Project Management Practitioners' Conference
July 12-14, 2018 NIMHANS Convention Centre

Architecting Project Management for value creation...
Welcome to PMPC 2018, one of India’s Premier Project Management Conference

Dear Delegates, Distinguished Speakers and Special Invitee,

On behalf of the Conference Organizing Committee, I extend a warm welcome to you all to the Project Management Practitioner’s Conference being held at Nimhans Convention Centre from 12th July to 14th July, 2018. This is the 13th edition of the conference and it’s your continued encouragement and support which is a great source of inspiration for us to sustain the enthusiasm and vigour to conduct a conference of this magnitude which brings 650 to 700 delegates every year.

In this world of constant disruptions, it’s increasingly evident that one of the key element of staying competitive is the ability to expand one’s perspective of creating and delivering project outcome that aligns with the target customer’s needs, be it a social or commercial context. Hence a holistic approach to value delivery is of paramount importance.

This in our perspective can be brought about by a judicious mix of long term vision of the social and market scenarios, sharp stakeholder focus, ability to anticipate and embrace change as appropriate and a relentless pursuit of excellence in execution.

People being at the helm of any organizational initiative, a missionary zeal towards continuous development of human capital is the most essential element in the journey from ideation of strategy to its manifestation of realizing business benefit where project management remains the core skill that links the promise to its fruition.

It’s always been our endeavour to bring programs to our target constituents that have contemporary relevance and also provide a peep into the future. With this backdrop, we thought it most appropriate to keep the focus of this year’s conference as “Architecting Project Management for Value Creation”, to maintain the topical relevance of the conference theme. To articulate perspectives on this important issue, as always we have a panel of distinguished Industry Leaders and Seasoned Project Practitioners who will share their insights and experiences through Keynote addresses and Paper presentations.

In addition, recognising individual need of the participating delegates, we will also be running one-one mentoring session with seasoned coach and industry veterans and we are confident that the participating delegates will find the overall experience of attending the conference very enriching.

PMI Bangalore India Chapter is known for delivering well managed conferences with packed and high quality content. Continuing the tradition, we are eagerly looking forward to deliver one of the best conference experiences this year.

We request you to explore all possible ways of participating in the conference and look forward to see you at the conference

Yours Sincerely,

Basu Dutta
President, PMI Bangalore India Chapter.
Dear Practitioner,

It is our great pleasure to announce the Project Management Practitioners' Conference 2018. The chapter has over decade of experience in organizing project management conferences, including the PMI India National Conference in 2011 and 2015. We are sure that the learning’s from the previous conferences coupled with the fresh ideas, passion and vision of our veteran team of passionate volunteers, will make this conference a wonderful experience for you.

As always, a lot of thinking has gone into arriving at the theme for this conference. Our collective thoughts converge to "ARCHITECTING PROJECT MANAGEMENT for Value Creation" is the most relevant and apt theme for the conference.

Value Creation for Business and Stake Holders has become an essential ingredient of business transactions. Project Managers are expected to create value in their projects which implies that the mind set to define and plan for value creation has to be ingrained at all levels of the organization hierarchy. The focus of this conference is to bring industry leaders to share their experiences on how they have delivered value in their respective organizations.

Some of the possible ways for Value Creation are:

- Capability Enhancement – Ability to deliver
- Digital Transformation – Connected Processes
- Global Reach – Deliver for the world
- Smart Practices – Discover, Disrupt, Deliver

Our conferences have always drawn visionaries, industry leaders, policy-makers, thought leaders, and project management champions. We have always strived to meet delegate expectations in terms of the quality of speakers and discussions, as well as knowledge sharing and networking opportunities. This year, too, all efforts will go in to make it an enriching and enlightening experience for all stakeholders.

Looking forward to seeing you!

Yours Sincerely,

Balakrishna Kasibatla
Conference PMO Leader
About PMI Bangalore India Chapter

The Bangalore Chapter of the Project Management Institute (PMI) was founded in 1998, as an autonomous, non-profit, membership association dedicated to the science of project Management.

Objectives

The objectives of the Chapter supplement the purposes of PMI as set forth in the PMI by-laws.

- The Chapter objectives are to encourage and facilitate education, certification and professionalism in Project Management and to provide a forum for discussion and examination of problems, solutions, applications, and ideas related to the management of projects and to foster communication between public and private sectors regarding project management, and to disseminate within the primary area of operation of the Chapter information regarding developments in project management.
- Chapter membership puts you in contact with a local “network of expertise” and ongoing opportunities for face-to-face contact with peers from a wide variety of organizations and industries. PMI’s support of members on a local level continues to expand.
- Chapters advance the mission and objectives of PMI by promoting professional standards and practices. Ongoing professional development is a key benefit to membership and is supported at the chapter level through activities, meetings, and educational programs.
PMPC 2018 conference Overview

PMI Bangalore India Chapter is proud to announce its 13th Annual Project Management Conference in Bengaluru. The focus of the conference this year will be "Architecting Project Management: For Value Creation."

