

# CURRICULUM VITAE

1. **NAME:** Nilesh Nilkanth Oak
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3. **EDUCATION:**

**MBA** (Finance, Accounting, M & A), 2008, Goizueta Business School, Emory University, Atlanta, GA, USA.

**M. S.** (Chemical Engineering), 1995, University of Alberta, Edmonton, Alberta, Canada. **Thesis Title:** Microphase characterization of Block copolymer blends (Cryo-ultramicrotomy, Transmission electron microscopy, Rheology, Differential scanning calorimetry)

**B. Chem. Engg.** (Chemical Engineering), 1990, UDCT, University of Bombay, Mumbai, India

4. **POSITIONS HELD:**

\***ADJUNCT ASSISTANT PROFESSOR**, School of Indic Studies, Institute of Advanced Sciences (January 2017 – present)

\***FOUNDER & DIRECTOR**, Bhima LLC (January 2012 – present)

\***ADJUNCT PROFESSOR**, College of Business, Clayton State University (January-2016-present)

\***SENIOR PRICING MANAGER**, Cox Automotive (June 2014 – July 2015)

\***PRICING LEADER**, GE Energy Services (June 2007 – June 2013)

\***GLOBAL RISK MANAGER**, GE Energy Parts Inc. (June 2005 – June 2007)

\***PROGRAM MANAGER (LEAN SIX SIGMA)**, GE Energy (March 2002-June 2005)

\***CORPORATE TRAINER**, GE (2000 – 2013)

\***OPERATIONS MANAGER**, GE Aero Energy Products (July 2000 – March 2002)

\***REGIONAL SALES MANAGER**, GE Polymerland/GE Plastics (March 1997-July 2000)

\***INSTRUCTOR**, Northern Alberta Institute of Technology (NAIT) (1997-1997) (Polymer characterization, Polymer Processing)

\***TECHNOLOGY ADVISOR**, Industrial Polymer Centre (Jan 1996-Dec 1996) (Association of Plastics Industry processors)

\***PROCESS ENGINEER & MARKETING**, Porta Test International (Jan 1995 – Dec 1995) (Oil-gas separation)

\***CONSULTANT**, UAEM (Jan 1993-May 1995) (Development and characterization of Superabsorbent polymers)

\***RESEARCH ASSISTANT**, Department of Chemical Engineering, University of Alberta (1991-1995)

\***TEACHING ASSISTANT**, Department of Chemical Engineering, University of Alberta (1991 – 1993)

\***VISITING FACULTY**, Augustana University College, University of Alberta, Canada (1992-1994) (Hinduism)

\***VISITING FACULTY**, Post graduate diploma in Oils & Paints, VJTI, Mumbai, India (1990-1991) (Chemical Engineering, Instrumentation & Process control)

\***TEACHING ASSISTANT**, UDCT, Mumbai, India (1990-1991)

\***RESEARCH ASSISTANT**, Indo-US Materials Science Program, UDCT, Mumbai, India (1990-1991) (Hydrodynamic and Mass-transfer characteristics of Multiphase reactors)

\***PROCESS ENGINEER**, PRODES, Mumbai, India (1990-1991)

\***CONSULTANT-PROCESS ENGINEERING**, Alkyl Amines India Ltd., India (1990-1991)

## 5. HONORS, AWARDS & FELLOWSHIPS

\***AUTHOR**, 'When did the Mahabharata war happen? The Mystery of Arundhati' (Danphe, 2011)

\***AUTHOR**, 'The Historic Rama: Indian civilization at the end of pleistocene' (Bhima, 2014)

\***BEST PAPER AWARD**, Swadeshi Indology Conference-2, Infinity Foundation (2017)

\***MASTER CORPORATE TRAINER** (Lean Six Sigma, Design for Six Sigma (DFSS), Advanced Robust Designs, Variance based Thinking(VBT), Statistical Tolerancing, Change Acceleration Process (CAP) (2000-2013)

\***MASTER BLACK BELT** (Lean Six Sigma, DFSS) (2005)

\***BLACK BELT** (Lean Six Sigma) (2002)

\* **WHO'S WHO** among students in American Universities & Colleges (2008)

\***ARTS DIETZ FACULTY AWARD** for Finance, GBS, Emory University (2008)

