SWATHI B

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CAREER OBJECTIVE:

To achieve a sound position in the corporate world and work enthusiastically with a team to achieve the goals of the organization.

EDUCATIONAL QUALIFICATION:

COURSE	UNIVERSITY	INSTITUTION	YEAR	AGGREGATE
B.E., (AERONAUTICAL ENGINEERING)	VISVESVARAYA TECHNOLOGICAL UNIVERSITY	ACS COLLEGE OF ENGG., BANGALORE	2018	64.30% (Till 6th sem)
P.U.C	KARNATAKA STATE BOARD	BGS PU COLLEGE, MALUR	2014	70%
SSLC	KARNATAKA STATE BOARD	VIVEKANANDA HIGH SCHOOL, MALUR	2012	74.56%

TECHNICAL SKILLS:

- Design applications: Solid edge.
- Analysis applications: Ansys.
- Language: Mat lab, basics of C programming.
- Operating system: Windows XP/Vista/7/8/10.
- Others: MS Office Tools (Word, Excel, PowerPoint).

ACADEMIC PROJECTS:

- Title: Design and Estimation of Lift distribution over a cylindrical wing using Magnus effect.
- Description: The thesis elucidates explanation of lift generation & its distribution over a cylindrical wing along span-wise based on several iterations with different plan forms.
- Role and Responsibility:
  - ✓ Literature survey of how the lift generates over cylindrical bodies.
  - ✓ Preparing a conceptual design considering Magnus effect.

- Title**:** A Study on Design & Working of a Magneto-plasma Dynamic Thruster.
- Description: Magneto-plasma Dynamic Thruster (MPDT) is currently the most powerful and accurate form of electromagnetic propulsion system. The contention comprehends and describes how the thrust is generated with the application of electromagnetic power in a space craft considering Lorentz Effect.
- Role and Responsibility**:**
  - ✓ Literature survey on Design Steps taken for the Thrusters.
  - ✓ Gathering information about the Materials used and its properties in Thrusters.

EXTRA ACTIVITIES & ACHIEVEMENTS:

INTERNSHIPS:

HINDUSTA N AERONAUTICS LIMITED. (REPAIR & OVERHAUL DIVISION) BANGALORE.

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- Study of Aircraft's behaviour throughout the flight including Taxing & Towing.
- Observing the manufacture of Honeycomb Structure.
- Observing the working of different Lathes & their processes and study on Pipe fittings.

Industrial visits:

- Hindustan Aeronautics Limited's Heritage Aerospace Museum, Bangalore.
- National Aerospace Laboratories, Bangalore.

- Presented a paper on **"Ionic Thruster and Magneto Plasmo Dynamic Thruster"** at **PRESENTECH'15** held at ACS college of Engineering, Bangalore.
- Participated in **Sambhram'16**, Competition of Designing and Fabricating Gliders, held at Sridevi Institute of Technology, Mangalore.
- Participated in **Cansat Workshop'17,** making of a satellite held at ACS college of Engineering.
- Participated in several competitions like Quiz, Paper Presentation and Science Talent etc. conducted in the institution.
- Have a handful experience in designing and fabricating RC Planes and Gliders.
- Elected as a **Student Council** in the student chapter of ACS College of Engineering, Bangalore.
- Have won **State level Pratiba Karanji** award for Folk Dance at Bagalkot.

HOBBIES:

- Reading Books
- Surfing Internet
- Dancing
- Listening to Music

PERSONAL INFORMATION:

- Name: SWATHI B
- Date of Birth: 12/06/1996
- Father Name: BABU
- Linguistic Proficiency: English, Kannada, Hindi, and Marathi

DECLARATION:

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

Place: Bengaluru

Date: