

## RESUME

### Nilesh Ashok Palkar

Pragati Niwas, Plot NO:226/B/112

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### CAREER OBJECTIVE

To work in environment where I can explore different aspects of engineering. To challenge my learning and knowledge based application skills at every opportunity and hence enhance my capabilities by working with full potential resulting in personal as well as organization growth.

### EDUCATIONAL PROFILE

Bachelors in Mechanical Engineering From NDMVPS's KBT College of Engineering, Nasik under Savitribai Phule Pune University with 75.30 % aggregate.

Course	Institute/School	University/board	Marks	Year of Passing
BE. 4 <sup>th</sup> Year	NDMVPS's KBTCOE, Nasik	PUNE	74.06	2018
BE 3 <sup>rd</sup> Year	NDMVPS's KBTCOE, Nasik	PUNE	73.34	2017
BE 2 <sup>nd</sup> Year	NDMVPS's KBTCOE, Nasik	PUNE	75.67	2016
BE 1 <sup>st</sup> Year	NDMVPS's KBTCOE, Nasik	PUNE	78.14	2015
H.S.C.	K.T.H.M. College, Nasik	Maharashtra State Board	74.15	2014
S.S.C.	Madhyamic Vidyalay Untwadi, Cidco Nasik	Maharashtra State Board	90.91	2012

### ACADEMIC PROJECT

**Title :** Universal Inspection Guage For Engine Valves

**Discription :**

Inspecting dimensions of engine valves in one set-up. Design of inspection gauge which will inexpensive in terms of both human resource and setup. Systematic checking with marginally less timing . facilitate completely reliable manual inspection in time of breakdown of automatic system.

**Role :**

Modelling of system in CATIA V5

## ACADEMIC SEMINAR

**Title :** Study Of Optimization Of Front Wing Of Formula-1 Vehicle.

### **Discription:**

The aim of the seminar is to analyse a basic front wing of atypical formula one car using computational fluid dynamics (CFD). Commercial software gambit and fluent was used in this CFD analysis and solid works as tool for designing the front wing.

## SAEINDIA SUPRA: STUDENT FORMULA VEHICLE DESIGN AND MANUFACTURING

### **SAEINDIA SUPRA 2016-17 : Team Toracel Formula Racers.**

- ❖ Team Vice-Captain for team toracel 2016-2017.
- ❖ Design Air intake, braking, resolved engine problems and its electronics problems.
- ❖ Developed a totally new braking system for vehicle.
- ❖ Participation in all department of vehicle design and integration along with the sponsorship and funding.
- ❖ Most optimized vehicle inthe college history with the curb weight of 220kg.
- ❖ Shortest dimensions wheelbase and trackwidth with the lowest C.G of vehicle.

### **SAEINDIA SUPRA 2015-16: Team Toracel.**

- ❖ Design Air intake, braking, resolved engine problems and its electronics problems.
- ❖ Clear technical inspection with All India Rank 43.

## TECHNICAL SKILLS

- ❖ Basic Computer knowleged and technical skills.
- ❖ Certified course in BASIC CATIA From Access-CADD
- ❖ Knoeleged of Catia,Ansys,Mastercam And Autocad.

## CO-/EXTRA CURRICULAR ACTIVITIES

- ❖ Winner of Busineses Plan Presentation State Level Intercollegiate Competition 'UDAAN' 2016.
- ❖ Participation : SUPRA SAININDIA Student Formula 2017 (AIR 84 )
- ❖ Participation : SUPRA SAININDIA Student Formula 2017 (AIR 84 )
- ❖ Participation : Business Plan Presentation IDEA SPARK 2016.
- ❖ Participation : Bike-Mania 'METECH'16.

## VOLUNTEERING

- ❖ Organised National level Event MECHANZAA 2K17 as a PRESIDENT.
- ❖ Volunteer, Jan-Mar 17-IMAD-I Make A Difference, Youth organization working for uplifting underprivileged kids.
- ❖ Volunteer, July-Aug 17-IMAD-I Make A Difference, Youth organization working for uplifting underprivileged kids.

## PERSONAL INFORMATION

- Name : Nilesh Ashok Palkar
- Date of Birth : 12 November 1996
- Language Known : English, Marathi, Hindi.
- Address : Pragati niwas, Plot No. 226/B/112, Mahalaxmi Nagar, Ambad,Nashik-10
- Gender/ Status : Male, Unmarried
- Nationality : Indian
- Strength :Punctual, Flexibilty And adaptability , Positive Attitude, Quick learner.
- Hobbies : Social Work, Travelling and Trekking , Cricket

## DECLARATION

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

Date : 26/05/2018

Place : Nasik

**NILESH ASHOK PALKAR**