The term “Value” is different from any financial or other measures associated with it. The difference comes from the fact that Value is a perceived measure and is conditioned by the importance of the outcome to the person/organization receiving the value. In the project sense, the success of the project is measured on its ability to create value for its customer, for its organization and for the team. Value creation can never be an after-thought. It is the Pole Star for the project manager and teams and guides them to make the right decisions throughout the lifecycle of the project. It is akin to saying “doing the right things and only the right things” in the project that maximizes its value.

While it looks simple on paper, the fact that not many successful projects, even the ones that deliver the desired financial and other statistical results, are successful in delivering desired values. There could be many factors that affect the value like lack of technical excellence, change of business priorities, growth ambitions, VUCA factors etc. There are also many systemic factors arising out of the organization that influences the abilities of the project manager to deliver the desired value. The focus of this conference would be on how to enhance these enablers and share examples of how projects had delivered significant value to the customers. Even this can be a daunting list. After many deliberations, the following topic areas were picked for demonstration during the conference.

PMPC 2018 aims to bring thought leaders, industry experts, and professionals on a great platform to discuss strategies to transform organizations, jointly visualize future technologies along with leadership alignment required to sustain and in turn this will bring in value for the Business and to the individual.

Why Attend This Event

✓ Thirteen consecutive years of Conference delivery with a world-class stature
✓ Largest Project Management and Leadership Conference in the region
✓ Visionary speakers to share their wealth of knowledge
✓ Consistently high delegate delight
✓ Great networking opportunities! Over 800 professionals from diverse fields are expected to attend the conference
✓ Earn up to 24 PDUs by attending the conference and PM Enrich sessions
✓ Choice of informative paper presentations and individual excellence sessions running on parallel tracks - Take your pick!
✓ Choice of attending exclusive masterclass workshops
Mr. Suresh Narayanan,

Chairman and Managing Director, Nestlé India Ltd.

Mr. Suresh Narayanan, Chairman and Managing Director, Nestlé India Ltd. has over 35 years of rich and exhaustive experience in leading global companies in the FMCG Industry. Mr. Narayanan is also on the Board of Directors and heads the Corporate Governance and Social Responsibility Committee.

Mr. Narayanan joined Nestlé in 1999 as Executive Vice President for Sales in India and later led several international Sales and Marketing portfolios in Indochina, Srilanka, Bangladesh and Nepal. Mr. Narayanan was appointed as the Managing Director of Nestlé Singapore Pte. Ltd., in 2008 and later as CEO of Nestlé Egypt sustaining the growth.

Prior to joining Nestlé, he worked in Hindustan Lever and Colgate Palmolive India. Mr. Narayanan holds a Master’s Degree in Economics from the Delhi School of Economics and has participated in the Nestlé Leadership Program at the London Business School.

Mr. Narayanan was honoured at the Forbes India Leadership Awards 2017 as the Best CEO in the Multinational category.

**Topic: The Comeback of MAGGI – Redefining Project Management & Value Creation**

In June 2015, the Two-minute Noodle Maggi, a brand built in India over 3 decades and loved by different segment of consumers, was banned by the national food safety regulator who directed Nestle to withdraw the product. Along with the flagship product, literally 38000 tonnes a year, many other Maggi branded products also took the heat. In just less than a month, the share of Nestle’s noodles market, which was worth ₹3,400 crore at that time, went down from 80% to Zero. The net profit of the company took a big hit of ₹500 crore on account of recalling of Maggi.

To reconstruct the demolished house, the management finalized a three-year strategy for the Indian market and Maggi finally returned to shelves in November the same year. For the company, which has been in India for 105 years, Maggi has once again become the leader and commands 61% share of the market. Nestle is gunning for pre-crisis level of share through innovation and expansion of products.

Nestle demonstrated leadership styles by establishing communication with all the stakeholders, regulators, media, and consumers and stood by the employees whose future was at stake. It is said - “As a leader, if you walk away during a crisis, you do not have the moral ticket to come back and say you’re the leader.”
Mr. M V Gowtama

Chairman and Managing Director, Bharat Electronics Ltd.

