

Distinguished Alumnus Awards

March 10, 2014 - Foundation Day

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY



Young Alumni Achiever Awards

Daa
2014

Distinguished
Alumnus Awards



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2014

Young Alumni
Achiever Awards

Distinguished Alumnus Awardees 2014

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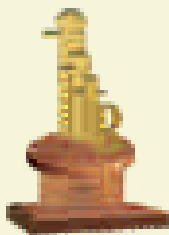
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IIT Bombay is recognized as one of the centers of academic excellence. The students graduating from the institute are of the highest caliber, who have reached positions of eminence in industry, business, public sector, academic and research institutions or as entrepreneurs. The Institute had long felt the need to recognize the alumni of IIT Bombay who have distinguished themselves in their field of work and done the Institute proud. With this intention the distinguished Alumnus awards have been instituted.

The first Distinguished Alumnus Awards (DAA) were presented on the occasion of Silver Jubilee Celebrations of the Institute in 1983. In 1996 the awards were made an annual feature and have been bestowed on a few distinguished alumni every year since then. The award is given on 10th March, the Foundation Day of IIT Bombay. The awardees receive a certificate containing a citation and a memento.



DAA
2014

**Distinguished
Alumnus Awards**



Dr. Ing. Anil Anwikar

B. Tech., 1964, Civil Engineering

Dr. Ing. Anil Anwikar is the Founder & Managing Director of ANWIKAR Consultants GmbH. The Consultancy firm was founded in Germany in the year 1992 and has since then designed and supervised over 300 outstanding structures of varied nature ranging from long span Bridges, movable Bridges, ferry Bridges, Hydro-mechanical structures to Cranes & Industrial structures. It has contributed towards further development of tied arch bridges with variable hanger inclinations. One of the biggest project awards recently won by ANWIKAR Consultants in an open competition in Germany is for the feasibility study, complete planning and structural design of a most modern steel bridge over NOK (canal connecting Baltic sea & North sea, which permits passages of Panama size ships).

Prior to founding the Company, Dr. Anwikar worked in Germany with a Steel Fabrication Company from 1973 for about 19 years. During 1987- 92 he was invited as guest professor at College of Civil Engineering in Wuerzburg. He was moreover, a Government authorized Structural Engineer in Germany for proof checking designs. Dr. Anwikar has designed both Concrete and Steel bridges, which is a rare mix of expertise. He was also a Chief Resident Engineer for local 'Autobahn Authorities' for various steel and concrete constructions for a stretch of 45 km of the famous 'German Autobahn No. A3'. He retired at the age of 68 years in the year 2010.

After pursuing his B.Tech. in Civil engineering from IIT Bombay in the year 1963, Dr. Anwikar got selected for a

"My mantra for success is hard work, a strong will power, sincerity towards work, never stop learning and being humble and respectful towards others,"

Dr. Ing. Anil Anwikar

scholarship for pursuing a Doctorate in Structural Engineering (Prestressed Concrete) in Germany. For him, IIT Bombay campus was an ideal and beautiful place to learn in a peaceful environment. "Professors at IIT Bombay taught us with utmost devotion. Since all students lived in hostels on

campus, we had a very close-knit student community. There was a tremendous scope for enhancing subject knowledge and it served as a strong foundation in my later years as an engineer," he informed.

Besides Germany, Dr. Anwikar has done some remarkable work in India as well. He was appointed as Proof Consultant by Indian Railways for proof checking of Bogibil (Assam) composite Rail cum Road bridge over the mighty Brahmaputra river (for two parallel Railway tracks, and a two lane highway on the deck-4.3 km long for rail & road traffic). The bridge has a unique design and construction method, which was adopted for only second time in the world, for a bridge of such a long length. Dr. Anwikar also had the opportunity to develop concepts for bridges for Western Freeway Sea Link Highway in Mumbai. He came up with an aesthetically appealing concept that blended the culture, tradition and faith of our country with modern engineering. Dr. Anwikar proposed Lotus Bridge in the shape of Lotus flower for the stretch across Marine Drive, which would have looked beautiful against the backdrop of a setting sun. His proposal was adjudged as the best by Maharashtra State Road Development Corporation and the project is still under consideration.

In his younger days, Dr Anwikar used to enjoy playing tennis with his family and friends. Indian tradition and culture are very close to his heart and he strongly believes that the lessons learned at home and schools serve him even today.



Mr. V.P. Baligar

B. Tech., 1978, Civil Engineering

Mr. V. P. Baligar is an Indian Administrative Service officer, presently holding the position of Chairman and Managing Director of Housing and Urban Development Corporation (HUDCO), a Central Public Sector Undertaking in the rank of Secretary to Government of India. During his tenure as CMD, HUDCO's rating has improved from 'Very Good' to 'Excellent' and it remained so for two continuous years. In fact, an Innovation Cell has been set up and many innovative products and processes have been introduced at HUDCO under his able leadership.

During his illustrious career as a civil servant, Mr. Baligar has contributed for the betterment of society in several ways. While working as the Deputy Commissioner, Mysore, he appointed a Scheduled Caste (Dalit) person as the priest of a temple for the first time in the Country. As Chief Secretary of the Zilla Parishath, Dakshina Kannada District, Mr. Baligar led the Total Literacy Campaign and with his efforts, it became the first District in the State to be declared totally literate. During his tenure as CMD, Karnataka Power Transmission Corporation, the rating of Karnataka went up from 5th position to 2nd in the Country in implementation of Power Sector Reforms. During his association with the Education Department, Mr. Baligar initiated more than 20 innovative campaigns/ schemes to improve the access, attendance and learning achievements of school children; and successfully universalized and implemented the Mid-day Meal Scheme for 50 lakh school children. As Secretary, Rural Development and Panchayat Raj, he further initiated steps to implement the 73rd Constitutional amendment resulting in transfer of more functions, funds and functionaries to Panchayat Raj Institutions. Karnataka received Rs. 3 crores award from Government of India for being the Second best State in the Country in strengthening Panchayat Raj Institutions. As a Principal Secretary, Commerce & Industries, he organized a Global Investors Meet in June, 2010 at Bangalore to attract investments into the State which turned out to a grand success. The list of his work is endless!

Mr. Baligar did his Bachelor of Technology in Civil Engineering from the Indian Institute of Technology Bombay

in the year 1978 and MBA from the Southern Cross University, Lismore, Australia. "The initial memory I have of IIT Bombay is of my first interaction with the seniors in the 'Marine Drive' of 'Lady of the Lake' (H-7) and doing cart-wheels for them, which ultimately led to my selection in the IIT Gymnastics Team and provided me an opportunity to represent IIT Bombay twice in the Inter IIT Sports Meet. I also remember a day, when thirteen of us (not 3 idiots!!!!) were playing Kiti-Kiti in the class room when Prof. JSR Murthy entered the class and went back saying "Sorry I think I have come to the wrong place!" We had to request him to come back and take the class," he recalled. The 'Gali Competition' between Hostel-7 and Hostel-9 when the power went off; Late night long walks to the IIT Gate to have hot samosas and sugar cane juice to relive the stress of quizzes and tests; Leading IIT Bombay Kabaddi team to victory in the Inter-IIT Sports Meet at Chennai; and Finally, coming back to the campus in 1978, along with parents, sister and brother-in-law, to receive the 'Institute Silver Medal' at the graduation ceremony, are the part of Mr. Baligar's fond memories of his undergrad days at IIT Bombay.

