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# Annapurna Barbora

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Phone: 7002576966

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## COMPUTER SKILLS

**Web Based Technologies:** HTML5, CSS3, Bootstrap, PHP, MySQL, jQuery, Bootstrap, JavaScript and WordPress  
**Tools and Packages:** Psim, MATLAB  
Good knowledge of MS Excel.

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## EDUCATION

Exam / Qualification	Courses studied	Awarding Body	Year of Passing	CGPA/ Marks %
Graduation (Btech)	Electrical and Electronics Engineering	Manipal University Jaipur	2017	7.54 CGPA
12 <sup>th</sup>	Physics, Chemistry, Maths, English, Physical Education	CBSE	2012	69.4 %
10 <sup>th</sup>	Maths, Science, Social Studies, Hindi, English	CBSE	2010	9.0 CGPA

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## TRAINING

**LARSEN & TOUBRO (ELECTRICAL & AUTOMATION), VADODARA**

**10<sup>th</sup> June, 16 -24<sup>th</sup> July, 16**

### TITLE

To design a PCB in such a manner that a single coil should work for all voltages Variants (i.e.24v, 48v, 110v, 220v) respectively, such that the Undervoltage release's coil doesn't burn.

- Tests were successful for 24v and 48v supply for the undervoltage release.
  - Also learnt about switch gears and the basics of Psim software to simulate the Model and gave key inputs for the project.
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## PROJECT

**MAJOR PROJECT DONE IN MANIPAL UNIVERSITY JAIPUR**

### TITLE

Genetic Algorithm (GA)-PID Controller for angular speed control of an inverted pendulum.

- Learnt about Genetic Algorithm and its uses.
- Two different objective functions were taken to implement the algorithm so as to verify the results. Satisfactory results have been achieved.
- After the application of GA -PID, the rise time, settling time and peak overshoot Of Angle-Time, Angular Speed -Time graphs have shown a considerable decrease.

## ONLINE COURSES

### INTERNSHALA WEB DEVELOPER ONLINE WINTER TRAINING ULTIMATE WEB DESIGNER AND DEVELOPER COURSE BY BRAD HUSSEY

Learnt HTML5, CSS3, JavaScript, jQuery, PHP, MySQL and WordPress

- **Made a responsive startup-style website and a registration form for a fictitious dance academy** using HTML5 and CSS3.
  - **Made a TO-DO LIST and a working tip calculator** using HTML5, CSS3 and jQuery.
  - **Learnt to code the Google Landing page** using HTML5 and CSS3.
  - In PHP and MySQL, **learnt to make dynamic websites, an impressive application that fixes click bait headlines, a working “login” and “logout” sequence, a profile page that pulls information from a database and a Robust "Client Address Book" application that manages clients' information.**
  - In WordPress, made a website for a fictitious travel agency named ISLANDITE. **The purpose of the project was to help provide an itinerary to the tourists.** The link to the website is [www.islandite.com](http://www.islandite.com)
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## EXTRACURRICULAR ACTIVITIES

- Participated in Model United Nations as a delegate of Chile in High Commission for Refugees in MUJ MUN, 2014.
- Worked as a volunteer for the Registration committee in TECH-IDEATE 2014.
- Content Writing Internship at The Rising People Welfare Society.
- Participated in an entrepreneurship workshop conducted by Senior Executives, from BSE and SEBI held in Manipal University Jaipur.
- Certified for participation in Pre-Summit Workshop Envoyage conducted by the Entrepreneurship Cell, IIT Bombay, which was held in Manipal University Jaipur.
- Participated in the Cultural Event (group song), on Republic day celebrations.