Mr M V Gowtama is the Chairman and Managing Director of Bharat Electronics Limited, a Public Sector Unit with a vision of making India self-reliant in Defence Electronics and a leader in this field since 1954. The innovative products have ranged from voting machines to Missile Systems and have helped the country to progress.

Mr. Gowtama joined BEL immediately after completing his B.Tech in Electronics & Communication in 1983. He went on to complete MTech in Advanced Electronics from Jawaharlal Nehru Technological University, Hyderabad, while in service. He joined BEL at Ghaziabad Unit as a Probationary Engineer and rose through the large organization to lead it. The very first product that he worked on, Cyclone Radar Warning system won the R&D Award.

Prior to assume the current role, he was Executive Director for Missile Systems Divisions and before that was the General Manager for Milcom and Technology Planning Divisions.

BEL touched a significant milestone of becoming a company with a valuation of Rs.10,000 Cr. during his tenure.
Mr. M R Jaishankar

Chairman & Managing Director, Brigade Group.

Mr. M R Jaishankar is a remarkable leader and entrepreneur. The Brigade Group established by him in 1986 started by constructing the tallest building in Bengaluru and since then has grown to become leader in the industry. Mr. Jaishankar’s leadership, commitment to quality and passion for innovation have enabled Brigade to grow by leaps and bounds into a national level real estate giant. Today, Brigade Group’s portfolio covers a wide range of projects in all domains of property development, namely, Residential, Office, Retail, Hospitality, Property Management Services and Education.

Such an achievement has not gone unnoticed and Mr. Jaishankar had been bestowed with many recognitions and awards including Outstanding Professional recognition during Economic Times ACETECH 2007, Senior Builder Award by Builders Association of India and Construction Week India Hall of Fame Award in 2014. Mr. Jaishankar was also recognized for ‘Outstanding contribution to the Real Estate Sector’ at the CREDAI Real Estate Awards 2015 and as Real Estate Person of the Year by Construction Week India in 2016.

He is presently on various committees of Bangalore Chamber of Industry and Commerce and Confederation of Indian Industry. He was the President of CREDAI-KARNATAKA between 1996 and 98 and is also a Former President of Rotary Bangalore Midtown. Mr. Jaishankar is ranked 2nd TOP CEO in the Real Estate and Construction Sector by Business Today & Price Waterhouse Coopers.
Mr. Chandramouli Venkatesan

**CEO, Special Projects, Pidilite Industries Ltd.**

Mr. Chandramouli Venkatesan has a 26-year track record in Indian industry across many sectors. He is presently engaged in starting up a new business in Pidilite Industries while mentoring several of the existing businesses and functions.

Prior to that he was the Managing Director for Mondelēz India (erstwhile Cadbury India) in which he served as HR and Business Leader. He was driving the aggressive growth of the Chocolate Category in India, executing the highly successful launch of Oreo in India.

Prior to this Mr. Mouli, as he wants to call himself, was in Onida as the head of Sales & Marketing and in Asian Paints India Limited.

Mr. Mouli holds a Masters from XLRI Jamshedpur in Business Administration and a B.Tech in Chemical Engineering from Anna University, Chennai. Mr. Mouli is also the Author of the best-seller “Catalyst” which was published in Feb this year.

Mr. Mouli has addressed many large conferences in many corporates.

**Topic: Catalyst - The ultimate strategies for success at work and life**

To make edible food out of vegetable, spices and oil, we need a flame that helps them cook. The flame is a “Catalyst”. The situation is similar in real life with our work, with our business, with our career. Most of us have the ingredients required to be successful, the Education, the IQ/EQ, hard work etc. But only few of us have recognized the “Catalysts” that can take us to the launch pad.

The first Catalyst is to recognize how to convert Time to Experience. Cutting the wood the same way for 20 years still yields only an experience of 2 hours when you learned to cut the wood.

The second Catalyst is about remaining successful throughout the Career through proper Career Management. Many successful people lose out on the second or later part of the career.

The third Catalyst is on Work-Life Balance, rather understanding how your life influences the work and leveraging the same.
Mr. Dr. Shailesh Nayak

Director, National Institute of Advanced Studies

Distinguished Scientist, Ministry of Earth Sciences

Dr. Shailesh Nayak had led a meritorious service to the nation in the areas related to science of climate change, weather services, polar science, geoscience, ocean science and modelling, ocean survey and in use of satellites for earth studies.

Apart from his present position at NIAS, Dr. Nayak is also the President of the Federation of Indian Geoscientists Associations, and Indian Society of Remote Sensing. He is also the Chair of many committees including National SCAR Committee and Indian National Science Academy.