"I have followed only one mantra for success – work is worship,"
Mr. V.P. Baligar

Prior to being appointed as the CMD of HUDCO in April 2011, Mr. Baligar has worked as the Principal Secretary to the Government of Karnataka in Commerce & Industries Department, Infrastructure Development Department; Chief Minister's Office; and Rural Development & Panchayat Raj Department, between 2003 and 2011. During 1998-2003, he held different positions including Commissioner for Public Instructions, Chairman & Managing Director, Karnataka Power Transmission Corporation and Commissioner of Industrial Development. He has moreover worked in Government of India for several years during 1991-98, as Deputy Educational Adviser and Director in the Ministry of Human Resource Development (MHRD), Private Secretary to Minister of Surface Transport and Private Secretary to Minister of Human Resource Development and during 1987-91, worked as Chief Secretary, Zilla Panchayat, Joint Commissioner, Commercial Taxes, Deputy Commissioner & District Magistrate, Mysore and Deputy Commissioner, Bangalore City Corporation. Before joining the IAS, Mr. Baligar has briefly worked for a year in Tata Consulting Engineers.

Mr. Baligar has been bestowed with the 'Dr. Ambedkar Award' by the Government of Karnataka in recognition of the service to the weaker sections of society. He has participated as speaker/ panelist in several national and international conferences including UNHABITAT, World Urban Forum, FAO, CITYNET, etc. He also writes in Kannada and has published two books of Poetry and one book of articles on administrative experience.



Mr. Ashish Kumar Chauhan

B.Tech., 1989, Mechanical Engineering

Mr. Ashish Kumar Chauhan is the MD and CEO of Bombay Stock Exchange (BSE). At BSE, his mission involves reviving the BSE into prominence. His efforts have been able to create a derivatives market at BSE from scratch to more than 20% market share within a short span of one year. Trading volume in BSE exceeded Rs. 1.77 lakh crore in a single day under his leadership.

He also serves on the Board of Directors of Indian Clearing Corporations Limited (ICCL), Central Depository Services Limited (CDSL), Bank of India Shareholding Limited (BOISL), BSE Training Institute Limited (BTI), BFSI sector Skill Council (A section 25 company) and Marketplace Technologies Private Limited, and on the Board of Governors of Indian Institute of Information Technology (IIIT), Jabalpur.

Mr. Chauhan is one of the founders of National Stock Exchange, (NSE) which is considered as the largest exchange in the world by number of trades. His contribution to the field include, Implementation of first two way commercial satellite network in India in 1994 using TDM/TDMA technology and of first screen based trading system in India in 1994 at NSE; Introduction of internet based securities trading in India; Creation of automated examination system for financial markets - NSE's certification in financial markets with more than 1 million students certified by now; and Creation of modern organized financial derivatives market for India at NSE. He has introduced mobile securities trading in India at BSE 2010 and has furthermore, initiated the largest and the fastest trading system in India.

Mr. Chauhan holds a B.Tech. in Mechanical Engineering from IIT Bombay (1989) and PGDM from IIM Calcutta (1991). During his college days, he was an active participant in the extra-curricular activities at IIT Bombay such as Mood Indigo, Sportsfest, Tarang and Spic Macay, to mention some. "Interacting with some of the best minds (students and faculty) in the world, while staying at IITB campus for four years, has made me humble and at the same time, encouraged me to think positively. The training to solve problems and think out of box, even under tough conditions, is the most important gift given to me, by the Institute. I also realized that more than brilliance, it is the sincerity and hard work that finally matters," added Mr. Chauhan, who made his best friends at IIT Bombay.

Mr. Chauhan started his career with Industrial Development Bank of India as a Project Finance Officer (1991-93). During 1993-2000, he worked as a five-member team to set up and operate National Stock Exchange (NSE). Due to his work in setting up modern exchange traded financial derivatives in Indian markets at NSE from 1995 onwards, he is known as the 'father of derivatives' in Indian finance. He was instrumental in creating NSE-50 (Nifty), the most traded index in derivatives in India, NSE's certification in Financial Markets (NCFM), IPO through screen and several other innovations in the Indian markets. In addition, he was instrumental in setting up initial Information Technology infrastructure including the first commercial satellite telecom network in India for NSE. He was also involved in conceptualization of National Securities Clearing Corporation (NSCCL) and initial set up of National Securities Depository Limited (NSDL) in a minor way.

During his tenure with Reliance Group, from 2000-2009, Mr. Chauhan worked as the Group Chief Information Officer (CIO). He was moreover, involved in setting up Information Technology for Reliance Communications, Reliance Retail, Reliance Oil and Gas, Reliance Life Sciences and several other businesses within Reliance group. During this period, he was ranked amongst the top 50 CIOs in the world by several magazines and institutions. He also acted as a CEO and Managing Director of Reliance Infosolutions Limited, which led to the Group winning several International and Indian awards for the most effective IT utilization. From July 2005 to August 2008, Mr. Chauhan handled additional responsibilities as the Head, Corporate Communications for Reliance Group. Interestingly, he has also served as the CEO of 'Mumbai Indians' cricket team.

*"I have just one advice to give -
Add value to yourself every day," Mr. Ashish Kumar Chauhan.*

Mr. Chauhan has won several International and Indian awards in areas including business transformation and providing the best IT solutions for different industries he has worked for, including stock markets, petrochemicals, telecommunications etc. Some of such awards are - British Parliament, British House of Commons, Indo-British Business Forum, UK, London, Transformational Business Leadership for Bombay Stock Exchange, October 2013; Zee Business - Transformational Business Leadership for Bombay Stock Exchange, July 2013; Most influential 63 Gujaratis in the world, Chitralkha (Widest circulation having Gujarati Magazine in Indian and abroad), 2012; Top 50 CIOs (world), Information Week, US, 2009; The NASSCOM - CNBC TV 18 IT User Award, Manufacturing Sector, November 2008; Indian Most Admired Knowledge Enterprise (MAKE) Award, KNOW Network, November 2008; Bronze Winner, Excellence in Information Integrity (EII) Award, for profit category, Information Integrity Coalition (IIC), US, October, 2008; CIO Excellence Award, Chemical Week, Florida, US, 2007; and CIO-100 award (Ranking of 100 CIOs in the world) CIO Magazine, California, US, 2005, besides many many more.

Not many people are aware that Mr. Chauhan serves on the Advisory Board of 'Lend-A-Hand India', an NGO working in the field of providing vocational training, financial assistance and continual support to rural youth across India, as well. He enjoys reading, playing cricket and listening to music in his leisure time.



Mr. Toos Daruvala

B. Tech., 1977, Electrical Engineering

moreover, contributed to numerous publications such as *The Economist*, *Banking Strategies* and *the American Banker*, and is a frequent speaker at industry forums such as *Securities Industry and Financial Markets Association (SIFMA)*.

His hobbies includes classical music, bridge and skiing. Not many people know that he is also an instrument-rated pilot and enjoys flying on weekends.

Mr. Toos N. Daruvala is a Director (Senior Partner) in the New York Office of McKinsey & Company. He has served a broad range of Financial Institutions and Information/ Transaction Service organizations, on a wide variety of issues including corporate strategy, line-of-business strategy, operational performance improvement and organization effectiveness.

Mr. Daruvala joined McKinsey & Company in 1983; he was elected Principal in 1989 and a Director in 1995. He currently leads McKinsey's Risk Management Practice in America, and prior to that, led the Banking and Securities Practice in America. As part of his work at McKinsey, he has led client service to a range of global financial institutions.

