**SWAPNIL TUPKARI Mob:**  **8483973772**

**Email ID: ftupkari@gmail.com**

**Phd Scholar in Aerospace Enginnering Dept.**

IIT Bombay (July 2018 to present)

**M.Tech in**

Advanced Automotive Technology (2013-2015) *CSIR- Indian Institute of Petroleum, Dehradun* (*a central govt. body*)

**B.tech (Mechanical Engineering-2011)**

*National Institute of Technology Durgapur, West Bengal*

**OBJECTIVE**

To have bright career in an organization related to design, development and analysis of engineering systems using modeling and simulation.

**SCHOLASTIC ACHIEVEMENTS:**

* Qualified GATE-2011, 2012(AIR:2785) and 2013(AIR:1290)
* Qualified All India Engineering Entrance Examination(AIEEE- 2007) with 98 percentile(AIR: 12835)
* Qualified MHT CET (Maharashtra CET,2007) with one among 1st 1.25% (For which 1,76,250 students appeared)
* Got Full Free ship from Student Aid Fund NIT Durgapur for the academic Year 2008-2009.

**E EDUCATION**

|  |  |  |  |
| --- | --- | --- | --- |
| **Examination** | **Board/Institution** | **Year of Passing** | **% Marks/CGPA** |
| PhD | IIT Bombay | -- | 8.57/10 |
| Post Graduate  (**Advanced Automotive Technology )** | CSIR- Indian Institute of Petroleum-Dehradun  (Uttarakhand) | 2015 | 8.5/10 |
| B.tech  (**Mechanical Engineering**) | NIT-DURGAPUR  (West Bengal) | 2011 | 8.46/10 |
| 12th Std. | MH State Board | 2007 | 80.33 |
| 10th Std. | MH State Board | 2005 | 88 |

**E SOFTWARE SKILLS**

Ansys -ICEM-CFD ,CFX,Fluent ,Matlab, Python ,OpenFoam,

**ACADEMIC PROJECT**

* Numerical Simulation of Flow Field in a Cyclone Separator using *ANSYS FLUENT*
* Numerical Simulation of Flow field in a 90deg, constant area Bend with *ANSYS FLUENT*
* Numerical Prediction of Subsonic Flow through Air Intake Diffusing Ducts in Turbulent Flow Regimes(Y-duct)
* Fluid structure interaction in Elasto-hydrodynamic contact using *ANSYS-CFX*

**PRACTICAL TRAINING**

* Vocational Training at Durgapur Steel Plant For duration of 2 weeks.
* Training on ANSYS ICEM CFD at Pune

**EXPERIENCE**

1. Project Assistant at IIT-Bombay

(Worked on Modeling Film Condensation)

1. Lecturer at Deogiri Institute of Technology and Management, Aurangabad(1 year)
2. Post graduate research student at CSIR IIP Dehradun(August 2013 to present)

**PERSONAL SKILLS**

Strategic & Innovative thinking, Good team work, Flexibility, Good Listener, Good Speaker.

**PERSONAL DETAILS**

Date of Birth: 20/05/1990

##### Correspondence Address : R.No 40, 1st Floor, Hanuman Road, IIT Market, Powai, Mumbai-400076

Extra Curricular Activities: Meditation, Yoga, Cooking, Surfing ,Watching Movies

*I hereby declare that the information given above is true and correct.*

Date: 17/08/2020 Place: Mumbai