

**DEPARTMENT OF ELECTRICAL ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR**

**List of prospective supervisors alongwith their fields of specialization for Ph.D admission (Autumn 2019)**

S. No.	Name of faculty member	Designation	Field of Specialization	
1.	Dr. M. D Mufti	Professor	I	Power System Dynamics & Control
			ii	Stand Alone Power System
			iii	Application of Energy Storage Devices to Power System
2.	Dr. Aijaz Ahmad	Professor	I	Power System Operation and Optimization
			ii	Flexible AC Transmission System
			iii	Energy System Planning & auditing
3.	Dr. S. A. Lone	Professor	I	Stand Alone Power System
			ii	Wind Energy Conversion Systems
4	Dr. A. H. Bhat	Professor	1	Power Electronics
			ii	Power Quality
			iii	Electric Drives
			iv	Flexible AC Transmission System
			v	Custom Power Devices
			vi	DC Micro-grid
5	Dr. M. A. Bazaz	Associate Professor	I	Control Theory
			ii	Model Order Reduction of Linear, Non-linear and parametric Systems
			iii	Finite Element Modelling of Distributed Parameter System
6	Dr. Obbu Chandra Sekhar	Associate Professor	i.	Power Electronic Control of Drives
			ii	Special Machines and Control
			iii.	FACTS Controllers
			iv.	Smart and Micro Grids, Modulation Techniques for Multi-level inverter
7	Dr. Asadur Rahman	Assistant Professor	i.	Power System Operation & Control
			ii.	Power System Optimization.
			iii.	Renewable Energy Systems (Solar & Wind)
			iv.	Hybrid Energy System and Smart Grid
			v.	Application of Soft Computing in Power and Energy Systems.
8	Dr. Neeraj Gupta	Assistant Professor	i.	Power Systems
			ii	Probabilistic power system
			iii.	Renewable Energy Systems (Solar, Wind, EV)
			iv.	Uncertainty quantification of Power system
			v.	Micro-Grid

09	Dr. Kushal M. Jagtap	Assistant Professor	i.	Demand side management
			ii.	Electric Vehicle
			iii.	Smart Grid
			iv.	Deregulation
			v.	Loss allocation
			vi.	Distributed Generation
			vii.	Distribution network.
10	Dr. Ravi Bushan	Assistant Professor	i.	Power System Stability and Control
			ii.	Wind Energy Systems
			iii.	Applications of optimal controller in Power Systems
11	Dr. Chilaka Ranga	Assistant Professor	i.	Electrical Machines
			ii.	High Voltage
			iii.	AI Techniques
			iv.	Electrical Dielectrics.

**Sd/-**  
**(Dr. Abdul Hamid Bhat)**  
**Prof. & Head**