Mr. Daruvala holds a Bachelor of Technology degree in Electrical Engineering from the Indian Institute of Technology Bombay and an MBA from the University of Michigan, Ann Arbor. "I have some wonderful memories of deep lifelong friendships, of swimming in Powai Lake, Mood Indigo in its

"My mantra for success is work hard; focus on a few things that matter; and be helpful to others,"

Mr. Toos N. Daruvala.

early days, musical sessions and long chats over several cups of chai at IIT Bombay" he said. Mr. Daruvala fondly remembers his

teachers, Prof. MS Kamath and Prof. KC Mukherjee at the Institute as well.

Mr. Daruvala serves on the Advisory Board of the Ross Business School at the University of Michigan, Ann Arbor. He is a member of the Board of the New York Philharmonic. He in addition, serves on the global Board of McKinsey & Company, and of McKinsey's Investment Office. Mr. Daruvala has written extensively on the future of the global banking industry, and its post-crisis outlook. He has also spoken at multiple banking and risk management forums. He has



Dr. Shyam Dighe

B. Tech., 1974, Chemical Engineering

Dr. Shyam Dighe is the President & CEO, AquaSource Technologies Corporation, North Huntingdon, Pennsylvania. AquaSource Technologies Corporation provides wastewater treatment service to the shale gas drilling companies. Dr. Dighe has played a pivotal role in developing a high temperature plasma technology for treatment of municipal solid waste (MSW), which is currently helping many countries like India, UK and China to handle environmental issues created by disposal of MSW and other toxic & hazardous wastes.

In 1999, Dr. Dighe founded the Westinghouse Plasma Corporation (WPC), which he formed after purchasing the plasma division from Westinghouse Electric Corp., Pittsburgh. During his 19 year career with Westinghouse, Dr. Dighe was responsible for the management of all operations at the Westinghouse Plasma Center located at Waltz Mill site, Madison, Pennsylvania. Under his leadership, WPC built four commercial plants worldwide utilizing plasma technology for the conversion of municipal solid waste (MSW) and other hazardous wastes to useful electricity. Two MSW-to-energy plants were built in Japan with the participation of Hitachi Metals Ltd. The other two waste-to-energy plants were built in India to treat hazardous wastes in Pune and Nagpur by SMS Infrastructure Ltd. WPC was then sold to Alter NRG Corp, a Canadian public corporation, in 2007. Dr. Dighe continued as the President of WPC until 2009. In 2010, he started Dighe Technologies Corporation (DTC), a holding company, to develop plasma projects. AquaSource Technologies was started in 2011.

Dr. Dighe received his B. Tech. in Chemical Engineering from IIT Bombay in 1974. Spending time at Y-Point Gate drinking tea and coffee with friends, is a part of his special memories of IIT Bombay. He obtained his Ph.D. in Chemical Engineering in 1979 from Carnegie Mellon University in Pittsburgh, PA, and later an MBA in 1989 from the University of Pittsburg, PA

Dr. Dighe has 14 US patents to his credit, in the areas of fuel cells, high temperature plasma technology, toxic and hazardous waste destruction, iron & steel industry, crude oil refining and upgrading, and prevention of undersea oil leaks. In addition, four new US

"I try to follow the advise given by my parents - take genuine interest in people you meet without expecting anything in return. It is based on the Bhagvad Gita principle of 'Karmanye Vaadhikaraste Maa Phaleshu Kadachana' ," Dr. Shyam Dighe.

patents have been applied for the conversion and treatment of toxic and hazardous waste-water generated by the drilling activities in the shale gas formations. Dr. Dighe is the recipient of the 'Westinghouse Corporate Special Award' (1988), 'George Westinghouse Innovation Award' (1994), 'Westinghouse Signature Award of Excellence' (1994), and the 'American Foundrymen's Society's Howard Taylor Award' (1986) which he received for developing the Plasma-Fired Cupola for use in melting foundry scrap. In 1985, Dr. Dighe was deputed to India as an U.N. expert on plasma technology under the United Nations Development Program (UNDP). He is a member of several professional organizations including American Institute of Chemical Engineers; American Foundrymen's Society; The Scientific Research Society of North America; National Society of Professional Engineers; and The Minerals, Metals & Materials Society. He is a registered Professional Engineer (Pennsylvania). Dr. Dighe has published several peer-reviewed papers.

An avid traveller, he enjoys exploring new destinations with his family members.



Dr. Rajesh S. Gokhale

M.Sc., 1990, BioTechnology

Dr. Rajesh S. Gokhale is the Director of CSIR-Institute of Genomics and Integrative Biology (CSIR-IGIB). He has led interdisciplinary initiatives that have spawned new avenues in the area of functional genomics research and healthcare. He is also Co-founder of Vyome Biosciences (VYOME), a biopharmaceutical company developing best in class drugs for dermatology care utilizing genomics knowledge. He has previously worked as Staff Scientist at National Institute of Immunology as well.

Dr Gokhale's scientific contributions have earned him international recognition in understanding tuberculosis pathogenesis, with a focus to understand complex cell envelope coat of mycobacterium - a unique feature of this pathogen. His research has provided new insights into the chemico-cellular trestle of mycobacteria, providing new opportunity to delineate remarkable dormancy dynamics of this infectious agent. He has now set up a major programme in the area of understanding skin pigmentation homeostasis, with particular interest in delineating chronic unpredictable disfiguring disorder vitiligo.

My mantra for success is "dream big and do not be afraid to fail,"

Dr. Rajesh S. Gokhale.

After completing his MSc in Biotechnology from Indian Institute of Technology Bombay, Dr. Gokhale completed his Ph.D. from Indian Institute of Science (IISc), Bangalore, in the area of Protein Folding and Stability and then carried out postdoctoral work at Stanford University in Polyketide Synthases and secondary Metabolite Biosynthesis. Earlier, he did his graduation in BSc Chemistry from Delhi University. "Since Biotechnology was a new group then, there was a tremendous emotional connect between faculty members and students of IIT Bombay and it turned out to be a truly inspiring and determining phase of my career. Other activities on-campus and the H8 folks, C1Rites specially, all are very special

to me," he remarked.

Dr. Gokhale is recipient of several honours and awards including, the Infosys Prize 2013 in Life Sciences, India; Howard Hughes Medical Institute International Research Scholar, USA; Swarnajayanti Fellowships, India; Shanti Swaroop Bhatnagar Prize in Biological Science, India; and National Bioscience Award for Career Development, India, and Wellcome Trust Senior Research Fellow, UK, to mention prominent ones.

He is a member of several Scientific Advisory Committees and is also a section editor of Tuberculosis journal and on the advisory board of Natural Product Reports. He is a Fellow of Indian National Science Academy (F.N.A.), New Delhi, Fellow of the National Academy of Sciences (F.N.A.Sc.), Allahabad, and a Fellow of Indian Academy of Sciences (F.A.Sc.), Bangalore. Dr. Gokhale is furthermore, a Honorary Faculty member with Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.

Dr. Gokhale is a sports enthusiast and strongly believes that sports is a great leveler and thus crucial to maintain balance in life. His other passion is reading.



Mr. Ram V. Kelkar, CFA

B. Tech., 1980, Electrical Engineering

Mr. Kelkar is Principal, Managing Director and Global Head of the Capital Markets Group at Milliman in Chicago, Illinois. He has a rich experience of over 25 years on Wall Street and in the global Capital Markets as Managing Director in Capital Markets and Derivatives at Citigroup and at Merrill Lynch, in New York and in London, including a role as Global Head of Public Structured Bonds.

