



2020 NATIONAL INVENTORS HALL OF FAME INDUCTEE

Born: Dec. 23, 1967

Primary Connection:

- Corning: Development Fellow, 1998-present

Education:

- Indian Institute of Technology Delhi: B.Tech., Chemical Engineering, 1990
- Yale University: Ph.D., Chemical Engineering, 1995
- University of Pennsylvania: Institute of Medicine, Postdoctoral Research, 1997-98

Key Memberships/Awards:

- American Chemical Society: Heroes of Chemistry Award (also presented to Dana Bookbinder and Ming-Jun Li), 2017
- Time magazine: ClearCurve® optical fiber was cited as one of the Best Inventions of 2007

10 Things You Need to Know About

Pushkar Tandon

Inventor of Bend-Insensitive Optical Fiber

U.S. PATENT NOS. 7,450,806; 7,903,917; 8,385,701

1. Tandon was born in 1967 in New Delhi, India.
2. He was one of about 2,000 students chosen to attend the Indian Institute of Technology Delhi (India) from an applicant pool of 500,000 high school students.
3. Tandon speaks to his father, who lives in India, at least once a week.
4. He is a member of Corning's Indian association.
5. He says Professors Daniel E. Rosner, a retired Yale University professor, and John Fenn, a 2002 Nobel laureate in chemistry, taught him "what innovation was about, what science was about."
6. Tandon believes true innovation happens at the intersection of multidisciplinary sciences.
7. He serves on the editorial board of Ceramics in Modern Technologies and as a reviewer for more than 20 leading journals in the areas of fiber optics, and chemical and glass/ceramic sciences.
8. Tandon has received Corning's Outstanding Publication Award and Development Excellence Award.
9. Tandon holds more than 140 U.S. patents.
10. He has 80 patent applications pending.