**\*ACCOUNTING ACHIEVEMENT AWARD**, GBS, Emory University (2008)

**\*MARKETING FACULTY HONOR AWARD**, GBS, Emory University (2008)

**\*INFORMATION SYSTEMS & OPERATIONS MANAGEMENT DISTINCTION AWARD**, GBS, Emory University (2008)

**\*HIGHEST ACADEMIC ACHIEVEMENT AWARD**, Executive MBA, GBS, Emory University (2008)

**\*MOST DIVERSIFIED PORTFOLIO AWARD** (Recognition by classmates of MEMBa – modular executive MBA program) (2008)

**\*PROFESSIONAL ENGINEER**, APEGGA, Canada

**\*GE COMMUNITY PROJECTS AWARD**, HOUSTON, TX

**FOUNDER – APAF FORUM**, HOUSTON CHAPTER

**LEADERSHIP – APAF**, TOASTMASTERS CORPORATE CLUBS

## 6. INVITED SEMINAR/CONFERENCES/SYMPOSIUM/WORKSHOP SPEAKER

**\*Swadeshi Indology conference-2**, New Delhi, India (Indira Gandhi National Centre for Arts & Infinity Foundation India.) Topic: A Critique of Pollock's 'self-evident claims' for the chronology of Mahabharata & Ramayana AND Assertion for the dating of Mahabharata & Ramayana events based on the internal astronomy evidence (18 February 2017)

**\*International conference on Sarasvati River**, Kurukshetra University, Kurukshetra, India. Topic(s): (1) Deciphering Sindhu-Sarasvati Script (with Suzanne Redalia Sullivan) and (2) River Sarasvati of Rigveda, Ramayana & Mahabharata (with Ashwini Parag Sahasrabudhe) (29-30 January 2017)

**\*World Ramayana Conference**, Jabalpur, India. Topic: When did the Ramayana happen? (19-23 December 2016)

**\*WAVES Conference**, New Delhi, India. Topic: Astronomy Poison Pills (16-18 December 2016)

**\*Press Club of India (Srijan Foundation)**, New Delhi, India. Topic: Dating of Ramayana and Mahabharata (10 December 2016)

**\*Pune Study Circle**, Pune, India. Topic: Antiquity of Indian astronomy (8 December 2016)

**\*MIDC – Pune Corporate club**, Pune, India. Topic: Follow your bliss- beyond work (8 December 2016)

**\*Bahushruta Vyakhyanmala**, Gopal High school & College, Pune, India. Topic: Chronology markers for Mahabharata & Ramayana (7 December 2016)

\***Jyotirvidya Parisamstha**, Pune, India. Topic: Applied Astronomy- Lessons from Mahabharata & Ramayana (6 December 2016)

\***Utkarsha Mandal**, Vile Parle, Mumbai, India. Topic: Fixing chronology of Mahabharata & Ramayana (4 December 2016)

\***The Coca Cola Company**, Atlanta, USA. Topic(s): Statistical Thinkers series, Design of Experiments, Design for Six Sigma, Dashboard & Metrics, Change Acceleration Process (2005-2017)

\***FPL University**, West Palm Beach, USA. Topic(s): Lean Six Sigma for Executives (2005)

\***FPL Executive council**, Fort Lauderdale, USA. Topic(s): Black Belt Six Sigma training workshop (2002-2005)

\***International Paper**, Cincinnati, USA. Topic: Operational excellence for Technology professionals (2003)

\***Dayton Power & Utility**, Dayton, USA. Topic: Optimizing power generation (2004)

\***Florence Learning Center**, Florence, Italy. Topic(s): Master Black Belt Lean Six Sigma Training, High performance facilitation, Design for Six Sigma (2002-2005)

\***Atlanta Dunwoody club**, Atlanta, USA. Topic(s): The Mystery of Arundhati (2011)

\***Augustana University College**, Augustana, Canada. Topic: Lectures in Hinduism (1992-1994)

\***Edmonton Hare Krishna Mandir**, Edmonton, Canada. Topic: 'Talks on Gita' -series (1993-95)

\***Calgary Hare Krishna Mandir**, Calgary, Canada. Topic: Isha-Goshti (various) (1997-2000)

\***Alberta Polymer Conference**, Edmonton, Canada. Topic(s): Block copolymer interphase microstructures, Characterization of polymer blends using Differential Scanning Calorimetry (1993-94)

\***Alberta Research Council**, Edmonton, Canada. Topic: Novel behavior of Polyethylene (1996)

\***Northern Alberta Institute of Technology**, Edmonton, Canada. Topic: Polymer processing (1996)

\***Calgary Industry Association**, Calgary, Canada. Topic(s): Various (Breakfast meeting) (1996-2000)

**\*Canadian Chemical Engineering Conference**, Quebec City, Canada. Topic: Microphase separation in Block copolymers using Transmission Electron Microscopy (1995)

**\*China Executive Learning Center**, GE, Shanghai. Topic(s): Customer executives seminars, Black Belt Lean Six Sigma training, Change Acceleration Process, Facilitation, Action workouts (2002-2005)

## 7. CORPORATE/INDUSTRIAL EXPERIENCE

**\*Business Consultant**, Bhima LLC (2012-present)

- Commercial segmentations of customer base with optimum deal strategies based on segmentation.

