

**Anubhav Saxena**

Program Leader at GE  
Chemicals

<http://www.directoryinventor.com/profile/view/gdqDS2PT>

## Experience

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### Program Leader

#### General Electric

10,001+ employees; Public Company; Financial Services  
January 2007 - Present

KEY RESPONSIBILITIES AND ACCOMPLISHMENTS ? Enabled Seamless integration with different cultures and geographies across the world (US, Germany, Italy, Japan, China) and effectively guided technologists for accelerated proprietary technology development and creation of a competitive advantage. ? Led R&D activities for 10 direct reports in silicone synthesis and product development. Also managed indirectly the cross-functional teams (analytical, IP, manufacturing, sourcing, regulatory, finance etc) ? Created enhanced focus on broader, bigger programs driven by global customer needs. ? Enabled commercialization of 3 patented technologies for global and Indian markets. ? Intellectual property: Led efforts on pilot studies for identifying new opportunities for business; FTP and patentability analysis; competitive monitoring ? Managed portfolio to bring focus in driving the most important and biggest impact programs by monitoring deliverables, milestones, timelines and guided team to identify potential risks. ? Designed and executed organization initiatives for building capabilities and driving innovation culture by engaging and motivating team ? Established strategic relationships with key Universities and external partners across India for tapping talent pool and collaborative projects.

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### Lead Scientist

#### General Electric INDIA TECHNOLOGY CENTRE

Chemicals  
October 2006 - December 2007

o Progressed to Lead scientist through increased responsibilities that included technical mentorship, R & D planning, identifying new mega trends and resolved critical product development. o Proactively drove an Expert Forum (16 member team of diverse expertise) to develop out of box ideas for establishing future pipelines for business and demonstrate via proof-of-concept.

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### Research Scientist

#### General Electric INDIA TECHNOLOGY CENTRE

Chemicals  
October 2004 - September 2006

o Designed and synthesized new silicone monomers for thermoplastics; polymerization of hard and soft block copolymers; development of new applications and structure-property relationships

## Post-doc fellow

Nara Institute of Science and Technology

Educational Institution; Higher Education

October 2002 - September 2004

Key words: polymer chemistry, silicon chemistry, weak non-covalent interactions, sensor, conformational behavior, nano-technology

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## Education

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**Indian Institute of Technology, Delhi**

Synthetic polymer chemistry (Silicon polymers)

1998 - 2002

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**Indian Institute of Technology, Delhi**

Modern Methods of Chemical Analysis

1997 - 1998

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**Indian Institute of Technology, Roorkee**

Organic Chemistry

1995 - 1997

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**Indian Institute of Technology**

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## Patents (9)

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**Free radical polymerizable compositions comprising ionic silicones**

Anubhav Saxena, Sandeep Naik, Pranav Ramchandra Joshi, Alok Sarkar, Monjit Phukan

September 16, 2014: 08835583

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**Biodegradable polyorganosiloxane demulsifier composition and method for making the same**

Monjit Phukan, Anubhav Saxena, Mayank Kumar Dubey, Antonio Palumbo, Kalman Koczo

July 15, 2014: 08779012

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**Curable compositions of ionic silicones**

Anubhav Saxena, Srividhya Marimuthu, Pranav Ramchandra Joshi, Alok Sarkar

April 22, 2014: 08703881

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**Process for the manufacture of silicone ionomer**

Anubhav Saxena, Alok Sarkar

April 15, 2014: 08697829

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**Hydrophilic silicone monomers, process for their preparation and thin films containing the**

## **same**

Kendall Louis Guyer, Kenrick Martin Lewis, Senthilkumar Umapathy, Anubhav Saxena, Yi Feng Wang  
April 1, 2014: 08686099

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## **Silicone compositions and methods for preparing them**

Vikram Kumar, Mark D Leatherman, Suresh Rajaraman, Anubhav Saxena  
March 4, 2014: 08664422

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## **Silicone compositions and methods for preparing them**

Vikram Kumar, Mark D Leatherman, Suresh Rajaraman, Anubhav Saxena  
September 3, 2013: 08524934

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## **Demulsifier compositions and methods for separating emulsions using the same (1 worldwide citation)**

Benjamin Falk, Kalman Koczo, Monjit Phukan, Antonio Palumbo, Anubhav Saxena  
June 12, 2012: 08198337

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## **Polyorganosiloxane demulsifier compositions and methods of making the same (1 worldwide citation)**

Anubhav Saxena, Monjit Phukan, Umapathy Senthilkumar, Ian Procter, Sigfredo Gonzalez, Kalman Koczo, Sabine Azouani, Vikram Kumar  
October 4, 2011: 08030363

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[View all \(9\)](#)