For more than two decades, Mr. Kelkar has been providing trading and risk management advisory services to major global corporations, in the area of financial derivatives. He has moreover, been giving advice in the area of financial risk management and capital markets, including helping structure and underwrite a major portion of bonds issued in global markets for the World Bank to provide funding for its development and lending activities. He has in addition, designed a chip at Amdahl Corporation in Sunnyvale, California, and was a member of the Amdahl 580 team that designed the world's fastest mainframe computer in 1985. He is a Board Member of the Indo-American Center, a Chicago-based non-profit organization as well, whose mission is to

*"I believe in 'Carpe diem' and
'Karmanye Vaadhikaraste Maa Phaleshu Kadachana',"*
Mr. Ram V. Kelkar

promote the well-being of South Asian immigrants through a range of services that facilitate their adjustment, integration, and friendship with the wider society.

After graduating from IIT Bombay in Electrical Engineering in 1980, Mr. Kelkar did an M.S. in Computer Science from University of Wisconsin-Madison, Wisconsin, US in 1982 and an MBA (Finance) from The Wharton School, University of Pennsylvania, Philadelphia, Pennsylvania, US in 1987. Even after so many years, he has maintained a strong connect with IIT Bombay. He is the Co-founder, current Trustee Emeritus

and Former President of the IIT Bombay Heritage Foundation (IITBHF) in the US. He worked with IIT Bombay and distinguished alumni in helping CBS News produce the seminal '60 Minutes' segment about the IITs in 2003 titled 'Imported from India' which proved to be a tipping point in establishing the global brand of the IITs in the US and around the world. For his notable contributions to his alma mater, Mr. Kelkar was felicitated by the Institute with the 'IIT Bombay Distinguished Service Award' in the year 1999.

Mr. Kelkar started his professional career in finance sector with Citigroup/ Salomon Smith Barney way back in 1987, which was followed by stints at Merrill Lynch, Marsh Inc. and Allstate Insurance. In 2008, he joined Milliman. Presently, as the Global Head of Capital Markets Group at Milliman, Mr. Kelkar is responsible for the management and oversight of derivatives trading for hedging programs for life insurance company liabilities, funds, pensions and endowments. He manages trading teams located in Sydney, London and Chicago, that execute risk management strategies for over \$80 Billion in assets globally, as one of the largest derivatives portfolio fund managers in the world.

Mr. Kelkar's interests lie in hiking, mountaineering and travelling. He is a Columnist for rediff.com and India Abroad, the weekly newspaper of record for the Indian-American community.



Dr. Kasim A. Mookhtiar

M.Sc., 1980, Chemistry

Dr. Kasim A. Mookhtiar, is a Co-founder and Chief Scientific Officer of Advinus Therapeutics Ltd, India's first innovative pharmaceutical research and development company, a Tata Enterprise, based in Bangalore and Pune. At Advinus, he heads the team working on Drug Discovery, which is located in Pune.

Dr. Mookhtiar is globally acknowledged as one of the pioneers of Drug Discovery in India. He is recognized as a 'drug hunter' in the field of metabolic disorders and age-related diseases. One of the early returnees to India as part of the 'reverse brain drain', Dr. Mookhtiar founded Advinus (which is an acronym for ADVantage INdia USa) India's first pure pharmaceutical R&D company and initiated India's first Risk/ Reward Drug Discovery Collaborations with Merck, Novartis, Johnson & Johnson and Takeda.

He graduated from five-year integrated MSc in Chemistry of Indian Institute of Technology Bombay, specializing in the area of Synthetic Organic Chemistry in the year 1980. He later obtained a doctoral degree from the Institute of Molecular Biophysics, Florida State University, Tallahassee, Florida, USA. His graduate work encompassed biochemistry, protein chemistry, enzyme kinetics and inhibition and resulted in a dissertation entitled "Purification, Inhibition and Mechanistic Studies of Clostridium histolyticum and Human Neutrophil Collagenases". Dr. Mookhtiar followed up his graduate work with a postdoctoral stint at Yale University School of Medicine, where he investigated the basic mechanism of transcription in the process learning Molecular Biology and Structural Biology by two dimensional NMR. This diverse training enabled him to develop a mindset that the best solution to a problem may not be restricted to the specific area of expertise but may lie in taking a diverse approach. He is truly fascinated by the application of non-traditional technologies to solving challenging problems. "The best years of my life were ofcourse spent on IIT Bombay campus, in building life-long friendships, learning about scientific research, honing leadership qualities, developing inter-personal and oratory skills, learning how to play a guitar and

having endless hours of fun and entertainment," shared Dr. Mookhtiar. He moreover, recalled Hostel 6 as the Wild Wild West of IITB campus and a hub of exciting and adventurous activities.

Dr. Mookhtiar began his professional career at Metabolic Diseases Drug Discovery group at the Bristol-Myers Squibb (BMS) Pharmaceutical Research Institute in Princeton, NJ, USA, where he worked from 1992 to 2003. Early in his career he pioneered the Diabetes and Obesity programs at BMS and was then entrusted with the task of forming the Department of Aging Research in Drug Discovery, a novel and cutting edge area for both basic and applied research. As Director, he was responsible for the strategic planning of this area and was also

*"Follow your passion with an open mind and
with humility!"*

Dr. Kasim A. Mookhtiar

involved in numerous strategic efforts in the wider BMS activities. In 2003, Dr. Mookhtiar returned to India as Vice President, New Drug Discovery Research, at Ranbaxy Laboratories Limited. In two years, he built a team of over 200 scientists from multiple disciplines to form a productive and creative group of drug hunters with a culture of innovation and teamwork. This tenure gave Dr. Mookhtiar the experience of working in India, which contributed to his successful co-founding of Advinus.

He is a proud recipient of 'Outstanding Alumnus Award' from Christ Church School, Mumbai; 'National Research Service Award', USA, 1989-1992. He is moreover, a member of Technovision 2035 Healthcare and Life Sciences Committee, Government of India.

Besides Drug Discovery, Dr. Mookhtiar is fascinated by the world around him. His interests are wide and varied, from playing the guitar and writing poetry to traveling and gardening. He reads and watches movies or just 'hangs out' with people to relax. He is a self-proclaimed 'Beatle maniac' and a rabid, air guitar-playing Rock and Roll fan. Vincent Van Gogh and Jimi Hendrix are his favourite artists.



Mr. Suresh V. Shenoy

B. Tech., 1972, Metallurgical Engineering

Mr. Suresh V. Shenoy is Executive Vice President of Information Management Consultants (IMC), Inc., a McLean, Virginia, USA, based systems integration and consulting company. Prior to joining IMC, Mr. Shenoy owned and operated several engineering companies in Massachusetts, USA.

Mr. Shenoy is an expert on Enterprise Content Management and work flow related technologies. He has chaired several committees from 1990 to 2011 including, Standards Committee accredited by NIST; Emerging Technologies Advisory Group (EMTAG) at the Association of Information and Image Management (AIIM); and International Society of Enterprise Engineers (ISEE), DC Chapter, besides serving as a Co-Chair of the BPR-SIG for the Industry Advisory Council to US Government CIO's and National Capital Region of the American Red Cross. Currently, he serves on the Board of the Kevric Company, IMC-Global Services, Fairfax County Chamber of Commerce and the TechAmericaPublic Sector Board. Most recently, he was appointed to the newly formed Global Enterprise Content Management Partner Advisory Council at IBM for 2014-15.

