

# Fellow Programme in Management (FPM) 2018

## Participant Details

**Name:** Arvind Shroff



**Area:** Operations Management & Quantitative Techniques

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**Work Experience:** Philips Lighting (3SC Solutions) – Senior Business Analyst – June 2017- June 2018

**Educational Qualification:** B.Tech (Industrial Design) from National Institute of Technology, Rourkela (2013-2017)

### Publications:

- Shroff, A. and Mohapatra, S. (2015). “Design, Development and Ergonomic Analysis of Load Carrier for an Indian coolie, 2015 HWWE Conference, IDC IIT Bombay, 279-283
- Patel, T., Sanjog, J., Chatterjee, A., Shroff, A., Prusty, S., Mohapatra, S. and Karmakar, S. (2015). “Design and Virtual Ergonomics Evaluation of Manual Powered Portable Paddy Thresher Suitable for Hilly Region Agriculture, Smart Innovations, Systems and Technologies (SIST) Volume-65, ICoRD 2017

### Research Projects:

- May - July , 2016

Summer Internship at RuTAG IIT Kanpur. I worked on improving the design of a Solar Thermal Dryer for drying of Amla Candies, thereby designing all its parts using 3D part modelling, drafting workbench in CATIA. I have taken a formal training in CATIA 3D Modelling from CTTC Bhubaneswar.

- June - July , 2015

A 21 days Summer Internship under Prof. Uttaran Dutta, Hugh Downs School of Human Communication, Arizona State University. It was dedicated to the fields of product, visual and communication designing.

**Awards/Honours:**

- First prize in Literary Excellence for the Institute level Debate organized by National Institute of Technology, Rourkela in 2014.
- 3rd Position in B-Plan presentation competition for Team RAPIDO under ASME NITR Chapter at National Go Kart Championship 2014

**Extra-curricular Activities:**

- Student Convener, International Students Meet (ISM) 2016
- Cultural Secretary, NIT Rourkela, 2014-16
- Sponsorship Team Lead, ASME NITR Chapter, 2016

**Areas of Interest:**

- Supply Chain Management
- Safety Stock & Inventory Optimization
- Demand Forecasting
- Facility Location & Network Design Study