**\*Senior Pricing Manager**, Cox Automotive (2014-2015)

- Price Governance & Deal Discounting implementation for \$1.5 B business with 70 semi-independent locations.

**\*Pricing Leader**, GE Energy Services (2007-2013)

- Responsible for Market pricing strategy, price guidelines, win rate for \$1.6B Energy Services Sales for West region.

**\*Global Risk Manager**, GE Energy Parts Inc. (2005-2007)

- Responsible for fulfillment risk management of \$3B Energy turbines parts business and commercial risk management of \$800 MM transactional business.

**\*Program Manager**, Lean Six Sigma Training (2002-2005)

- Responsible for identification of M/BB talent and management of training programs for \$17B business with 13000+ employees globally.

**\*Operations Manager/Black Belt** – Balance of Plant, GE Aero Energy (2000-2002)

- Responsible for execution of Six Sigma projects & BOP operations. 45+% Growth in sales leading to effective execution of orders from \$150 M to 206 M.

**\*Regional Sales Manager**, GE Polymerland/GE Plastics (1997-2000)

- Accomplished an average of 25% growth per year in mid-west Canada. Achieved share shifting of businesses with net selling price higher by 20-25% than the competition. Sold the value, asked and got a premium with high trading margin in a commodity-dominated territory.

**\*Technology Advisor**, Industrial Polymer Centre, (1996-1997)

- Led membership drive for this startup organization with 300% increase in membership within a period of 8 months. Organized conferences, workshops, breakfast meetings and networking events. Marketed programs of the center to members and professionals.

**\*Process Engineer & New product commercialization**, Porta Test International (1995-1996)

- Commercialized and marketed company's patented product 'REVOLUTION' to multinational companies. Led a group of process engineers and designers to construct 20% scale down pilot facility to demonstrate the efficacy of 'REVOLUTION' to customers. The commercialization of 'REVOLUTION' increased company revenue by 50% (more than 500 units sold in 5 years).

**\*Research Consultant**, Advanced engineered Materials Center (1991-1995)

- Optimized initiator and catalyst concentration in pultrusion process, resulting in net savings of \$500K per year.
- Characterized new Super- absorbent polymers, resulting in doubling the absorption capacity (400 times per volume) over existing commercial products (200 times per volume).

**\*Research Assistant**, Indo-US materials science program (1990-1991)

- Studied hydrodynamics and mass transfer characteristics of Multiphase reactors.
- Reviewed scale up designed for bulk chemical production plants. Designed distillation and absorption columns

## 8. TEACHING EXPERIENCE

**\*Clayton State University** (Jan 2016 – present)

- Management Principles & Business organization
- Quality and Process management
- Business Statistics
- Managerial Communication

**\*GE Executive Training Center: Crotonville-USA, Florence-Italy, Shanghai-China** (2002-2013)

- Lean Six Sigma
- Customer Executive training (various)
- Change Acceleration Process (CAP)
- High performance Facilitations skills
- Action Workout
- Design for Six Sigma
- Train the Trainer (Lean, Six Sigma, DFSS, VBT)

- Experienced commercial Leadership Program

**\*GE Energy (2000-2005)**

- Green Belt Lean Six Sigma training
- Black Belt Lean Six Sigma training
- Master Black Belt Lean Six Sigma training
- Design for Six Sigma-Technology
- Design for Six Sigma – Commercial
- Customer executive sessions
- Lean action workouts

**\*Northern Alberta Institute of Technology (1995-1996)**

- Polymer characterization
- Polymer processing

**\*University of Alberta (1991-1995)**

- Transmission Electron Microscopy
- Differential Scanning Calorimetry
- Cryo-ultramicroscopy
- Thermodynamics

**\*Augustana University College, University of Alberta (1992-1994)**

- Hinduism

**\*VJTI (1990-1991)**

- Chemical Engineering
- Instrumentation & Process control

**\*UDCT (1990-1991)**

- Fluid flow & Transport phenomena

## 9. PUBLICATIONS

### BOOKS

**\*When did the Mahabharata War Happen? - The Mystery of Arundhati (2011)**

**\*The Historic Rama: Indian civilization at the end of Pleistocene (2014)**

**\*The Mahabharata: An Ancient Narrative (The series) (in works)**

**\*Bhishma Nirvana: Astronomy poison pill (in works)**

**\*Krishna's Dwarka: Astronomy, oceanography, climatology & seismology evidence**  
(in works)

**\*The Truth: How to measure, analyze and compare** (in works)