After graduating from Indian Institute of Technology Bombay in Metallurgical Engineering in 1972 he did his MBA from the University of Connecticut in 1975. He fondly reminisces about his days at IIT Bombay, which were

"My key to success is rather simple – Work hard, play hard, give back to society and enjoy your life," Mr. Suresh V. Shenoy

filled with good friends, sports, adventure, great hostel camaraderie and some classroom hours too! "I wouldn't trade those days for anything else in this world. Long hours at the library, midnight jaunts to 'Taloja' for Biryani, bicycling to Juhu beach, late night movies...everything about the time spent at IIT Bombay is truly memorable," Mr. Shenoy remarked. He was a founding member of the 'Metallurgical Engineering Association' at the Institute and organized the

first-ever field trip to Goa and visited Iron ore mines, pelletization plants and helped in publishing the first MEA Journal.

Mr. Shenoy's strong association with his alma mater continues even till date. He is a founding member of the WHEELS Global Foundation – a PanIIT initiative – to promote technology enabled philanthropy to address challenges surrounding Clean Water, affordable Healthcare, Energy, Education, rural Lifestyles and Sustainability and Security. He was the Co-President of Pan IIT-USA in 2006-2007 and Chaired the Programs Committee of the Pan IIT Conference in 2005 and also the IIT Bombay Golden Jubilee Celebrations in New York in 2008.

Mr. Shenoy started his career as a Partner in an international marketing startup in 1975 – Maridyne International – a joint venture between Dynamark in Boston and Marubeni Corporation of Japan. Maridyne was among the first such companies in the United States at that time which focused on technology evaluation, technology transfer and licensing and later program management for large project implementations at over 20 countries. Maridyne was successfully sold in 1984 to National Intergroup. In 1986 after completing two years in management at National Intergroup, Mr. Shenoy purchased and operated a high precision non-ferrous metal casting business in Medfield, Massachusetts. He implemented 'near net shape' casting methods to reproduce several precious antiques for an 18th century church in Sudbury, Massachusetts. While operating the foundry business, Mr. Shenoy was an early adopter of personal computers and a founding member of the CP/M users group in the then nascent personal computer industry. This group was later merged with the Boston Computer Society. In 1989, Mr. Shenoy sold his foundry business to join Information Management Consultants (IMC) in Virginia – a company founded in 1981 by his brother, Mr. Sudhakar Shenoy, also a graduate of IIT Bombay and a recipient of the Distinguished Alumni Award of the Institute in 1997.

He has moreover, served as an adjunct professor of International Marketing and Business Administration at the Graduate School of Management, Clarke University in Worcester, Massachusetts and currently teaches a course in Entrepreneurship at the George Mason University.

Mr. Shenoy was inducted into the 'Company of Fellows' at the Information Management Congress in Europe in 1998 and is a recipient of the 'Distinguished Service Award' from AIIM International and was elected as a Fellow in 2000. He has been recognized by IBM Corporation as 'Information Champion' for his contributions to Enterprise Content Management technologies for four consecutive years 2009-2013 and received the Distinguished Service Award in 2008 from IIT Bombay. In 2010, Mr. Shenoy and his brother Sudhakar, were honored by the Northern Virginia Community Foundation for their leadership and contributions to Fairfax County and also received a citation for their community service from the US Congress.

He has traveled widely across Europe, Asia, Australia and the Middle East. Apart from travelling, Mr. Shenoy enjoys Golf, Swimming, Tennis, Badminton, Table-tennis, hiking, Cross-country skiing and Photography as well.



Mr. Deepak Vasant Vaidya

B. Tech., 1970, Chemical Engineering

Mr. Deepak Vasant Vaidya, popularly known as Dee Vaidya, is the Chairman of the Board of NobleTek, a technology company involved in Engineering Services and Product Lifecycle Management. He also serves as the President of RDM Equipment Co. in Wooster, Ohio, that distributes equipment and spare parts to firms drilling for Oil and Gas. The company has recently got into business of equipments for the ultra-filtration of water.

He started his career, working at his father's rubber products company for three years in India and returned to Akron, where he had pursued his Master's degree, in the beginning of 1979. In 1983 he moved to Austin, Texas and switched to a career in the computer industry. His biggest customer was Michael Dell for whom he built PCs in huge numbers, every day.

"I would like to share a quote by Mr. Thomas Watson, Sr. founder of IBM – Make a decision; any decision. If it's the wrong decision, it will stand up by itself within 30 days and slap you in the face. Then you can change it and make the right decision," Mr. Deepak Vasant Vaidya.

In 1993 Mr. Vaidya started TechniGraphics, Inc., along with his wife Mary, with just \$5,000 and a dream. He acquired the TGS Technology division of Johnson Control in Fort Collins, Colorado, in 1994, which was a federal contractor for Geospatial Intelligence Systems (GIS). The company produced digital maps for the U.S. Government. In January 2003, TechniGraphics won a \$200 million Global Geospatial Intelligence (GGI) Prime Contract from the National Geospatial-Intelligence Agency (NGA). The rapid growth of the company put TechniGraphics on Inc. magazine's list of the 500 fastest growing American companies in September 2006. Subsequently, Mr. Vaidya sold TechniGraphics, with over 400 employees, to CACI in November 2010 and acquired RDM Equipment Co. in May 2012.

A graduate in Chemical Engineering from the Indian Institute

of Technology Bombay, Mr. Vaidya holds a Master's Degree in Polymer Science from the University of Akron, Ohio and a Master's Degree in Industrial Administration (1976) from Purdue University. "I had wonderful time on IIT Bombay campus, where bright young people from all over India, excelling in music, arts, public speaking and so on, came together at one place. This exposure to high level of intelligence and talent, allowed me to also become a well rounded person, something I would not have been otherwise," he recalled. As a mark of gratitude and affection for his alma mater, Mr. Vaidya announced a \$100,000 gift for IIT Bombay to launch the 'TechniGraphicS Lecture Series', during the Golden Jubilee celebrations of the Institute in New York City, in the year 2008. The Former President of Mexico, Mr. Vicente Fox was the latest speaker to deliver a TechniGraphicS Lecture at IIT Bombay.

In January 2013, Mr. Vaidya was elected Chairman of the Board of the Wooster Area Chamber of Commerce, for a one-year term. Upon his retirement in January 2014, at the Chamber's Annual Dinner, Mr. Vaidya was presented with a flag of the United States of America that was flown over the United States Capitol in his honour, at the request of Ohio Congressman Mr. Jim Renacci.

Mr. Vaidya's hobbies include listening to jazz, reading spy and special forces novels and traveling. In 2012, he turned vegan after reading a book 'Prevent and reverse heart disease'.

The Young Alumni Achiever Awards (YAAA) are for alumni who have shown outstanding achievements in their chosen field of work and are below 40 years of age. These awards were instituted in the year 2011. This award is also given on 10th March, the Foundation Day of IIT Bombay. The awardees receive a certificate containing a citation signed by the Director and a memento.



YAAA
2014

Young Alumni
Achiever Awards



Mr. Bhavish Aggarwal

B. Tech., 2008, Computer Science and Engineering

Mr. Bhavish Aggarwal, is a Co-Founder and CEO of Ola Cabs – one of the fastest growing startups in India. Mr. Aggarwal started his career with Microsoft Research, where he worked for two wonderful years and was able to file two patents and publish three papers in International Journals. But the entrepreneurial itch was too hard to resist and he decided to quit his job in August 2010 and moved to Mumbai. In September 2010, he co-founded Ola cabs from his home. “At Ola cabs, we are trying to provide hassle-free, reliable and technology-efficient cab service to Indians in a deeply fragmented and highly unpredictable market of car/taxi services where there is a significant shortage of easy and comfortable on-ground options for transportation be it within a city or outside,” informed Aggarwal.

