



Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Office of the Dean Research Studies

Supervisor Specialization

S.No	Supervisor Name	Designation	Specialization
SCHOOL OF MECHANICAL AND CONSTRUCTIONS			
DEPARTMENT OF AERONAUTICAL ENGINEERING			
1	Dr David Sharad Bhatt	Assistant Professor	Combustion, Thermal Engineering
2	Dr R Naren Shankar	Assistant Professor	Aerodynamics, Propulsion, High Speed Jets, Composite Materials
DEPARTMENT OF AUTOMOBILE ENGINEERING			
3	Dr.Amalajustus Selvan	Professor	Heat Transfer, IC Engine
4	Dr S Jaichandar	Professor	IC Engine, Automobile Engineering, Automotive Pollution & Control, Alternative Fuels
5	Dr.Parthasarthy Murugaesan	Assistant Professor	Internal Combustion Engines, Sustainable Energy
6	Dr S Padmanabhan	Associate Professor	Design Optimization, Alternate Fuels
DEPARTMENT OF CIVIL ENGINEERING			
7	Dr E B Perumal Pillai	Professor	Structural Engineering
8	Dr.Suppaiah	Professor	Soil Dynamics, Earthquake Resistant Design, Composite Materials, Geotechnical- Earthquake Energy, Soil Structure
9	Dr.Samson	Professor	Concrete Strength
10	Dr A Geetha Selvarani	Professor	Environmental Engineering, Remote Sensing and GIS
11	Dr.Aswin Sidharth	Associate Professor	Water and Waste Water Treatment, Solid Waste Management, Advanced Treatment Techniques
12	Dr. S. Yuvaraj	Associate Professor	Water Resources Engineering, Hydrology & Hydrological Modeling,
13	Dr G Kumar	Assistant Professor	Geology, Remote Sensing and GIS, Hydrology



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DEPARTMENT OF MECHANICAL ENGINEERING			
14	Dr A T Ravichandran	Professor	Scheduling, Warehouse Optimization, Manufacturing Optimization and Metal Casting
15	Dr S Irudhayaraj	Professor	Process Optimization, Manufacturing Machine Tool-Optimization of Parameter, Manufacturing Technology
16	Dr A Manimaran	Professor	Cellular Manufacturing System, Solar Still, Cryogenics
17	Dr R Mariappan	Professor	Metallurgical Engineering, Production Engineering
18	Dr R Velu	Professor	Engineering Design, Sustainable Energy, Sustainable Manufacturing
19	Dr R Varadharajan	Professor	Machining of Materials, Composite Materials, Additive Manufacturing
20	Dr E Balasubramaniam	Associate Professor	Robotics, Rapid Prototyping, Vibrations & Control, UAV, Materials
21	Dr J Udhayaprakash	Associate Professor	Manufacturing, Composite Materials, Tribology/Wear, Unconventional Machining
22	Dr P Anand	Associate Professor	Finite Element Analysis, Composite Materials, Additive Manufacturing, Design
23	Dr M Arulprakash Jothi	Associate Professor	Heat Transfer, IC Engine, Additive Manufacturing for Thermal Application
24	Dr P Sivamurugan	Associate Professor	Energy Conversion & Conservation, Refrigeration & Air-conditioning, Heat Exchanges
25	Dr Lenin Nagarajan	Associate Professor	Facility Layout Design, Composite Materials, Manufacturing Optimization, Tolerance Analysis & Synthesis
26	Dr A S Praveen	Assistant Professor	Surface Engineering, Tribology Additive Manufacturing-Ceramics
27	Dr Yuvarajan Devarajan	Assistant Professor	IC Engines, Alternative Fuels, Green Engineering
28	Dr G Joe Micheal	Assistant Professor	Solar Energy, Heat Transfer, Nano Fluids, Renewable Energy
29	Dr Sachin Salunkhe	Associate Professor	Sheet Metal, Additive Manufacturing, Die Design, Artificial Intelligence, Metal Forming
30	Dr S Ganesan	Associate Professor	Thermal Heat Transfer, Solid Propellants
31	Dr C Sanjeevi	Assistant Professor	Welding, Characterization, optimization
32	Dr Balaguru Sethuraman	Professor	Engg. Design, Coatings, Welding, Metallurgy, Machine Dynamics
33	Dr E Pavithra	Associate Professor	Materials Science, Modeling & Simulations
34	Dr Dilip Raja	Associate Professor	Welding, Composite Materials, Energy and Fluid Mechanics



