

CURRICULUM VITAE

SUMMARY

An organized, detail-oriented and conscientious self-starter, able to strategize and prioritize effectively to accomplish multiple tasks and stay calm under pressure.

EDUCATION

Year/Session	Degree/Standard	University/Board	CPI/Percentage
2023	Online MBA(Operations)	Dr. D Y Patil University	--
2018	B.tech (Mech)	CSVТУ	66%
2014	10+2	CGBSE	60%
2011	10	CBSE	65%

AWARDS & ACHIEVEMENTS

1st Rank in Tech Model Expo, a university-level *technical model exhibition*.

1st Rank in Circuit Mania, a university-level *circuit designing competition*.

Consolation prize in Innovation-16, a national level open to all *technical model exhibition*.

Recognized as a **promising innovator** in K.P.I.T. Sparkle'16, an *all India contest for Engg Students*.

Consolation prize in H.I.T. Tech Awards 2015, a national level open to all symposium.

Secured **1st position** in an interdepartmental aptitude test conducted by *Career Launcher Bhilai*, which was organized by *Vista Club B.I.T. Durg*.

PROJECTS

1. **BCI Based Home Automation System for Old Aged, Paralyzed and Handicapped People:**

Raw neural data is collected using an EEG sensor and processed using a microcontroller for controlling electrical appliances, data transmission via Bluetooth technology.

2. **BCI Controlled Robot:**

A robot that responds to the electrical activity of the brain by receiving, filtering and processing data from an EEG sensor using a microcontroller, data transmission via Bluetooth technology.

3. **Online Industrial Pollution Monitoring and Control System:**

Continuous monitoring and control of industrial dust precipitators by using various sensors and microcontroller, data transmission via IoT.

4. **Health Monitoring System and Distress Signal Generator Band:**

Continuous monitoring of health parameters such as pulse rate, body temperature and skin moisture level by using various sensors and microcontroller, data transmission via Bluetooth.

5. **Home Automation, Safety and Security System:**

Continuous monitoring and control of home appliances, stand by safety and security systems using various sensors, actuators and microcontroller, data transmission via. Bluetooth & IoT.

CERTIFICATIONS

S. No.	CERTIFICATE TYPE	TOTAL CERTIFICATES
1.	<i>Internship</i>	3
2.	<i>Prize</i>	4
3.	<i>Workshop</i>	5
4.	<i>Campus Ambassador</i>	5
5.	<i>Event Organizing</i>	6
6.	<i>Conferences</i>	8
7.	<i>Training</i>	10
8.	<i>Participation</i>	14

CONFERENCES ATTENDED

1. Presented paper in **A Three Days National Exhibition & Symposium on Innovative & Futuristic Approaches in Science and Technology** organized by *Maulana Azad National Institute of Technology, Bhopal*.
2. Presented paper in **COMET'16** under the category Non-Conventional sources of energy, national level conference organized by MES at *IIT BHU, Varanasi*
3. Participated in **BITCON 2016**, Emerging Trends in Science, Technology and Management for National Development, a national level conference organized by *Dept. of Physics BIT, Durg*.
4. Participated in **BITCON 2015**, Innovation for National Development, national conference on nanostructured materials and their characterization, a national level conference organized by *Dept. of Physics BIT, Durg*.
5. Participated in **AICON'15**, a national level conference organized by *Dept. of Language and Literature, CSIT, Durg*.
6. Presented Paper in an **in-house conference**, a national level conference organized by *The Institution of Engineers Student Chapter, BIT, Durg*.
7. Participated in **URJA 2015**, Energy Harvesting Materials and Techniques for Sustainable Development, a national level conference organized by the *Department of Physics Govt. V.Y.T. P.G. Auto College, Durg (C.G.)*.
8. Presented paper in **H.I.T. Tech Awards Bhilai Chapter**, a national level conference organized by *GEC-NIT, Alumni*.
9. Presented paper in **CSVТУ TECH-FEST 2016**, a university-level conference organized by the *Chhattisgarh Swami Vivekananda Technical University*.
10. Presented paper in **CSVТУ YOUTH-FEST 2017**, a university-level conference organized by the *Chhattisgarh Swami Vivekananda Technical University*.

