

## Faculty Profile

Name: **Dr. Sayaji Hande**

Designation: Professor

Teaching areas: Data Analytics, Machine Learning, AI (Domains: Clinical Trails, Pharma, Finance, Social Media, Process Flow / Resource Optimization)

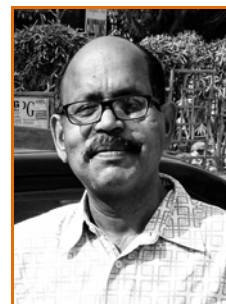
- An established *Data Scientist*
- *Multiple Patent* holder – that are used in Industry
- An Algorithmic Coder who build lossless compression techniques
- Built code modules in early stages of statistical tools, like SAS, RMS
- Has a *Purdue Ph.D.* and Graduate from *Indian Statistical Institute*
- *IIM-A* trained professional in Software Engineering
- Financial Engineering from *Tuck School, Dartmouth*
- *Board Member* of Universities
- Honorary Professor in B-Schools like IIFT

Research interests: Data Analytics and Related (details: [www.hande.in](http://www.hande.in))

Education: Ph.D (1992)- Statistics- Purdue University, West Lafayette, IN US

M.S (1989) –Statistics - Purdue University, West Lafayette, IN US

M.Stat (1986) – Indian Statistical Institute, Calcutta, India



### Professional Experience (selective): (Total 25+ years)

1. 2019-till date: Professor, ICFAITech, IFHE, Hyderabad.
2. 2010-13: Senior Research Scientist, Adobe Research, India
3. 2009-10: Chief Statistician, Ministry of Finance, CB&C, India
4. 2006-2008: Flagstone Re, Hyderabad India, Bermuda
5. 2005-06: Research Scientist, IBM Research
6. 1992– 94: Faculty, Indian Statistical Institute
7. GE Capital(2000-03): AVP of ACoE (Analytics Center of Excellence)

### Research / Selected Publications:

1. An End-to-End approach for Network Flows: Monte Carlo Simulation Methodology (IISA 2017 / IEEE Xplore 2019)
2. Selection of K-Seeds that give combined Maximum 'Value'(US Patent # 9524527, Granted – Dec 2016)
3. Naked Truths: Detecting Behavioural Anomalies & Patterns of Individuals & to Normalize the Overall Results (US Patent # 10318971, Granted – June 2019)
4. Modelling Content Spread in Social Media (US Patent Publication # 20150081609, March 2015)

See details at [www.hande.in](http://www.hande.in)