Name: Dr. Shantanu Acharya
Designation: Asst. Prof.
Branch: EEE
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Educational Qualification(s):

Qualification(s)	University
M.Tech	Tripura University
Ph.D.	National Institute of Technology (NIT) Agartala

Experience in years: 3.7 years

(a) Academic:

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	The George Telegraph Training Institute (Agartala Centre	Guest Faculty	Nov'08	Dec'11
2	Tripura University	Guest Teacher	Jul'11	Dec'11
3	The AMCS	Guest Faculty	May'10	Feb'11

(b) Industrial:

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	HCL Infosys	On job trainee Network Field Engineer (NFE)	Nov'08	Mar'09
2	Computer Maintenance Corporation (CMC) ATC, Agartala	Faculty Member	Sep'03	Mar'04

Other Information:

(a) Publication details.

Journals

- "Performative analysis of an eccentric solar-wind combined system for steady power yield", Energy Conversion and Management (Elsevier), 2016, 108, pp. 219-232

- "PV–wind hybrid power option for a low wind topography", Energy Conversion and Management (Elsevier), 2015, 89, pp. 942-954

- "Stirling engine based solar-thermal power plant with a thermo-chemical storage system", Energy Conversion and Management (Elsevier), 2014, 86, pp. 901-915

- "Analysis and characterization of wind-solar-constant torque spring hybridized model", Frontiers in Energy (Springer), 2014, 8(3), pp. 279-289

- "Governmental support and challenges for growth of wind energy generation in India", Journal of Advanced Research in Electrical Engineering & Technology (Advance Research publication), 2014, 1(1), pp. 1-7

- "Vehicle pumped airmill for Electricity", Electrical India (Chary publication), 2008, 48(4), pp 132-133

(b) Details of Seminar/Workshop/Conference.

Conferences

- "Solar thermal–wind–spring storage hybridized system for steady power yield" 6th International Conference on Power System (ICPS) 2016. [IEEE Conf.], Indian Institute of Technology (IIT) Delhi, New Delhi, India.

- "Back surface cooling of PV panel - an experimental investigation" 6th International Conference on Power System (ICPS) 2016. [IEEE Conf.], Indian Institute of Technology (IIT) Delhi, New Delhi, India.

- "Performance assessment and experimental investigation of 1.2 kW_p PV power plant in different loading conditions", 4th International Conference on Advances in Energy Research (ICAER), Indian Institute of Technology (IIT) Bombay, Mumbai, India. pp. 470-478

- "Energy Storage System for Wind Power Plant", 2nd International Conference on Power, Control and Embedded Systems (ICPCES) 2012. [IEEE Conf.], Motilal Nehru National Institute of Technology (MNNIT) Allahabad, Uttar Pradesh, India. pp. 130-132
  DOI: 10.1109/ICPCES.2012.6508053

- "Exploring Wind Energy for Hybrid Power Generation in a Low Wind Regime", 1st International Conference on Power and Energy in NERIST (ICPEN) 2012. [IEEE Conf.], North Eastern regional Institute of Science and Technology (NERIST), Nirjuli, Itanagar, Arunachal Pradesh, India.
  DOI: 10.1109/ICPEN.2012.6492311.

(c) Patent details

- Filed patent entitled "A heat-free composite daylight ingesting system" (Application no.: 652/kol/2015)

(d) Professional membership of reputed bodies if any: No