

**N Pavithra**  
**4<sup>th</sup> Year Undergraduate**  
**College of Engineering, Guindy**  
**Anna University**

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CONTACT INFORMATION	35/11, Dharmapuram road Mayiladuthurai Tamil Nadu India - 609001	<b>Phone:</b> (+91) 9488108790 <b>E-mail:</b> pavithranatarajan04@gmail.com.com
INTERESTS	Control System Engineering, Measurement and Instrumentation, Protection and Switchgear	
EDUCATION	<b>College Of Engineering Guindy, Anna University, Chennai</b> <i>B.E</i> in Electrical and Electronics • CGPA (until the 6 <sup>th</sup> semester): 9.00/10.00.	<b>July, 2015 - Present</b>
	<b>GGSMM Hr.Sec.School, Mayiladuthurai</b> Higher Secondary School Examinations, Class XII, Tamil Nadu Board • Percentage: 97.58	<b>July, 2013 - Mar, 2015</b>
	<b>GGSMM Hr.Sec.School, Mayiladuthurai</b> Samacheer Kalvi, Class X • Percentage: 99.4	<b>April, 2012 - Apr, 2013</b>
PROJECTS	<b>Smart Water Management and Smart Sewerage System</b> Department of Smart world and communication Larsen And Toubro Limited, Chennai • The project work focused on the Integration of smart meter data acquired from the smart water meter with existing water billing applications to generate water bills. • It also involved the supply ,installation and testing of SCADA application for monitoring and controlling the water distribution system. • It also implements holistic and integrated sewer supply system for the location under the smart city program .	<b>May, 2018 - June, 2018</b>
	<b>Metal detector using mutual induction principle</b> Mini project, College Of Engineering Guindy • The project primarily focused on detecting metals. • This is based on the mutual induction principle using 555 timer IC • When a piece of metal comes in contact with a magnetic coil, there is a change in the magnetic flux linked with the coil. This variation in flux is detected and its impulse is sent to the alarm for detecting.	<b>October 2016</b>
INPLANT TRAINING	• Underwent inplant training on power plant engineering at Tuticorin Thermal power plant for a duration one week. • Underwent inplant training on locomotive engineering at EMU(Electric Motor Unit), Tambaram.	
SKILLS	C, Microsoft Office, Orcad, Matlab, Labview, Photoshop	
SEMINARS	• Crime and Cyber security • INDIA- A MegaBio Diversity • Potentiometer	

- Basics of Control systems

ACHIEVEMENTS AND EXTRA CURRICULAR

- State Second in class X ( secured 497/500)
- Second position in Electrical connections event conducted by INTRA college EEE symposium
- First position in group dance competition conducted by IIT-Madras Saarang 2018 and NIFT ( Na-tional Institute of Fashion Technology) Spectrum 2018 represented Anna University-CEG in the name of TwistersCrew

POSITION OF RESPONSIBILITY

**Coordinator,Circuit Craze**  
 Kurukshetra is the international techno-management fest conducted annually by the College of Engineering, Guindy (CEG),Anna University. Circuit Craze is a technical event for EEE,ECE and EI branches.

**Volunteer, Kidobotics**  
 Kidobotics is an event conducted by SP Roboetics organization on STEM based Robotic IoT kits to explore technologies in the domain of Electronics, Mechanical, Programming Algorithms. Various events such as linetracer, robosoccer, roboetics project expo were conducted for educational purposes.

**Organizer, Workshops and Events**  
 Waves is an Inter college symposium conducted anually by the society of EEE, College of engineering, Guindy.I worked as the organizer for technical workshops and events held in the symposium.

REFERENCES Available upon request.