth		Algorithmic Game Theory and Approximation Algorithms
2.	Baranwal, Mayank		Optimization, Control, Deep Learning, Network Systems
3.	Bhattacharyya, Malay		Computation for Social Good, Computational Healthcare
4.	Chakraborty, Abhijnan		Artificial Intelligence, Social Computing
5.	Chakraborty, Sandip		Computer Systems and Ubiquitous Computing
6.	Das, Swagatam		Computer Science and Information Technologies
7.	De, Abir		Machine Learning, Artificial Intelligence & Complex Networks
8.	Dey, Palasah		Game Theory, Algorithms, Theoretical Computer Science, Artificial Intelligence
9.	Goyal, Pawan		Natural Language Processing
10.	Hazra, Aritra		Formal Methods, Design Verification, EDA, VLSI CAD, AI/ML
11.	Jyothi, Preethi		Machine Learning, Artificial Intelligence, Speech and Natural Language Processing
12.	Krishnaswamy, Ravishankar		Design and analysis of algorithms for fundamental optimization problems
13.	Malhotra, Pankaj		Time Series Modeling Recommender Systems Industrial IoT Sensor Data Analytics
14.	Misra, Neeldhara		Theoretical Computer Science; Algorithm Design
15.	Nambi, Akshay		IoT, Edge Computing, AI for Social Good, Sustainability, Mobile systems and Networking
16.	Obbattu, Sai Lakshmi Bhavana		Cryptography and Privacy Preserving Secure Computation
17.	Padmanabhan, Deepak		Politics of AI; Political Economy of AI; AI Ethics
18.	Patra, Arpita		Cryptography
19.	Patranabis, Sikhar		Cryptography and Security
20.	Saha, Chandan		Computational Complexity Theory and Algorithms
21.	Uday Kumar Reddy B		Compilers for multicore processors, Domain-specific languages and compilers, Automatic parallelization, Parallel and high-performance computing