Subrat Kumar Panda

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📍 Sambalpur

OBJECTIVE

To become a part of a successful organization offering responsibility and opportunities where I can explore and enhance my skills and knowledge, thereby contributing towards contributing towards the attainment goal

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EDUCATION

Bachelor of Engineering (B.E),

Electrical andElectronics Engineering (2017 - 2021)

Veer Surender Sai University of Technology, Burla
CGPA: 7.66/10 (till 5th Semester)

XII (Senior Secondary), Science
Year of Completion: 2017
CBSE Board (ODM International School, Patia, Bhubaneswar)
 Percentage: 89.80%

X (Secondary)
Year of Completion: 2015
CBSE Board (DAV Model School, IIT, Kharagpur)
CGPA: 9.80/10

INTERNSHIPS

Intern and Trainee Engineer
Signotron (Kolkata)
May 2018 - Jun 2018
The internship dealt with building transformers, chokes
and manufacturing PCB on an industrial scale.

Trainee Engineer

OPGC (Jharsuguda)
May 2019 - Jun 2019
The internship dealt with operation of a thermal powerplant
with a plant capacity of 660 MW per unit.

Trainee Engineer

Indian Railways Workshop (Kharagpur)
Oct 2019 - Oct 2019
The internship dealt with operation of a Railway Workshop
and maintenance of railway wagons and coaches

POSITIONS OF RESPONSIBILITY

- Secretary of Electrical & Electronics Society, VSSUT, Burla (2020-till Date)
- Technical Head of ROBOTICS Society, VSSUT, Burla (2019-2020)
- Project Lead of ROUV, ROBOTICS Society, VSSUT, Burla (2019-till Date)
- Project Lead of 3D printer, ROBOTICS Society, VSSUT, Burla (2019-till Date)
- Assistant Secretary of Electrical Society, VSSUT, Burla (2019-2020)
- Class Representative of EEE branch, VSSUT, Burla (2018-till Date)

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PROJECTS

Balance Bot
Jul 2018 - Jul 2018

The project involves dealing with raw values of a digital gyroscope and PID values

Gesture Controlled BOT
Jul 2018 - Jul 2018

The motion of such bot is based upon hand gestures

Prosthetic arm
Jun 2019 - Present

The project involves development of a low-cost prosthetic arm for the amputee patients using Muscle and Brain Wave sensors

Tri-copter
Apr 2018 - Present

The Project is a Traditional Unmanned Aerial Vehicle with 3 Multirotor.

Quad-copter
Apr 2018 - Present

The Project is an FPV Unmanned Aerial Vehicle with 4 Multirotor.

Laser Engraver
Aug 2018 - Present

The Project uses a blue laser of 450nm 3.5W, capable of engraving traces on wood, acrylate, Styrofoam

Stair Climber
Jan 2018 - Jan 2018

The Project involves a Robot capable of climbing up stairs

Custom Made 3D Printer
Aug 2018 - Present

The Project is Odisha's first low-cost student made 3D printer. The Printer is capable of printing up to a layer height of 75 microns

Ornithopter
Sept 2018 - Present

The Project is Unmanned Aerial Vehicle with a flapping wing mechanism relevant to Birds

Hexa-copter
Apr 2019 - Present

The Project is a Traditional Unmanned Aerial Vehicle with 6 Multirotor, Having waypoint navigation from ground station, Altitude hold, flight time of 30 mins and an external payload of 2.5 Kg

Remotely Operated Underwater Vehicle

Nov 2018 - Present

The project is designed to detect the underwater conditions, detect cracks of the dam, and survey about aquatic life, with both Automatic and semi-automatic mode

ACHIEVEMENTS

- Shortlisted for LNT Techgium Finals 2020
- Shortlisted for KPIT Sparkle Finals 2020
- Top 10 in e-Yantra 2019 by IIT Bombay and MHRD for 'Survey and Rescue Bot'
- Asia-Pacific Rank 4 at ASME e-Fest 2019 for '3D Printed Hovercraft Challenge'
- Asia-Pacific Rank 5 at ASME e-Fest 2019 for 'Student's Design Challenge'
- Top 10 in e-Yantra 2018 by IIT Bombay and MHRD for 'Ant Bot'
- 2nd rank among 40 entries in a line following bot event at RESONANCE 2K18 at VSSUT
- 1st rank in Balance bot event at NIT Rourkela
- 1st rank in Line following bot event at NIT Rourkela
- 1st rank among 50 entries in state level science quiz.

STRENGTHS

- Communication Skills.
- Management Skills
- Flexibility and Adaptability.
- Quick learner.
- Stress tolerance.

WEAKNESS

- Taking too many risks
- Being too honest
- Spontaneity

DECLARATION

I hereby declare the above-mentioned information is true to the best of my knowledge and I bear the responsibilities for the correctness of the above-mentioned particulars.

Place: Burla, Sambalpur
Date: 7th April 2020

Subrat Kumar Panda