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S.No	Supervisor Name	Designation	Specialization
SCHOOL OF COMPUTING			
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING			
35	Dr E Kannan	Professor	Cloud Computing, Parallel Computing, Networks, Data Mining
36	Dr. Anne Koteswar Rao	Professor	IoT, Image Processing, Speech recognition Automation
37	Dr P Sarasu	Professor	Stochastic Modeling
38	Dr N Malarvizhi	Professor	Grid Computing, Cloud Computing
39	Dr S Koteeswaran	Associate Professor	Data Mining, Text Mining, Big Data, Cloud Computing, Networks, Wireless Sensor Network
40	Dr N Gomathi	Professor	Recycling of E-Waste, Artificial Intelligence, Big Data Analytics, Networking
41	Dr T Senthilmurugan	Associate Professor	WASN, WSN, Data Mining, Cloud Computing
42	Dr M Kavitha	Associate Professor	Data Mining, Big Data, Cloud Computing, Networks, Virtual Reality, Image Processing
43	Dr R Suguna	Professor	Image Processing, Data Mining, Big Data Analytics
44	Dr P Balamurugan	Professor	WSN, Data Mining, Big Data Analytics
45	Dr K Arthi	Associate Professor	WSN
46	Dr K Meena	Associate Professor	Network Security, Biometrics, Pattern recognition, Networks, Computer Vision, Image Processing
47	Dr M Shyamala Devi	Associate Professor	Cloud Computing, Distributed Networking, Big Data
48	DR.N.PARTHEEBAN	Associate Professor	Data Mining
49	Dr R Rajkumar	Assistant Professor	WSN, Data Mining, Big Data Analytics
50	DR.C.AMUTHADEVI	Associate Professor	Cloud Computing, Distributed Networking, Big Data
51	Dr G R Kanagachidambaresan	Associate Professor	Wireless Networks, Internet of Things, Pervasive Computing & Health Care, Embedded System
52	Dr A Srinivasan	Associate Professor	Wireless Networks, Big Data, Cloud Computing and Video Streaming
53	Dr S P Raja	Associate Professor	Image Processing, Internet of Things and Cryptography
54	Dr Carmel Mary Belinda	Associate Professor	Wireless Sensor Networks, Big Data Analytics
DEPARTMENT OF INFORMATION TECHNOLOGY			
55	Dr C Mahesh	Associate Professor	Data Mining, Artificial Intelligence, Big Data, Cloud Computing, Networks & Security



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SCHOOL OF ELECTRICAL AND COMMUNICATIONS			
DEPARTMENT OF ELECTRICAL AND COMMUNICATION ENGINEERING			
56	Dr K Siddappa Naidu	Professor	High Voltage Engineering, Electrical Machine Instrumentation, Power System, Renewable Energy Systems
57	Dr G Vairavel	Associate Professor	WSN
58	Dr N M Masoodu Banu	Professor	Wireless Communication, Image Processing, Embedded Signal Processing
59	Dr J L Mazher Iqbal	Professor	Embedded System, Image Processing, VLSI, Wireless Communication, Digital Design
60	Dr S Natarajan	Professor	Embedded Systems, VLSI Design, Signal & Image Processing, Visible Light Communications
61	Dr.P.Esther Rani	Professor	VLSI Design, Image Processing
62	Dr S Sivaperumal	Associate Professor	Communication Engineering, Control Systems
63	Dr G Sasikala	Associate Professor	Embedded System, Image Processing, VLSI, Remote Sensor, Communication
64	Dr V Hima Deepthi	Associate Professor	DIP, Telematics
65	Dr S Shiyamala	Associate Professor	VLSI Design, DIP, Nano Technology
66	Dr T Kavitha	Associate Professor	Optical Network, VLSI, Nano Technology
67	Dr A Selvin Mich Priyadharson	Associate Professor	Control & Instrumentation
68	Dr C R Bharathi	Associate Professor	Communication and Artificial Intelligence
69	Dr U Saravana Kumar	Associate Professor	FPGA, VLSI, Mixed Signal System on Chip, Network on Chip
70	Dr P Suresh	Associate Professor	Embedded Systems, Embedded Communications, Photonics, Optical Engineering, Nano Technology, VLSI
71	Dr Hiran Kumar Singh	Assistant Professor	Wireless Communication, Image Processing



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
72	Dr.A Abudhahir	Professor	Measurements and Instrumentation, Image Processing, Non Destructive Testing, Engineering Education
73	Dr. Jayasankar. V	Professor	Power System, Power Converters, Renewable Energy Systems
74	Dr.P.Chandrasekar	Associate Professor	Power Quality, Renewable Energy, Signal Processing, Custom Power Devices, FACTS, Converter & Inverters, Fuel Cells, Computer Application in Power
75	Dr P K Dhal	Professor	Power Quality, FACTS, Computational Algorithms to Power Systems, Intelligent Controllers
76	Dr S Baskar	Professor	UPFC, Power System, FACTS, Power Electronics Converters, Intelligent Control Techniques
77	Dr.SMILEE MATHURAM	Associate Professor	Smart Grid, Wireless Communication
78	Dr K Karunanithi	Associate Professor	Power System Planning, Renewable Energy, Smart Grid, Micro Grid
79	Dr K Bhaskar	Assistant Professor	Power System & Drives, Renewable Energy, Control Systems, Power Electronics for Power System
DEPARTMENT OF BIOLOGY			
80	Dr. Manoj. V.R	Assistant Professor	Bio Technology, Micro Biology, EVS,Bio -Energy



