

ADITYA CHAWLA

Course: B.E. (Hons.) Electrical and Electronics

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CGPA: 9.00



ACADEMIC DETAILS					
COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	% CGPA	YEAR
B.E (Hons.)	Electrical and Electronics	BITS Pilani, Pilani campus	BITS Pilani	9.00/10	2013-2017
XII	Science	Little Angels Sr. Sec. School, Sonipat	CBSE	96.0/100	2013
X	General	Holy Child Sr. Sec. School, Sonipat	CBSE	9.4/10	2011

ELECTIVES/TECHNICAL PROFICIENCY	
Electives	Principles of Economics, Fundamentals of Finance and Accounting, Derivatives and Risk Management, Print and Audio-Visual Advertising, Environmental Development and Climate change
Technical Proficiency	MS Excel, SQL, LT Spice, Proteus, MATLAB, AutoCAD, C, C++

INTERNSHIPS	
Analyst, Smartlink Network Systems, Goa	May 2015 - July 2015
<i>Smartlink Network Systems Ltd. is one of India's leading networking companies and offers an integrated value proposition from design and development to sales and marketing and service and support.</i> <ul style="list-style-type: none"> Designed a software for Rapid Process Analytics For Manufacturing Yield Enhancement. The yield increased by 4% in 6 months Witnessed and understood the manufacturing process of routers, motherboards, switches etc. Updated the portal for Complaint Registry and Inventory Management for the Engineering Department 	

PROJECTS	
SUPER-RESOLUTION IMAGE-PROCESSING WITH APPLICATIONS TO FACE RECOGNITION	Aug 2015 – Dec 2015
<ul style="list-style-type: none"> Implemented Super-Resolution techniques to convert Low-Resolution images to High-resolution images without improving hardware Designed a Face-Recognition software which worked in varying light conditions and different facial expressions Used the High-Resolution images from Super-Resolution to increase the efficiency of Face Recognition 	
PERFORMANCE EVALUATION OF SOLAR POWERED SWITCHED RELUCTANCE MOTOR DRIVE FOR ELECTRIC VEHICLES	Jan 2016 - May 2016
<ul style="list-style-type: none"> Planning to use MPPT techniques to solar panel emulator to obtain maximum output efficiency Integrate the output of Solar Panel to Switched Reluctance Motor drive and perform speed control experiments 	
DESIGN AND SIMULATION OF A MICROWAVE HEATING SYSTEM	Jan 2015 - May 2015
<ul style="list-style-type: none"> The microwave heating system designed could be used by the user to adjust power levels and control the cooking process Features like buzzer and door locks were integrated for safety purpose Designed the system using Intel 8086 Processor and programmed with Assembly Language 	

POSITION OF RESPONSIBILITY	
Coordinator, Department of Live Events, APOGEE 2016	Dec 2015 - Nov 2016
<ul style="list-style-type: none"> Heading a team of 40 people responsible for organizing a concert and LAN Gaming Tournament with an expected audience of over 3000 people Organizing the first musical concert in the history of the fest Involved in all aspects of the events ranging from Planning, Artist Selection, Production Setup, Sale of tickets to Artist hospitality 	
Steering Team Head, Team INSPIRED KARTERS-BAJA	Aug 2014 - Aug 2015
<ul style="list-style-type: none"> Selected from a pool of 400 students to be a part of the team aimed at manufacturing an All Terrain Vehicle Led a team of 5 engineers responsible for designing and manufacturing the steering system of the ATV Spent 4 hours in the workshop regularly Called companies to ask for sponsorship, manages to get 60,000 INR worth of sponsorship out of a total of 1,50,000 INR The team secured 4th position amongst 54 teams in BAJA Student 2015 	
Joint Coordinator, Department of Professional Shows, Oasis-2015	Apr 2015 - Mar 2016
<ul style="list-style-type: none"> Co-Headed a team of 32 people responsible for organizing three concerts that were attended by over 8000 people Generated a revenue of over INR 32 lacs from these events, which considerably contributed to the fest making profits for the first time in several years Involved in major aspects of the events such as Production Setup and Artist hospitality Engaged with artists like Farhan Akhtar, Benny Dayal, Papon, Raghu dixit etc. 	

EXTRA CURRICULAR ACTIVITIES	
<ul style="list-style-type: none"> Completed BITS Run Marathon of 8kms and Switzer Marathon of 8kms Tutor at HashLearn Now, an online teaching platform Reading-volunteer for recording audio-books at Librivox.org with an efficiency of more than 99% Completed 'I ride with India' Cycle rally of 30kms Achieved a Gold medal in Mathematics Olympiad 2009 	