PROFESSIONAL WORK & VOLUNTEERING EXPERIENCE

1. **Product Designer** at *Bramhansh Technologies Pvt. Ltd.*
2. **Production Intern** at *Exo Solar Pvt. Ltd.*
3. **Intern** at *RoboShaastra, Robotech, I4U, ICE Infotech, DI Media, Digital Veda & JuteBag Store*
4. **Coordinator** (Sponsorship) at *CSVТУ Youth-Fest*
5. **Coordinator** (Event-Head Autonomous Robotics) at *CSVТУ Tech-Fest*
6. **Central Committee member** at *OJAS, BIT, Durg*
7. **Event Conveyor** (school student workshop) at *C.G.C.O.S.T.*
8. **Campus Ambassador** for various organizations at *B.I.T. Durg.*
9. **Volunteer** at *Rising Youth Foundation & Student Entity.*
10. **Mentor of Change** at *Atal Innovation Mission, N.I.T.I. Ayog.*

HOBBIES & INTERESTS

**Scrutinizing
Inventions**

**Reading
History**

**Naval Vessels
Technology**

**Gardening
D.I.Y.**

RELEVANT SKILLS & EXPERTISE

**Teamwork
Robotics**

**Adaptability
Automation**

**Flexibility
Aeromodel**

**Leadership
Python**

**Collaboration
S.M.M.**

TRAININGS

S. No	TRAINING NAME	TRAINING PROVIDER	TRAINING DURATION	TRAINING TYPE
1.	C++	NIIT Raipur	50 Hrs	Regular Training
2.	ARDUINO	Robo Shaastra, Bhilai	60 Hrs	Regular Training
3.	EMBEDDED SYSTEMS	Robo Shaastra, Bhilai	60 Hrs	Regular Training
4.	AVR & ROBOTICS	ROBOTECH, Bhilai	50 Hrs	Vocational Training-1
5.	AUTOMOBILE ENGG	Robo Shaastra, Bhilai	90 Hrs	Vocational Training-1
6.	CREO PARAMETRIC 3.0	Design Center, Bhilai	60 Hrs	Vocational Training-1
7.	ADVANCED ROBOTICS	Robo Shaastra, Bhilai	90 Hrs	Vocational Training-2
8.	P.L.C. & S.C.A.D.A.	Innovation 4 U, Bhilai	90 Hrs	Vocational Training-2
9.	M.I.T. APP INVENTOR-2	3 ETA Tech, Bhilai	30 Hrs	Regular Training
10.	S.E.O. & S.M.M.	3 ETA Tech, Bhilai	30 Hrs	Regular Training

PATENTS

1. **SYSTEM AND METHOD FOR REMOTELY CONTROLLING SCISSORING OPERATIONS:**
Patent Number: 337640
Application Number: 201921022810
Classification (IPC): A61B 17/00
2. **IMPROVED BONE CONDUCTION HEADPHONE DEVICE:**
Patent Number: 355889
Application Number: 201921017053
Classification (IPC): H04R0001100000, H04R0005033000, H04R0001280000, H04R0025000000

PERSONAL INFORMATION

Name : *Parth Dutta Nagaria*
Father's Name : *Mr R Nagaria*
Mother's Name : *Mrs V Nagaria*
Gender : *Male*
Date of Birth : *08th MAY 1995*
Languages Known : *Hindi (Bilingual proficiency)*
: *English (Professional proficiency)*
MBTI Personality Type : *INTJ-T*
Religion : *Hinduism*
Marital Status : *Single*
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: *parthnagaria@gmail.com*
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Permanent Address : *Raipur*

Temporary Address : *Raipur*

DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

I undertake to inform you of any changes therein, immediately.

Place: *Raipur*
Date: *01/01/2021*

PARTH DUTTA NAGARIA