

Name Satvinder Singh
Designation Assistant Professor
Date of Joining May 04, 2012
Qualification B.Tech (Electrical Engg.)
M.Tech(Power System & Drives)
Area of interest Power System, Electrical Machines
Teaching Experience 5 years
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Publications:

List of publications-

1. Modelling and Analysis of Thyristor Controlled Series Capacitor using Matlab/ Simulink in international journal of new innovations in Engineering and Technology(IJNIET) page no.61-66 vol.1 issue 3 February 2013.
2. Study and Analysis of Reactive power in wind farm for Reducing Distribution losses using Genetic Algorithm in international journal of new innovations in Engineering and Technology(IJNIET) page no.67-75 vol.1 issue 3 February 2013.
3. Transient Stability Enhancement of Multi-Machine System Using FACTS Controllers in international journal of engineering science and innovative technology(IJESIT) page no.260-268 vol.2, issue2, March 2013.
4. A novel approach for reactive power output optimization in wind farm for the reduction of distribution losses using genetic algorithm in international journal of advanced research in electrical, electronics and instrumentation engineering page no.1053-1058 vol.2 issue3, March2013.
5. Facts technologies for the developments of future transmission systems in international journal of emerging trends in engineering and development page no-587-595 issue 3, vol.2 March 2013.
6. Energy security-future of global world in the national conference on role of science and technology towards Make in India organised by YMCA university of Science and Technology Faridabad during March 05-07,2016.
7. Speed control of DC Motor Using PI and Fuzzy logic controller in the national conference on New Horizons in the Technology for Sustainable Energy and

Environment at YMCA university of Science and Technology Faridabad held on March 9-10,2017.

List of courses/STC/Workshop attended

S.N	Name of the Course	Date	Venue
1	Application of Artificial Intelligence tools in power system	19 th -25 th June 2012	YMCAUST, Faridabad
2	Entrepreneurship	8 th Jan 2013-22 nd jan-2013	UIET, Kurukshetra
3	Analog Electronics	4th June 2013-14 th June 2013	IIT Kharagpur
4	Emerging Materials: Characterization and Applications	13-17 june, 2014	NIT, Kurukshetra
5	Synthesis and characterization techniques of smart materials	22-26 Sept.2014	NIT, Kurukshetra
6	Intelligent Control Techniques and their applications	22-26 Dec 2014	DTU, Delhi
7	Signal processing for communications	Feb 25-march1,2015	NIT, Kurukshetra
8	New trends in Electronics and Communication	17-21 August 2015	YMCAUST, Faridabad
9	Effective Teaching	18-22 Jan 2016	NITTTR, Chandigarh
10	Artificial Neural network	25-29 April 2016	YMCAUST, Faridabad
11	Appreciation course in parliamentary processes and procedures	2-6 May 2016	Lok Sabha Secretariat New Delhi
12	Automation: PLC & SCADA	17-21 Jan 2017	YMCAUST Faridabad
13	Real time data acquisition and analysis using Lab VIEW	8-12 may 2017	YMCAUST Faridabad