

## Resume

**Swanand.P.Telpande**

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### Career Objective

To utilize my skills and knowledge gained during the period of time for the betterment of the Society. Using my creative ideas for developing advanced powerful efficient products that uplifts Nation as whole and try to bring advancement in the organisation I work for.

### Achievements

- Selected for Prime Minister Research Fellowship for Direct PhD in Materials Engineering, Indian Institute of Science, Bangalore.
- Ranked among Top 10 of 2018 graduating Batch with CGPA 8.33
- 2<sup>nd</sup> Runner up in "SMART CITY" Presentation Contest conducted by L&T
- 2<sup>nd</sup> prize in work presented in Students' Symposium 2017 held department of Metallurgy and materials engineering, VNIT, Nagpur

### Academics

DEGREE	INSTITUTION	UNIVERSITY	COUNTRY	YEAR OF COMPLETION	PERCENTAGE SECURED
Bachelor of Technology (B Tech) <b>Metallurgical and Materials Engineering</b>	Visvesvaraya National Institute of Technology, Nagpur (VNIT)	Visvesvaraya National Institute of Technology, Nagpur (VNIT)	India	2018	CGPA 8.33
Senior Secondary	Dinanath Jr. College, Nagpur	Maharashtra State Board	India	2014	90.00 %
Secondary	Hadas High School, Nagpur	Maharashtra State Board	India	2012	92.91 %

### B TECH FINAL YEAR PROJECT

Topic: - Synthesis of metal oxide nanostructures for catalytic application

ZnO nanoparticles are successfully synthesized using sol gel and gel combustion method. Graphene oxide is synthesized using Modified Hummers Method. rGO-ZnO nanocomposite is synthesized using facile hydrothermal synthesis. All are tested for their Photocatalytic activity by degradation of Methylene Blue Dye.

### **RESEARCH PROJECTS**

#### 1. Summer Internship 2017

Topic: Formation of Braze Plugs for Gas Turbine blade, mechanical testing of differently heat treated superalloys, and examination of TIG welded superalloys.

Intern at: Gas Turbine Research Establishment, Bangalore

#### 2. Summer Internship 2016

Topic: Aluminium Extraction and different Techniques of characterization

Intern at: Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC)

### **INDUSTRIAL VISITS**

1. BHILAI STEEL PLANT: 2 Weeks visit from 5<sup>th</sup> December 2016 to 17<sup>th</sup> December 2016.

2. HEAT TREATWELL, MIDC, NAGPUR: 1 Day Visit in December 2015.

3. WELDFAST ELECTRODES, MIDC, NAGPUR: 1 Day visit in December 2015.

4. PARAGON PAPER PACKAGING, MIDC, NAGPUR: 1 Day visit in December 2015.

### **SEMINARS/WORKSHOPS ATTENDED**

1. Presented Internship work carried out in GTRE in Students' Symposium 2017.

2. Characterization of Materials workshop held in VNIT, Nagpur in March 2018.

3. Failure Analysis of Materials workshop held in VNIT, Nagpur in December 2017.

### **ORGANIZING EXPERIENCE**

1. Part of organizing team of Metallurgical and Materials Symposium 2015.

2. Member of Navadurga Utsav Mandal, Somalwada, Nagpur since last 5 years.

### **EXTRA CURRICULAR ACTIVITIES**

1. Scored "A" grade in Elementary Drawing Examination.

2. Scored "A" grade in Intermediate Drawing Examination.

I hereby acknowledge that the information furnished above is correct to the best of my knowledge.

(Swanand Prashant Telpande)