

AMIT PAWAR

M.Tech Hydro Power Engineering

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CAREER OBJECTIVE:

To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development where I can enhance my knowledge and skills by getting involved in challenging work and utilize them for personal and organizational growth to the best of my ability.

ACADEMIC:

M.Tech in Hydro Power Engineering 2017-2019
NIT, Bhopal
GGPA: 8.48 (out of 10)

B.E. in Mechanical Engineering 2011-2015
MET's Institute of Engineering, Nasik, Pune University
Percentage: 60%

12th Science from Maharashtra State Board 2010-2011
K.S.K.W. College, Nasik
Percentage: 70.67%

10th from Maharashtra State Board 2008-2009
St. Lawrence High School, Nasik
Percentage: 66.92%

TECHNICAL SKILLS:

Operating system: Windows XP, 7, 8 &10.

Application: Microsoft Office.

Software: NX CAD, Creo, AutoCAD, ANSYS CFX, ICEM, FLUENT, OpenFOAM.

THESIS / PROJECTS:

- **Design of Multistage Centrifugal Pump and Performance Analysis using CFD at NIT, Bhopal** [Thesis Project] (2018-19)
 - Study of performance characteristics of a single stage centrifugal pump on varying rotational speed and no. of blades and analysis of two stage pump for different no. of blades at a particular rotational speed.
- **Development of pneumatic system for waste pressurized air recovery at MET's Institute of Engineering, Pune University** [Thesis Project] (2014-15)
 - Exhaust air from the primary double acting pneumatic cylinder which is at low pressure is stored in small reservoir and further used to drive secondary low pressure pneumatic system which results in reducing the load on compressor.
- **Screw Turbine for Micro Hydro Power Plant at NIT, Bhopal** [Study Project] (2017-18)
 - It's an Archimedes screw which has helical surface (blades) surrounding the central cylindrical shaft. Water flows into the turbine and due to its weight it presses down the blades of the turbine which in turn forces the turbine to rotate the upper end of the turbine is connected to a generator through a gearbox.
- **Haptic Technology at MET's Institute of Engineering, Pune University** [Study Project] (2013-14)
 - Haptic is a technology that adds the sense of touch to virtual environment. It allow the user to feel as well as to see virtual objects on a computer. The feedback may be in form of force, vibrations, or motion to the user. This mechanical simulation can be used to assist the virtual world/ simulation.

ACHIEVEMENTS:

- Participated in project exhibition at Mechanical Engineering Department at MET's Institute of Engineering, Nashik.
- Qualified GATE-2017 with a score of 444 in Mechanical Engineering.
- Attended National Workshop on Modern Techniques to Maximize Efficiency of Pumps and Turbine Plants at CWPRS, Pune
- Presented my research subject at a National Seminar at Radharaman Group of Institutes, Bhopal.

PERSONAL DETAILS:

Date of Birth	10 th February, 1992
Gender	Male
Father's Name	Mr. Bhausahab Shrihari Pawar
Nationality	Indian
Hobbies	Travelling, Cricket, Football
Languages Known	English, Hindi and Marathi
Address	Radhe Row Bungalow A-1, Ganesh Colony, Ambad Link Road, Nashik, Maharashtra - 422010

DECLARATION:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

DATE – July, 2019

PLACE – Bhopal

(Amit Pawar)