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| **SECTION-II**  **(*Computer Engineering and Information Technology)***  **ACADEMIA** | | | |
| **S.No.** | **Name** | **Year of birth** | **Specialization** |

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| --- | --- | --- | --- | --- |
|  | Agrawal, Manindra | | 1966 | Complexity Theory; Computational Number Theory |
|  | Bandyopadhyay, Sanghamitra | | 1968 | Evolutionary Pattern Recognition; Bioinformatics |
|  | Basu, Anupam | | 1957 | Embedded Systems, Intelligent Sytems |
|  | Bhatnagar, Shalabh | | 1968 | Simulation based optimization; Stochastic control |
|  | Bhattacharya, BB | | 1953 | Logic Synthesis and Testing, VLSI Design |
|  | Bhattacharyya, C | | 1970 | Machine Learning; Mathematical Programming |
|  | Bhattacharyya, Pushpak | | 1962 | Natural Language Processing, Machine Learning |
|  | Chakrabarti, PP | | 1962 | Computer Science & Engineering, CAD for VLSI |
|  | Chakrabarti, Soumen | | 1969 | Web Search and Mining; Information Retrievel |
|  | Chakraborty, S | | 1971 | Formal Verification; Constrained Sampling and Counting |
|  | Chanda, B | | 1957 | Digital Image Processing and Analysis; Information Technology |
|  | Chandran, L Sunil | | 1974 | Graph Theory; Theoretical Computer Science |
|  | Chaudhuri, BB | | 1950 | Image Processing and Pattern Recognition |
| **S.No.** | | **Name** | **Year of birth** | **Specialization** |
|  | Chaudhuri, Subhasis | | 1963 | Computer Vision, Multimedia |
|  | Chaudhury, Santanu | | 1961 | Computer Vision; Machine Intelligence |
|  | Dasgupta, Pallab | | 1967 | Electronic Design Automation; Artificial Intelligence |
|  | Ganguly, Niloy | | 1969 | Social Computing; Network Science |
|  | Garg, N | | 1971 | Algorithms; Optimization |
|  | Haritsa, JR | | 1964 | Database Systems; Data Mining |
|  | Jalote, Pankaj | | 1960 | Computer Science, Software Engineering |
|  | Jawahar, CV | | 1970 | Computer Vision; Machine Learning |
|  | Konar, Amit | | 1963 | Artificial Intelligence, Brain-Computer Interfacing |
|  | Krithivasan, Kamala | | 1948 | Theoretical Computer Science; Formal Languages and Automata |
|  | Kundu, MK | | 1948 | Image Processing; Soft Computing |
|  | Majumdar, AK | | 1948 | Knowledgebase and Database Management Systems |
|  | Maulik, Ujjwal | | 1965 | Evolutionary Computing and Data Mining; Computational Biology |
|  | Misra, Sudip | | 1977 | Internet of Things (IoT); Sensor Networks |
|  | Mitra, Sushmita | | 1962 | Soft Computing; Bioinformatics |
|  | Mukhopadhyay, J | | 1963 | Image Processing; Medical Informatics |
|  | Murthy, CSR | | 1960 | Parallel & Distributed Computing, Computer Networks |
|  | Murthy, Hema A. | | 1958 | Signal Processing for speech, music, network data, brain signals; Machine Learning |
|  | Murty, MN | | 1954 | Pattern Recognition; Data Mining |
|  | Nandi, Sukumar | | 1962 | Computer Networks; Information Security |
| **S.No.** | | **Name** | **Year of birth** | **Specialization** |
|  | Narahari, Y | | 1959 | Electronic Commerce; Supply Chain Management |
|  | Natarajan, Vijay | | 1977 | Scientific Visulization; Computational Topology |
|  | Narayanan, PJ | | 1963 | Computer Vision; Computer Graphics |
|  | Pal Chaudhuri, P | | 1941 | Computer Science and Engineering |
|  | Pal, NR | | 1959 | Soft Computing, Pattern Recognition |
|  | Pal, SK | | 1950 | Soft Computing, Pattern Recognition and Image Processing |
|  | Pandu Rangan, C | | 1955 | Algorithms; Cryptography |
|  | Patnaik, LM | | 1946 | Computer Science & Engineering, Electronics |
|  | Rajagopalan, AN | | 1968 | Image Processing, Computer Vision |
|  | Rajaraman, V | | 1933 | Computer Science, Electronics |
|  | Ramamritham, K | | 1955 | Real-time Systems; Database Systems |
|  | Ramaswamy, Govindarajan | | 1961 | High Performance Computer Architecture; Compilers |
|  | Roy Chowdhury, D | | 1963 | Cellular Automata, Cryptography |
|  | Sangal, Rajeev | | 1954 | Natural Language Processing; Artificial Intelligence |
|  | Sarawagi, Sunita | | 1969 | Machine Learning; Databases |
|  | Sastry, PS | | 1959 | Machine Learning; Computational Neuroscience |
|  | Shyamasundar, RK | | 1950 | Computer Science; Information Technology |
|  | Sinha, BP | | 1952 | Computer Science and Engineering |
|  | Sivalingam, Krishna M | | 1967 | Computer Networks |
|  | Sudarshan, S | | 1965 | Database Systems |
|  | Venkatesh, YV | | 1942 | Computer Vision, System Theory |
|  | Viswanadham, N | | 1943 | Global Manufacturing and Service Networks, Logistics and Supply Chain Management |
|  | Yegnanarayana, B | | 1944 | Speech Processing, Neural Networks |

**R&D**

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| **S.No.** | **Name** | **Year of birth** | **Specialization** |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Basu, D | 1942 | Fault Tolerant Computers, Embedded System Design |
|  | Dhekne, PS | 1945 | Parallel Processing, Distributed Computing & Networking |
|  | Gupta, Manish | 1965 | High Performance Computing; Compilers |
|  | Kalyanaraman, Shiv | 1971 | Computer Networks (Wired/Wireless) |
|  | Kothari, R | 1964 | Pattern Recognition; Machine Learning |
|  | Krishnapuram, Raghu | 1956 | Machine Learning; Text Analytics |
|  | Ramesh, H | 1969 | Computer Science; Bioinformatics |
|  | Ramesh, S | 1958 | Software Engineering, Modeling and Verification |
|  | Varma, Manik | 1977 | Machine Learning; Computer Vision |
|  | Vidyasagar, M | 1947 | Control Systems, Robotics |

**INDUSTRY**

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| **S.No.** | **Name** | **Year of birth** | **Specialization** |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | | Ananth Krishnan, K | | 1963 | | Computer Science and Engineering | |
|  | | Basak, Jayanta | | 1965 | | Pattern Recognition; Neural Networks | |
|  | | Bhattacharya, Suparna | | 1971 | | System software (OS, filesystems, emerging tech); AI/ML data optimization (edge to cloud) | |
|  | | Chandru, Vijay | | 1953 | | Combinatorial Optimization, Computational Biology | |
|  | | Gopalakrishnan, Senapathy | | 1955 | | Physics; Computer Science | |
|  | | Gopinathan, Rajesh | | 1971 | | Computer Engineering and Information Technology | |
| **S.No.** | | **Name** | | **Year of birth** | | **Specialization** | |
|  | | Kulkarni, VV | | 1966 | | Model Driven Engineering; Software Engineering | |
|  | | Mitra, Biswadip | | 1965 | | Electronic Systems; Semiconductor Design | |
|  | | Mitta, Sridhar | | 1946 | | Computers, Communications | |
|  | | Narayana Murthy, NR | | 1946 | | Computer Software; Performance Engineering | |
|  | | Nilekani, Nandan | | 1955 | | Information Technology; Public Policy and Technology | |
|  | | Ramadorai, S | | 1944 | | Software Engineering, Technology Management | |
|  | | Ramani, S | | 1939 | | Computer Networks; Software Technology | |
|  | | Rao, AL | | 1948 | | Software Engineering; Datacom & Telecom Technologies | |
|  | | Rao, PVS | | 1936 | | Natural Language Processing, Speech Recognition | |
|  | | Rajamani, Sriram K | | 1970 | | Computer Science; Computer Engineering | |
|  | | Rastogi, Rajeev | | 1967 | | Machine Learning; Data Mining | |
|  | | Soota, Ashok | | 1942 | | Information Technology, Business Leadership | |
|  | | Vin, HM | | 1966 | | Information Technology; Complex Systems | |

**FOREIGN FELLOWSHIP**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No.** | | **Name** | **Year of birth** | **Specialization** |
|  | Agrawal, Rakesh | | 1954 | Computer and Information Technology |
|  | Jain, Anil Kumar | | 1948 | Pattern Recognition; Biometric Recognition |
|  | Khosla, Pradeep K | | 1957 | Computer Science, Technology Policy |
|  | Mehlhorn, Kurt | | 1949 | Computer Science |
|  | Mitter, SK | | 1933 | Systems & Control Theory |
|  | Mohan, C | | 1955 | Computer Science |
|  | Raghavan, Prabhakar | | 1960 | Computer Science; Internet |

**INAE YOUNG ASSOCIATES ON ROLL**

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| --- | --- | --- | --- |
| **S.No.** | **Name** | **Year of birth** | **Specialization** |

|  |  |  |
| --- | --- | --- |
|  | Barman, Siddharth | Algorithmic Game Theory and Approximation Algorithms |
|  | Bhattacharyya, Malay | Computer Science |
|  | Chakraborty, Sandip | Computer Systems and Ubiquitous Computing |
|  | Das, Swagatam | Computer Science and Information Technologies |
|  | Garg, Dinesh | Game Theory, Mechanism Design Theory, and Theory of Optimization |
|  | Goyal, Pawan | Natural Language Processing |
|  | Hazra, Aritra | Design Verification, Formal Methods, VLSI CAD |
|  | Krishnaswamy, Ravishankar | Design and analysis of algorithms for fundamental optimization problems |
|  | Kumar, Amit | Algorithms and Complexity |
|  | Misra, Neeldhara | Theoretical Computer Science; Algorithm Design |
|  | Mukherjee, Animesh | Social networks, web social media, social computation on the web as virtual laboratory, human language dynamics |
|  | Mukhopadhyay, Anirban | Data mining, soft and evolutionary computing, bioinformatics |
|  | Mukhopadhyay, Debdeep | Cryptography, VLSI Circuit Design, Cellular Automata |
|  | Padmanabhan, Deepak | Information and Knowledge Management; Natural Language Processing |
|  | Patra, Arpita | Cryptography |
|  | Saha, Chandan | Computational Complexity Theory and Algorithms |
|  | Uday Kumar Reddy B | Compilers for multicore processors, Domain-specific languages and compilers, Automatic parallelization, Parallel and high-performance computing |