Ola cabs works on a model that helps in empowering the drivers as well. It strongly believes in fostering and cultivating a rich entrepreneurial culture among drivers of the local cities. It ties-up with car manufacturers and loan financiers, that enables drivers and entrepreneurs to buy cars at discounted rates and at attractive financing options. There are host of

“I have three key points to share –

- (a) Take that Chance: Few take the leap to follow their dreams, doubting whether they will make it. But you'll never know unless you take the big step. There will be situations where your actions will have different outputs.
Still, believe in what you do.*
- (b) Solve Real Problems: Focus on solving real problems. There will be enough takers for your solutions. You will help make lives of some
people better and money will follow.*
- (c) Settle for the Best: Don't take short-cuts while building your company – keep trying for the best,” Mr. Bhavish Aggarwal.*

other benefits extended to the drivers and their families such as medical insurance, children scholarships and a comprehensive Driver Incentive Program, thus creating a win-win situation for all.

Mr. Aggarwal received his Bachelor's Degree in Computer Science and Engineering from IIT Bombay, in 2008. “Life at IIT Bombay revolved around the peers and friends and I have a lot of memories associated with them. The co-founder of Ola Cabs, Mr. Ankit Bhatia is also a close friend from IIT Bombay,” he shared.

In a short span of time, Mr. Aggarwal and his Company have been widely covered by media and have been honoured with several awards such as the 'mBillionth award South Asia 2013', 'Best startup of the year' by IAMAI, 'HATT awards', Hindustan Times '30 under 30', and Forbes '30 under 30', to mention prominent ones.

When not brainstorming about making Ola cabs even bigger and better, Mr. Aggarwal can be caught cycling or playing squash. He also enjoys photography and maintains a hugely popular photoblog.



Dr. Mayank Bawa

B. Tech., 1999, Computer Science & Engineering

Dr. Mayank Bawa is the CEO and Co-Founder of Aster Data Systems (2005-2010). He was the President of Teradata Aster R&D Labs, between 2011-2013 and also a Member of CTO Council, Teradata in 2013.

A true visionary, Dr. Bawa played a pivotal role in creating and establishing the 'Big Data' market that is projected by International Data Corporation (IDC) to be worth \$16.9B in 2015. At the age of 29, Dr. Bawa co-founded Aster Data Systems in 2005 and the company grew into a leadership position in the Big Data market during his tenure as a CEO. Under his leadership, the Aster Data Systems team developed SQL-MR, the de-facto language of Big Data that combines SQL and Map Reduce for analyzing Big Data. Variants of SQL-MR language are now implemented across all Big Data platforms. In 2011, Teradata acquired Aster Data Systems for \$325M. Dr. Bawa led the team as President of Teradata Aster R&D Labs and also served on Teradata's CTO Council.

Dr. Bawa stood 4th in the IIT-JEE entrance exam in the year 1995, and pursued his B.Tech. in Computer Science from IIT

"A big vision, a strong work ethic and a resolute value system create long-term success. Expect short-term failures and learn from them. The silliest failures are those that stem from a lack of information – which is really a lack of effort; the gravest failures are due to a slip in values," Dr. Mayank Bawa.

Bombay. It was followed by an M.S. and Ph.D. in Computer Science from Stanford University, where he received the Sequoia Capital Stanford Graduate Fellowship. In his own words, his four years at IIT Bombay turned out to be formative years, where he gained a lot in terms of, values, knowledge, memories, friends and a lifetime of confidence. Whether it was wing-discussions, hostel elections, course projects, organizing student's festival, writing articles for the campus newspaper and participating in the PAF (Performing Arts Festival), he recalls all with lot of passion and enthusiasm. "I

was introduced to research and databases in 1998 by my seminar and thesis advisor Dr. S. Sudarshan and I immediately knew that I had found my career path. I can almost draw a straight line from my seminar topic in 1998 to starting a database company in 2005 and establishing a Big Data market in 2010. So thank you, IIT Bombay," he added.

Under his leadership, Aster Data Systems was named as 'Technology Pioneer in 2010' by World Economic Forum; ranked #7 in Wall Street Journal's Top 50 Venture Backed Companies; 'Cool Vendor' by Gartner in 2009 and as the 'Visionary Leader' by Gartner in 2010. Dr. Bawa is a recipient of the 'Sequoia Capital Stanford Graduate Fellowship' (1999-2003) and was featured among 'Top 40 under 40' in 2009 by Silicon Valley Business Journal. He has published a dozen academic papers in top database conferences, has been awarded two patents and has been affiliated with IBM Research and Microsoft Research. "I read books to learn and travel for fun," he remarked.



Dr. Sundar Iyer

B. Tech., 1998, Computer Science and Engineering

Dr. Sundar Iyer, is a Co-Founder, CEO and Member of the Board of Memoir Systems – a memory IP company, productizing Algorithmic Memory that increases embedded memory performance by 10X. Previously, Dr. Iyer was Co-Founder, CTO, and Member of the Board of Nemo Systems – a fabless semiconductor IP company, building 100% hit-rate caching algorithms for scaling the performance of high-speed networking memory systems beyond 100Gb/s. This is largely based on the mathematical work done during his Ph.D. thesis at Stanford University. Dr. Iyer was moreover, a Founding Member and Senior Systems Architect, at SwitchOn Networks – a fabless semiconductor company building co-processor for high-performance data communication systems, founded earlier.

He has also worked as Technical Leader, Co-lead Network Memory Group, Cisco Systems, from October 2005 and December 2008. The group focused on the deployment of the memory caching technology developed at Nemo Systems and new development of memory intelligence and I/O serialization technology. Dr. Iyer was a Consultant at Rimo Technologies and Nevis Networks Inc. and a Systems Engineer with PMC-Sierra from 2000 to 2001.

After completing his graduation in Computer Science & Engineering from IIT Bombay in 1998, he went on to undertake an M.S. in Computer Science in the year 2000 (with Distinction in Research) and Ph.D. in Computer Science in 2008, from Stanford University. During his stay as a student on IIT Bombay campus, he served as the General Secretary of H8 (1996-97), General Councilor (1997-98) and was awarded IIT Bombay H8 Roll of Honor in 1998. “There are so many memories of IIT Bombay but I vividly remember going on with less than three hours of sleep for almost 40 days, before the PAF (Performing Arts Festival). Once, I felt asleep and literally kept falling over the stranger sitting on the seat next to me in a BEST bus and was repeatedly berated by him,” he recalled.

Dr Iyer is widely acknowledged as a co-inventor of Algorithmic Memory, a technology to solve the ever increasing 'processor-embedded memory' performance gap. Algorithmic Memory has been productized and can give up to 10X increase in embedded memory performance, and has been adopted in high-performance networking, cloud infrastructure, data center, SDN, storage and HD-video applications. Previously, Dr. Iyer invented Network Memory, which allowed 100% hit-rate caching algorithms for scaling the performance of high-speed networking memory systems beyond 100Gb/s. The technology reduced the cost of router SRAMs, by over a hundred million dollars annually. It allowed routers to

*“ My mantra for success is
be nice and be ready to fail multiple times”, Dr. Sundar Iyer.*

guarantee deterministic memory performance, make them more robust against performance based denial of service attacks and give better deterministic latency guarantees for critical real-time applications on the Internet.

Dr. Iyer has more than 28 publications and 13 US patents to his credit. He has in addition, applied for 12 US and foreign patents. Dr. Iyer has delivered several lectures organized in Industry Conferences and Academia, as well as refereed and reviewed several IEEE, ACM and USENIX journals and conferences.

