

## RESUME

**Name:** Sankalp Prakash Sonar  
**Email:** sankalpsonar242@gmail.com  
**Mobile No.:** +91-9766643518  
**Date of Birth:** 07/12/1997.  
**Address:** Ayodhya Nagari-3, Panchavati, Nashik-3.



### ASPIRATION

Seeking a career, where I can utilize my knowledge and skills in the field of mechanical engineering, which can offer professional growth while being innovative and creative.

### QUALIFICATION

Degree	University/ Board	Name of Institute	Year of Passing	CGPA/ %
BE Mechanical	Pune University	MET's Institute of Engineering, Bhujbal Knowledge City, Nashik.	2019	8
Diploma Mechanical	MSBTE	MET's Institute of Polytechnic, Bhujbal Knowledge City, Nashik.	2016	83.94
SSC	State Board	C.D.O. MERI Highschool, Nashik.	2013	89.27

### WORK EXPERIENCE

Name of Organization	Position	Period
Mahindra & Mahindra Ltd, Igatpuri, Nashik	Graduate Apprentice Trainee	Sept 2019 – Present

Role:

- ◆ Working under Plant Engineering department
- ◆ Involvement in automation and safety related projects on engine assembly line
- ◆ Design and implementation of Ergonomics and NVA reduction projects

### SUMMER INTERNSHIP

Pooja Industries

Plot No. L-26, M.I.D.C., Ambad, Nashik.

Duration: One month (15 May – 15 June 2017)

### ACHIEVEMENTS

- ◆ Appreciated for contributing in Automated Guided Vehicle at Mahindra and Mahindra, Igatpuri.
- ◆ Appreciated for coordinating a competition 'A World in Motion (AWIM)' by SAE India at Mahindra and Mahindra, Igatpuri.
- ◆ Appreciated for coordinating Founder's Day event at Mahindra and Mahindra, Igatpuri.

## PROJECTS

During Mahindra and Mahindra Trainee period:

Project Name	Aim
Safety Auto spring lock mechanism for engine transfer trolley	To eliminate engine falling issue from its all transfer trolleys and increase associate safety.
Engine crank case lubrication and air purging unit	To eliminate engine jamming issue while testing due to improper lubrication and dirt present on crank case.
AGV (Automated Guided Vehicle)	To develop AGV for increasing productivity, reduce work content and material handling.
Light weight trolley for kitting bin transfer	To develop light weight trolley for engine component transfer and eliminate ergonomics issue of associates.
Mechanical pusher arrangement for Engine	To transfer engine from one station to another on non motorized conveyor and eliminate pull push activity.
Engine cylinder head washing machine automation	To develop motorized conveyor with different units like tilting, turning, air purging and washing with reduction of one manpower and work content.
Making parts on Ultimaker 3D printer	To build small engine parts or prototypes with PLA or ABS material.

During Academics:

Project Name	Aim
Design and fabrication of tyre rim separator for two wheeler	To develop a low cost hydraulic machine for separation of tyre from its rim for reducing human efforts and time.
Design and fabrication of wind powered water pump	To develop a device that pumps water from a source for irrigation purpose by using renewable energy source.

## STRENGTHS

- ◆ Sincerity towards work
- ◆ Can work as a part of team
- ◆ Can work under changing environment
- ◆ Leadership
- ◆ Optimistic

## EXTRA CURRICULAR ACTIVITES

- ◆ Attained fire and safety training at Mahindra and Mahindra, Igatpuri.
- ◆ Attained a training program on RFID tags and sensors at Mahindra and Mahindra, Igatpuri.
- ◆ Attained training program on Managing Innovations for Sustainable Development, Nashik.
- ◆ Attained training program on Vehicle Overhauling, Nashik.

## TECHNICAL SKILLS

NX10, Creo Parametric, Solid works

Place: Nashik

Date:

Sankalp Prakash Sonar