

# AJAY KUMAR

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EDUCATION			
<b>B.Tech(Electrical)</b>	2020	Delhi Technological University	6.02CGPA
<b>CBSE(Class XII)</b>	2016	KendriyaVidyalaya AFS Tughlakabad	75.2%
<b>CBSE(Class X)</b>	2014	KendriyaVidyalaya AFS Tughlakabad	9.4 CGPA
INERNSHIPS			
<b>Summer Research Intern: SSPL,Defence Research And Development Organisation,Delhi</b>	Worked as a <b>TRAINEE</b> on <b>Acoustic Signature Identification</b> under scientists and learnt so much about it that why it is unsurpassed choice for surveillance applications for both ground and air vehicles and why we can use it for variety of applications including <b>Source classification, Detection and Tracking.</b>		2 June 2017 – 2 Aug 2017
<b>Winter Intern: FILTER LADY, Delhi/Jaipur,</b>	<ul style="list-style-type: none"> <li>India's first online marketplace listing and connecting global buyers with suppliers of raw construction materials.</li> <li>Worked as a <b>data collection intern</b> in the state of Rajasthan. <b>Collected and segregated data</b> of around <b>2700</b> distinguish suppliers, used <b>MS-Excel</b>, along with managing and recruiting <b>30 interns</b> for the company</li> </ul>		1 Dec 2017 – 30 Dec 2017
<b>Summer Intern: PepsiCo India Manufacturing Unit, Greater Noida</b>	<ul style="list-style-type: none"> <li>Studied the production lines for various CSDs, their bottlenecks, daily causes of hindrances and analysed their primary KPIs using Excel. This data was later used by the Production team to plan production charts accordingly for that season.</li> <li>Investigated the Inventory management system to find the causes leading to the generation of worth INR 20 million non-moving inventory and assisted the Assistant General Manager in preparing material planning charts.</li> </ul>		20 June 2018 – 21 July 2018
<b>Summer Intern: Maruti Suzuki India Limited</b>	<ul style="list-style-type: none"> <li>Use tools like Excel, SQL to analyze company data and detect errors , and present it to HR.</li> <li>Analyze reports of data duplication or other errors to provide ongoing appropriate inter-departmental communication on a daily basis.</li> <li>Develop graphs, reports, and presentations of project results.</li> <li>Perform basic statistical analyses for projects and report.</li> </ul>		5 June 2019 – 5 August 2019
ACADEMIC PROJECTS			
<b>Research Project on Fast Chnrging Of electrical Vehicles</b>	I worked on OFF Board Charger with Bidirectional Power Flow. It allows the power in the battery to be transferred to the network when the vehicle is not in use and the network need it. A 1.2 kW, single-phase, bi-directional charger configuration is modelled in this project to charge an electric vehicle (EV). In the first stage a two-bridge bi-directional AC to DC rectifier is used, and in the next stage, a bi-directional DC to DC chopper is used to control the charging and discharging currents of the EV battery.		
ACADEMIC ACHIEVMENTS AND AWARDS			
<ul style="list-style-type: none"> <li>Secured a rank among a Top 1 percent of candidates in JEE Mains and Advance amongst 1.5 Million aspirants.</li> <li>Achieved Top 50 Rank in State Science Olympiad Organised by SOF Foundation.</li> <li>2007-2014: Consistent Scholar Badge for distinguished academic performance.</li> </ul>			
POSITION OF RESPONSIBILTY			
<b>DELHI TECHNOLOGICAL UNIVERSITY</b>	<b>Class Representative</b>	As a CR I updated the whole class about the academic information that has been approved by teachers and managements. Moreover represents the class when any group activity undergoes.	2016
	<b>Chief Fest coordinator Team Engifest'19</b>	Managed the participation in over 30+ mega events engaging over 9000 participants from all over the country while guiding and leading a team of 180 students, <b>increasing the participation from 5000 to 9000 in one year. Increased participation &amp; outreach of Engifest outside Delhi by 170%.</b>	2017-2018
	<b>President, Techfest DTU 2K19</b>	Monitoring the flow of goods and materials, and transportation for participants. Working within budgets to improve the processes and reduce costs.	2018
	<b>Conference Head, Rotaract MUN</b>	Was responsible for the overall smooth flow of the conference, while handling the hospitality and other requirements of more than <b>600+ delegates and 50+ delegates from other countries</b> attending the Deltech MUN conference.	2018
<b>KENDRIYA VIDYALAYA AFS TUGHALKABAD, DELHI</b>	<b>School Captain</b>	Represent the school in all events which includes festivals, conferences and sports. Responsible for organizing school prefects and assigning duties, explaining all the rules and regulations to them to maintain the active spirit in the cultural field of the school.	2015
	<b>Senior member: Cultural Society</b>	Awarded <b>Best Dance Group</b> in Delhi region.	2015
	<b>Vice president of Aerospace Society</b>	Was instrumental in the growth of the club from a 20 member society to 50 member recognized club over tenure. Organised AEROSS 2014 & 2015 –interschool aerospace symposium.	2014
EXTRA CURRICULAR ACTIVITES AND ACHIEVMENTS			
<p><b>Public speaking, Debating</b>-Participated in various Debates.</p> <p><b>Dance</b>- Placed 2<sup>nd</sup> in Dance competition at Anragini, IIT Kanpur. Selected for the National Badminton Championships in 2015 from school.</p> <p><b>Quizzing</b>- Placed 3<sup>rd</sup> at inquizate Quiz at SRCC, qualified for quarter finals of NSIT quizzing championship.</p>			
SOCIAL WORK			

- Organised first ever anti-drug campaign in the university with a participation of 150+ students.
- Worked in Prayas - a juvenile aid centre to provide better education to around 90 resident students.
- Awarded with a certificate of appreciation for amongst top 15 volunteers of DTU Student's Association.