He has also been bestowed with many awards and honours such as the MIT Technology Review (TR35) Young Innovator Award; ACM Best Doctoral Dissertation Award Nominee, Arthur Samuel Best Doctoral Thesis Award at Stanford University, Christofer Stephenson Best Masters Thesis Award at Stanford University. His work on Algorithmic Memory was awarded the Design Vision award in Semiconductor & IP; and was a Best Paper Award Nominee. In 2012, Memoir Systems was been listed among EE-Times 'Top 10 Memory Design Features for Algorithmic Memory Technology', the EE-Times '60 Emerging Silicon Startups for Memoir Systems', the Red Herring 'Top 100 Award for Memoir Systems' in May 2012, and featured among the Silicon India 'Top 5 semiconductor IP companies' in 2013.

His areas of interest are not restricted to Improve and Recreational Mathematics. He equally enjoys swimming, running, playing tennis and chess, besides fiction writing and strumming the guitar. He is moreover, a Bronze level II-III dancer in Ballroom Dancing.



Dr. Rohit N. Karnik

B. Tech., 2002, Mechanical Engineering

Dr. Rohit Karnik is currently an Associate Professor with the Department of Mechanical Engineering of Massachusetts Institute of Technology (MIT). He joined MIT in October 2006 as Postdoctoral Associate and has been serving as a faculty in Mechanical Engineering at MIT since 2007.

Dr. Karnik completed his B. Tech. in Mechanical Engineering from IIT Bombay in the year 2002, which was followed by an M.S. in 2004 and Ph.D. in 2006 from the University of California, Berkeley. From his undergrad days at IIT Bombay, he particularly remembers working at nights on their 'bottle filling' machine for the ASME (American Society of Mechanical Engineers) Student Design Competition, while doing regular classwork during the day. "I also have many fond memories of my friends and teachers at IIT Bombay, who played an important role in shaping my character and destiny," he added. Dr. Karnik was awarded the Institute Silver Medal by IIT Bombay in the year 2002.

"My mantra for success is follow your heart, do your best, trust in life to take care of the rest," Dr. Rohit Karnik.

Today, Dr. Karnik is globally known for his work in the area of micro- and nanofluidics for applications in health care and energy systems. He has developed devices for control of nanoscale fluid flows including the nanofluidic diode, transistor, and sensors. His group has advanced novel nanoporous membrane materials for water filtration and gas separations, and obtained fundamental insights into nanoscale fluid flows. They have moreover, developed new technologies for microfluidic separation and analysis of cells, and have created microfluidic devices to better control and optimize nanoparticles for drug delivery. Dr. Karnik has furthermore, played a crucial role in the development of the Micro and Nanoengineering Laboratory class for undergraduate students at MIT.

Dr. Karnik has delivered invited lectures in different parts of the Globe and has over 50 research papers to his credit. He has filed over 10 patent applications and has supervised numerous theses at undergraduate, masters and doctoral levels. He is a proud recipient of several awards and honours including the Best Poster Award in the MEMS Division, Nanotechnology Forum, ASME Congress (2013); Department of Energy Early Career Award (2012); Keenan Award for Innovation in Undergraduate Education (2011); Grand Prize in the Nanotechnology Forum, ASME Congress (2010); National Science Foundation CAREER Award (2010); D'Arbelloff Career Development Assistant Professor, Massachusetts Institute of Technology (2008); and National Talent Search Scholarship, Government of India (1996), to mention a few. Besides Teaching, Dr. Karnik takes keen interest in photography, astronomy and traveling.

Previous DAA Awardees List

1983	Dr. R.H.G. Rao Dr. S. Rama Iyer Dr. Lalit S. Kanodia Dr. Avinash D. Kulkarni Dr. N. Venkatramani Prof. Suhas Patankar Dr. Shantaram G. Kane Dr. Arun Dravid Dr. Narayan Pisharoty Dr. A.L. Ravimohan Dr. K.P.K. Nair Dr. L. R. Subramanyam Prof. Dady Burjorji Dadyburjor	B. Tech. 1962 Metallurgy Engineering M. Tech 1962 Chemical Engineering B. Tech. 1963 Mechanical Engineering B. Tech. 1963 Metallurgy Engineering B. Tech. 1964 Electrical Engineering M. Tech. 1965 Mechanical Engineering B. Tech. 1965 Chemical Engineering B. Tech. 1966 Chemical Engineering B. Tech. 1966 Electrical Engineering B. Tech. 1967 Chemical Engineering Ph. D. 1968 Mechanical Engineering M. Tech. 1968 Electrical Engineering B. Tech. 1970 Chemical Engineering
1996	Dr. S. Rama Iyer Dr. S. Banerjee Dr. Arun N. Netravali Dr. Romesh Wadhvani Prof. Narendra Kumar Mr. Suhas S. Kakde Dr. Narendra K. Karmarkar Dr. Kota Harinarayana Prof. Sharad S. Sane	Ph. D. 1965 Chemical Engineering Ph. D. 1966 Metallurgy Engineering. B. Tech. 1967 Electrical Engineering B. Tech. 1969 Electrical Engineering Ph. D. 1971 Physics D.I.I.T 1973 Industrial Design Centre B. Tech. 1978 Electrical Engineering Ph. D. 1984 Aerospace Engineering M. Sc., PhD 1974, 1979 Mathematics
1997	Prof. Uday G. Karmarkar Mr. Rajeev Arora Mr. Victor J. Menezes Mr. Sudhakar V. Shenoy Mr. Rajeev M. Pandia Prof. Pramod P. Khargaonkar Dr. Badri Prasad	B. Tech. 1968 Chemical Engineering B. Tech. 1969 Mechanical Engineering B. Tech. 1970 Electrical Engineering B. Tech. 1970 Electrical Engineering B. Tech. 1971 Chemical Engineering B. Tech. 1977 Electrical Engineering M. Tech 1968, Ph.D 1973 Metallurgy Engineering
1998	Mr. Shiv Narain Mathur Mr. Vikram Rajadhyaksha Mr. Lakshminarayanan R. Subramanyan Mr. Venkatesh Kasturirangan Dr. Ramani Ayer Dr. Dileep Bhandarkar Dr. Jitendra Bhatia	B. Tech. 1967 Chemical Engineering B. Tech. 1967 Civil Engineering M. Tech. 1968 Electrical Engineering B. Tech. 1969 Chemical Engineering B. Tech. 1969 Chemical Engineering B. Tech. 1970 Electrical Engineering B. Tech 1967, M.Tech 1969, PhD 1973 Chemical Engineering
1999	Mr. Sharad Kumar Saraf Mr. Deepak Satwalekar Prof. Dr.-Ing Bharat Balasubramanian Dr. Ravindran Kannan Wg. Cdr. R. Raghavan Mr. Atul Vijaykar Dr. Shankar Sastry Shri. Nandan M. Nilekani	B. Tech. 1969 Electrical Engineering B. Tech. 1971 Mechanical Engineering B. Tech. 1973 Mechanical Engineering B.Tech. 1974 Electrical Engineering D.I.I.T 1974 Computer Engg. B. Tech. 1976 Chemical Engineering B. Tech. 1977 Electrical Engineering B. Tech. 1978 Electrical Engineering
2000	Mr. Kanwal Rekhi Dr. Bharat T. Doshi Dr. Sudhir P. Mudur Dr. Behruz Sethna Mr. Achyut S. Godbole Mr. Shashikant D. Limaye Dr. Vivek S. Borkar Mr. Anuvrata (Dunu) K. Roy	B. Tech. 1967 Electrical Engineering B. Tech. 1970 Mechanical Engineering B. Tech. 1970 Electrical Engineering B. Tech. 1971 Electrical Engineering B. Tech. 1972 Chemical Engineering M. Tech. 1974 Civil Engineering B. Tech. 1976 Electrical Engineering B.Tech., M.Tech 1967, 1970 Chemical Engineering

