

# PRANIL VORA

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## Professional Experience

### AHLSTROM-MUNKSJO

*R&D Intern*

Mundra India

June 2017

- Training of Reifenhäuser Reicofil 4 (SMMMS) producing medical nonwovens.
- Technical development of surgical drapes and gowns to protect patients and staff from infections.
- Data analysis and prediction of spin pack maintenance and probability of defects.

### SUPREME NONWOVENS

*Process and Quality Control Intern*

Vapi, India

December 2016

- Efficient running of Needle Punching lines and Chemical Bonding lines.
- Understanding of technicalities behind filters, Geo bags and Interlinings.
- Supported Quality Control lab with testing and quality checks.

### ARVIND DENIM PVT LTD

*Process, Quality, R&D Intern*

Gujarat, India

June 2016

- Spinning, Weaving, Rope Dyeing, Processing, Production Planning, R&D - The Denim Lab.

## Research Experience

### The Nonwovens Institute / NC State University

*Research Assistant*

Raleigh, NC

Aug. 2017 – present

- Critical Evaluation of Bio-based Polymers for Spunbond and Meltblown Nonwovens.
- Study of processing and composition of a product and technological developments along with market study.

### Center of Excellence in Nonwovens.

*Research and Innovation*

Mumbai, India

June 2016 – May 2018

- Developed new engine air filter which increases the burning efficiency of the fuel by reducing the particulate matter and other gases.
- Evaluated the market for such filters and presented in International conferences.

## Education

M.S., Textile Engineering | North Carolina State University

expected May. 2020

B.S., Textile Technology | D.K.T.E Textile Engineering Institute. India

June 2018

## Skills and Interests

*Computer:* Microsoft Office, Excel, CorelDraw.

*Technical:* R&D, Product development, Market Analysis, Lean Six Sigma.

*Languages:* English (proficient), Hindi (native), French (beginner).

*Interests and Affiliations:* Dancing, Reading, Cooking; Member of INDA, EDANA, AATCC, Textile Institute.

## Conference Presentations, Trainings and Additional Experiences

- Attended more than 20 international and national textile exhibitions and conferences.
- Advanced Nonwovens, Sustainability course from HOF University, Germany.
- Young Textile Person Award by The Textile Institute, London, UK.
- EDANA's R & D Student grant, Chemnitz, Germany (2017).
- Licentiate from The Textile Institute, London, UK.
- Felicitated for contribution to the textile industry by Commissioner of India, Ministry of Textiles.
- Published 2 review articles and 2 research articles.