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SCHOOL OF SCIENCE AND HUMANITIES			
DEPARTMENT OF CHEMISTRY			
81	Dr. Ramesh Kumar. C	Associate Professor	Organic Chemistry
82	Dr. Hazarathaiiah	Associate Professor	Chromatography
83	Dr. Joseph Raj. X	Assistant Professor	Nanoparticle, Nanocomposites coating of Corrosion, Electro organic Chemistry(Material Science)
84	Dr.Booma Devi Janaki. G	Assistant Professor	Materials Science, Bio Inorganic Chemistry
85	Dr.Srinivasan. N	Assistant Professor	Crystallography, Metal-Organic Chemistry, Material Science
86	Dr. Prasanth. V.G	Assistant Professor	Polymers, Materials, Nano Technology, Catalysis
87	Dr. Kanniraj. A	Professor	Metal Forming, Materials Testing
88	Dr. Ravi Sankar. N	Professor	Natural Product Chemistry(Organic Chemistry)
89	Dr. Archana. S	Assistant Professor	Polymer, Nanocomposites, Metal Complexes
90	Dr.Nageswara Rao.A	Professor	Photocatalysis, Adsorption studies
91	Dr.Ch.Pandu Naidu	Assistant Professor	Natural Product Chemistry(Organic Chemistry)
92	Dr.Shaik Rafi	Assistant Professor	Polymer, Nanocomposites, Metal Complexes
93	Dr.Nageswara Reddy	Assistant Professor	New Organic Synthesis of Compounds, Nano Materials, Schiffbase Metal Complexes



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DEPARTMENT OF MATHS			
94	Dr. Udayabaskaran. S	Professor	Stochastic Modeling
95	Dr.Viswanath. J	Associate Professor	Stochastic Inventory System
96	Dr. Sundarapandian. V	Professor	Control System, Chaos Theory, Dynamical Systems
97	Dr.Suresh. R	Associate Professor	Control Theory, Operator Theory, Differential Equations, Soft Computing
98	Dr. Srinivasa Raghavan. S	Professor	Stochastic Models, Data Mining, Applied Statistics
99	Dr. Ramasamy. A.M.S	Professor	Number Theory, Fuzzy Mathematics, Mathematical Modeling
100	Dr. Chandrasekaran. E	Professor	Applied Mathematics
101	Dr.Suresh. M.L	Professor	Artificial Neural Networks, Fuzzy Logic, Graph Theory
102	Dr.T.Gunasekar	Associate Professor	Control Theory, Stochastic Differential Equations, Fuzzy Differential Equations
103	Dr.Shanmuga Priya. R	Assistant Professor	Fuzzy Analysis
104	Dr. Vijayalakshmi. G.M	Assistant Professor	Mathematical Modeling
105	Dr. Kalaivani. N	Associate Professor	Topology and its Applications
106	Dr. Dhanasekaran. R	Professor	Photocatalysis, Adsorption studies
107	Dr. Iyappan. D	Associate Professor	Topology(Set)
108	Dr.R.Narmada Devi	Assistant Professor	Fuzzy Topology
109	Dr.B.Janani	Assistant Professor	Queuing Models



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DEPARTMENT OF PHYSICS			
110	Dr. Jothilakshmi. R	Associate Professor	Semiconductors, Nanostructures
111	Dr. Gowri Shankar Rao. R	Associate Professor	Sensor Instrumentation, Renewable Energy, Embedded Application, Medical Electronics,DSP
112	Dr.Gajendiran. J	Assistant Professor	Semiconductor Nano Materials, Crystal Growth, Thin Film
113	Dr.Parthasaradhi Reddy	Assistant Professor	Spectroscopy, Thin films
114	Dr.Uthayakumar. T	Assistant Professor	Non Linear Fiber Optics, Photonics Crystal Fiber, All Optical Switching, Modulation Instability
115	Dr.G.Murugesan	Assistant Professor	Oxide Materials, Transparent Ceramics, Perovskites, Nuclear Waste Immobilization
116	Dr.Pradeep Reddy Vanga	Assistant Professor	Spectroscopy,Thin films
117	Dr. Rigana Begam. M	Assistant Professor	Thin Films, Crystal Growth
118	Dr.A.Prabakaran	Assistant Professor	Spectroscopy, Computational Method
119	Dr.V.Kamalakar	Assistant Professor	Atmospheric Sciences
120	Dr.S.Sridhar	Assistant Professor	Nano Science, Dye Sensitized Solar Cell
121	Dr.S.Mani Naidu	Associate Professor	Crystrolography
DEPARTMENT OF ENGLISH			
122	Dr. Bindu. M.R	Associate Professor	Indian Writing in English, Women's Studies, English Language Teaching
123	Dr. Lakshmi. R	Assistant Professor	Indian Writing in English, American Literature, Socio Linguistics,Women's Studies, English Language Teaching
124	Dr.S.Ramesh Kumar	Assistant Professor	Indian Writing in English, Women's Studies, English Language Teaching
125	Dr R Udhayakumar	Assistant Professor	English Language Teaching, Literature, Linguistics



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SCHOOL OF MANAGEMENT			
126	Dr.Jeya Prabha. B	Professor	HR, Marketing
127	Dr.K.Ravi Shankar	Associate Professor	HR, Marketing, General Management
128	Dr.Geeta Kesavaraj	Associate Professor	HR, Marketing, General Management