2001	Mr. J.K. Tandon Mr. Edul Minoo Daver Mr. Rajiv L. Gupta Mr. Ramesh Chandra Agarwal Mr. Alexander Luke Mr. Jairam Ramesh Mr. Manohar Parriker Mr. P.L. Bongirwar Mr. Ajit Shelat	B. Tech. 1962 Metallurgy Engineering B. Tech. 1966 Metallurgy Engineering. B. Tech. 1967 Mechanical Engineering B. Tech. 1968 Electrical Engineering B. Tech. 1971 Civil Engineering B. Tech. 1975 Mechanical Engineering B. Tech. 1978 Metallurgy Engineering. B. Tech., M.Tech. 1967, 1970 Civil Engineering B. Tech 1977 M.Tech 1980 Electrical Engineering
2002	Mr. Dinesh Mohan Mr. Jagmohan Mundhra Mr. Parag Rele Mr. Ashank Desai Mr. Avinash Manudhane Mr. Krishnanand Prabhu Dr. Rajesh Mashruwala Dr. Satish Balram Agnihotri	B. Tech. 1967 Mechanical Engineering B. Tech. 1968 Electrical Engineering B. Tech. 1969 Chemical Engineering M. Tech. 1974 Mechanical Engineering B. Tech. 1975 Chemical Engineering M. Sc. 1975 Physics B. Tech. 1975 Mechanical Engineering M.Sc. 1976 Physics
2003	Dr. R.K Bhandari Dr. Sundaresan Asokan Dr. Shailesh Mehta Dr. Sadanand D. Joshi Prof. Chaitan Khosla Dr. Arunava Majumdar Mr. Ravi Venkatesan	M. Tech. 1964 Civil Engineering M.Sc. 1971 Applied Geology B. Tech. 1971 Mechanical Engineering M. Tech. 1975 Mechanical Engineering B. Tech. 1985 Chemical Engineering B. Tech. 1985 Mechanical Engineering B.Tech. 1985 Mechanical Engineering
2004	Dr. Prabodh V. Banavalkar Prof. Rohini M. Godbole Mr. Bharat N. Desai Dr. Subramanian S. Iyer	B. Tech. 1962 Civil Engineering M.Sc. 1974 Physics B. Tech. 1975 Electrical Engineering B. Tech. 1977 Electrical Engineering
2005	Mr. Sharad Kumar Tak Mr. Suresh Satramsingh Lulla Dr. Manthiram Natarajan Mr. Pramod Madhukar Chaudhari	B. Tech. 1966 Electrical Engineering B. Tech. 1967 Mechanical Engineering M. Tech. 1970 Mechanical Engineering B. Tech. 1971 Mechanical Engineering
2006	Dr. Yogen Kantilal Dalal Dr. Satish Ramnath Shetye	B. Tech. 1972 Electrical Engineering M.Sc. 1973 Physics
2007	Dr. N. Radhakrishnan Mr. Shailesh R. Gandhi Mr. Prashant N. Ranade Mr. Ramesh Vaikuntanathan Vangal Mr. Rakesh Mathur Prof. Nitin Nohria Dr. Sheel Kant Sharma	M. Tech. 1962 Civil Engineering B. Tech. 1969 Civil Engineering B. Tech. 1975 Mechanical Engineering B. Tech. 1977 Mechanical Engineering B. Tech. 1978 Mechanical Engineering B. Tech. 1984 Chemical Engineering M.Sc 1971, PhD 1974 Physics
2008	Mr. Arun Hastimal Firodia Dr. Suresh Pal Sethi Mr. Ravindra Sitaram Gupta Dr. Jairaj Moreshwar Phatak Dr. Rajeev Vasant Joshi	B. Tech. 1965 Electrical Engineering B. Tech. 1967 Mechanical Engineering M. Sc. 1973 Chemistry M. Sc. 1975 Physics B. Tech. 1977 Mechanical Engineering
2009	Dr. Ajit Keshav Ranade Dr. Chetan Chitnis Mr. Girish Jayawant Gaitonde	B. Tech. 1982 Electrical Engineering M. Sc. 1983 Physics B. Tech. 1983 Electrical Engineering

	Dr. Dharendra N. Buragohain	B. Tech. , M.Tech., PhD 1963, 1965, 1969 Civil Engineering
2010	Mr. R. Chandrashekhar Dr. Nitish Thakor Mr. Colin H. Gonsalves Mr. Adilsiraj Zainulbhai Karachiwala Mr. Madhu Pandit Dasa (Madhusudan Sivashankar)	M. Sc. 1973 Chemistry B. Tech. 1974 Electrical Engineering B. Tech. 1975 Civil Engineering B. Tech. 1977 Mechanical Engineering B. Tech. 1981 Civil Engineering
2011	Dr. Jayant Sathaye Dr. Roop Jyoti Mr. Girish G. Sohani Dr. Pratim Biswas	B. Tech. 1969 Mechanical Engineering B. Tech. 1970 Chemical Engineering B. Tech. 1977 Mechanical Engineering B. Tech. 1980 Mechanical Engineering
2012	Mr. Jitendra Saxena Dr. Ravendra Chopra Rajendra Desai Ms. Marlene Kanga (Fernandez) Mr. Arjun Divecha Mr. Sanjai Kohli Dr. Imran Siddiqi Prof. Vinayak P. Dravid Dr. Mahesh Mehendale	B. Tech. 1966 Electrical Engineering B. Tech. 1968 Metallurgy Engineering B. Tech. 1970 Civil Engineering B. Tech. 1976 Chemical Engineering B. Tech. 1979 Aerospace Engineering B. Tech. 1979 Aerospace Engineering M. Sc. 1981 Chemistry B. Tech. 1984 Metallurgy Engineering B. Tech 1984, Electrical Engineering, M. Tech 1986, Ph. D. 2000 Computer Science Engineering
2013	Dr. Nagesh Palepu Ms. Neera Adarkar Dr. Jayant Sabnis Mr. Daniel Dias Mr. Amarnath Bhide Mr. Shantanu Khosla Mr. Ashok Kamath Mr. Satyajit Mayor Mr. Satyendra Pakhale	M.Sc. 1972 Chemical Engineering DIIT 1974 Industrial Design Centre B. Tech. 1975 Mechanical Engineering B. Tech. 1976 Electrical Engineering B. Tech. 1977 Chemical Engineering B.Tech 1981 Mechanical Engineering M. Sc. 1981 Mathematics M.Sc. 1985 Chemical Engineering M. Des. 1991 Industrial Design Centre

Previous YAAA Awardees List

2011	Dr. Surya K. Mallapragada Dr. Viral Acharya Dr. Subhash Khot Mr. Udaya Kumar Mr. Pranav Mistry	B. Tech. 1993 Chemical Engineering B. Tech. 1995 Computer Science Engineering B. Tech. 1999 Computer Science Engineering M.Des. 2003 Industrial Design Centre M.Des. 2005 Industrial Design Centre
2012	Mr. Chandrakant Singh	M. tech 2000 Electrical Engineering
2013	Dr. Manoj Aggarwal Dr. Ashwin Seshia Dr. Bala Bhaskar Prabhakar Pandian	B. Tech. 1995 Electrical Engineering B.Tech. 1996 Engineering Physics M. Sc. 1997 Bio. Tech.

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