

<b>M.Tech</b>	<b>POWER SYSTEM ENGINEERING</b> % <b>age:69.72</b> <b>Guru Nanak Dev Engineering College, Ludhiana, Punjab (2012-2014)</b>
<b>B.Tech</b>	<b>ELECTRICAL ENGINEERING.</b> % age : <b>69.78</b> <b>Guru Nanak Dev Engineering College, Ludhiana, Punjab (2008-2012)</b> • Studied :MATLAB, Language C++.
<b>School</b>	<b>Class XII-</b> K.V Sunjuwan, Jammu, J&k (C.B.S.E,2006-2007) <b>(75.00%)</b> <b>Class X-</b> K.C Public School, Jammu, J&k (C.B.S.E,2004-2005) <b>(72.00%)</b>
<b>INTERNSHIP</b> 06 MONTHS	
	<i>Dec 2011- May 2012</i> <b>Guru Hargobind Thermal Plant, LehraMohabbat, Bathinda</b> Project InternMay
<b>Professional Exposure</b>	• Teaching Assistant at Guru Nanak Dev Engineering College, Ludhiana. 2 year • Protection cell at 220 KV Substation Lalton , Ludhiana.1 week
<b>PROJECT I</b>	
<b>Overview</b>	• Automatic Opening and Closing of Railway Crossing
<b>Methodology</b>	• To install magnetic transducers at distance of 1 km from Railway Crossing on both sides at suitable distances of railway crossing • Installation of timer at opening and closing of railway crossing • Installation of Stop light in coordination with transducer signals.
<b>PROJECT II</b>	
<b>Overview</b>	• Simulating Implementation of speed stabilization of <b>DC Motor</b> using <b>PID controller</b>
<b>Methodology</b>	• Selection of Step Input. • Selection of PID Controller. • Setting parameters of PID Controller. • Selection of IMD Controller. • Selection of Scope.
<b>Learning</b>	• Damping out oscillations and stabilizing speed of DC Motors.
<b>THESIS</b>	
<b>Overview</b>	• A study of coordinated TCSC and PSS damping controller in a Multi-machine system using PSO to improve power system stability.
<b>Methodology</b>	• Study of different types of Power System Stability and Dynamics of

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- Ms. Ankita Runani attended a two week refresher course on “ Introduction to MATLAB and research enhancement tools”, organized by SMVDU in collaboration with MHRD during 16-25 march 2018.
- Attended Conference on Emerging Trends and Innovations On Electronics and Communication at Baba Ghulam Shah Badshah University , Rajouri on 26 and 27 August 2017
- Participated in One week Short term course on “MATLAB and LABVIEW with its Hardware Interface through ICT” held from 29 jan 2018 to 20 feb 2018 at Power Electronics Lab , SOET, BGSBU.
- Participated in One week Short term course on “ **Power Quality monitoring and Analysis through ICT**” held from 30 oct 2017 to 3 Nov 2017 at Power Electronics Lab, Soet, BGSBU.
- Participated in STC on “ **Certified Course on Renewable Energy with speacialization in Solar and Wind Energy** conducted by Department of Electrical Engineering , BGSBU, Rajouri.
- Participated in AICTE recognized STC on **Science and Tech for Sustainable Development through ICT** conducted by Electrical Engineering Department from 04-02-19 to 08-02-19 at BGSBU Polytechnic.
- Participated in one week FDP on “**Research Methodology** Conducted by SMVDU Katra from 8<sup>th</sup> to 12<sup>th</sup> October 2018.
- Participated in **TEQIP III summer training on Active Learning** at IIT Bombay From 11june to 15 June 2018.