

Chetan Chadha

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EDUCATIONAL QUALIFICATIONS

Year	Degree	School/Institute	Board/University	%age /CGPA
2019	B Tech - E.C.E	CGC College Of Engineering, Landran	Punjab Technical University	8.2 SGPA (up to 6 th sem)
2015	10+2	Swami Sant Dass Public School, Jalandhar ,Punjab	CBSE	83.8%
2013	Matric	Seth Hukum Chand Public School, Jalandhar, Punjab	CBSE	10(CGPA)

ACADEMIC ACHIEVEMENTS

- Successfully Prototyped **Fire Sprinkler System** Funded by **DST, Govt for 1 lakh INR** under IEDC 2016-17.
- Successfully Prototyped **Water Distribution and Management System** to avoid water Scarcity funded by **DST, Govt for 1 Lakh** under IEDC 2017-18.
- Secured 5th Rank Globally after 2nd phase in **CanSat Competition 2018** which is an annual competition held in Texas, USA Organized by NASA, American Astronautical Society and Tarleton State University.
- Collaborating with the team successfully filed **Seven Patents** in the various field of interest.
- First Position in Dirt Robo Race in “Saturnalia 2017” organized by Thapar University.
- Third position in “Circuit making” – Organized by Radiance Professional Society, CEC Landran.

SOFTWARE COMPETENCIES

Operating Systems	:	Windows 7, Windows 10
Languages known	:	C, C++,Python, HTML, CSS, JavaScript
Database(s) known	:	SQL(basic), NOSQL(basic)
Other Interests	:	Embedded System, Robotics, Research Work

PROJECTS UNDERTAKEN

1. Project Name: Dynamic Fire Sprinkler System		
Environment	:	Arduino, Altium Designer, Proteus
Languages/Database	:	Embedded C

Project Description	:	<ul style="list-style-type: none"> Funded by DST, Gov under IEDC. Patent filled with no 201711034433 for its unique concept. Detecting the area where fire broke out and dynamic sprinkling of water in that area only. Designed to reduce the time & Fire Retardant required to extinguish fire. Live Broadcasting along with emergency message is forwarded to Fire station .
Your Role		Designing & Prototyping the System

2. Project Name: CanSat (Miniature Satellite)		
Environment	:	Arduino, LabVIEW, Proteus, XCTU, Eagle
Project Description	:	<ul style="list-style-type: none"> Miniature satellite which will able to record various parameters from the environment like pressure, temp, altitude, speed, GPS location and transmit those to the ground. Perform different mechanical operations at different altitudes like parachute opening. Miniature Satellite Designed for CanSat Competition 2018 which held annually in Texas, USA
Your Role		<ul style="list-style-type: none"> Electronic circuitry, Embedded Coding, GUI designing

2. Project Name: Radioday Website		
Environment	:	Wordpress
Project Description	:	<ul style="list-style-type: none"> This website was made for the annual college event. It includes Scheduling and event details. Domain name: www.radioday2k17.com
Your Role		<ul style="list-style-type: none"> Front End

EXPERIENTIAL LEARNING / INDUSTRIAL TRAINING

- Organization:** EESPL, Mohali
- Job Details:** Worked as an Embedded teacher.
- Successfully trained 50 diploma students of electronics and mechanical department of Rayat Institute of Information Technology, Ropar during their final year 6 weeks training.

INTERPERSONAL SKILLS

- Ability to listen someone and then giving ideas to him/her.
- Ability to communicate with unknown people.
- Leadership and Teamwork.
- Solving others problem both in personal and professional end.

EXTRA-CURRICULAR ACTIVITIES

- Actively participated in programming events organized at CGC, Landran .

- Hosted many events in college like Radio Day, Parivartan, teacher's day and selected as the head coordinator for the ECE department.
- Actively participated in various competitions and workshops.

HOBBIES/INTERESTS

- Browsing on internet to get updated with current affairs and issues.
- To interact with people to have the discussions on common issues.
- To watch motivational shows.

PERSONAL INFORMATION

Date of Birth : 19 September 1997

Gender / Marital Status: Male / Single

Language Proficiency: English, Hindi, Punjabi

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

_____(Signature)

Name:

Place:

Date :