Dr. Nayak obtained Ph. D. degree in Geology from the M.S University of Baroda in 1980 and joined ISRO. Dr. Nayak is Fellow of the Indian Academy of Sciences, Bengaluru and Academician of the International Academy of Astronautics, Paris among others.

Dr. Nayak is a recipient of IGU - Hari Narain Lifetime Achievement Award in Geosciences in 2013, the ISCA Vikram Sarabhai Memorial Award in 2012, and the Bhaskara Award in 2009.

Dr. Nayak has published about 150 papers and delivered close to 200 invited talks in.

**Topic: Building from Scratch: The Tsunami Warning System**

Among the natural calamities, cyclones, tornadoes and tsunamis have proved to be the most unpredictable ones. They are borne at some remote corner of the world, travel at speeds which are unimaginable, change directions at their will, and cause huge enormous destruction. Tracking and predicting them is a global challenge.

After the devastating Indian Ocean Tsunami in December 2004, the nation was compelled to set up a reliable early warning system. The Indian Tsunami Early Warning System (ITEWS) build with the collaborated effort of professionals from multiple organizations showcases the intellectual potential of the country. This social project, undertaken by the government for the welfare of its citizens, was meticulously planned and flawlessly executed, within time and budget. Over the years the precision of prediction has saved thousands of lives across the coastline of the country. Innovation, team building, leadership and dedication are some of the few contributing factors in this success story of the nation which we should be proud of.
Air Commodore C R Mohan

Commandant, Airforce Technical College, Bangalore

Air Commodore CR Mohan, VSM was commissioned in the Aeronautical Engineering Branch of the Indian Air Force in August 1986. He is an alumnus of the College of Defence Management, Experimental Flight Test School (ASTE, IAF), IIT Bombay and Tyagarajar College of Engineering, Madurai, with specialisations in aircraft maintenance and avionics flight test engineering.

Mr. Mohan was the lead engineer in the Indian Air Force Hawk Project Team (IAFHPT) responsible for the design, development, testing, manufacture and entry into service of the Hawk AJT aircraft. Post induction of the Hawk AJT he served as the Chief Engineering Officer of the first home base of the fleet. He served as the Director for Hawk Maintenance at Air HQ from 2014 to 2016.

Mr. Mohan’s research interests include simulation and application of machine learning techniques for validation of operational and maintenance plans.

**Topic: NATION’S DEFENCE PREPAREDNESS – A COLLECTIVE RESPONSIBILITY**

Battle readiness and industrial capabilities of nations are closely related. As nations modernize their armoury, an armed peace is a paradoxical outcome. This political reality has resulted in industrialised nations constantly pushing the limits of military technologies and creating huge military-industrial complexes which also thrive on the insecurities of nations.

Technological advantage is crucial in ensuring the effectiveness of an air force. This can only be achieved by infusing funds to upgrade capital-intensive equipment on a regular basis. Constant lack of funds for capital procurements could lead to an acquisition-death-spiral deeply impacting the capability of an air force. Industry partners can create value by improving the efficiency in maintenance of existing fleet and optimize the utilization of revenue budgets.

For a developing nation like ours, the major challenge is to transform ourselves from an importer to an exporter. A delicate balance between maintenance, upgrades and procurement is crucial to maintain an effective air force for the nation, a collective responsibility, which can be achieved by the collaborative partnership with the industry.
Dr. Dheepa Srinivasan

Consultant-Additive Technologies
Adjunct Faculty IIT, Ropar

Dr. Dheepa Srinivasan is presently a Consultant in Additive Technologies in aerospace, power and general engineering applications. She is also leading the efforts to introduce Additive Manufacturing in Drug Development to provide affordable healthcare. Prior to this, Dr. Srinivasan was a Principal Engineer at General Electric for 18 years, leading the research and development of high temperature materials and manufacturing technologies for gas turbines.

Dr. Dheepa Srinivasan holds a PhD in Metallurgical Engineering, from the Indian Institute of Science, Bangalore. She has over 35 patents to her credit and had developed more than 50 technologies / process applications being used in several gas and steam turbines. She is a pioneer in the area of metal 3D printing or Additive manufacturing.

Dr. Srinivasan is also an Adjunct Faculty in IIT, Ropar and several other.

She was recently awarded the Certificate of Excellence by the Government of India, Ministry of steel, for pioneering efforts in Metal 3D printing and metal research...

**Topic: Additive Manufacturing – A Game Changer in Manufacturing Technologies, AM in Gas Turbine Components**

The evolution of Additive Manufacturing technologies has changed the face of direct and digital technologies for the rapid production of models, prototypes, patterns and functional parts. Metal 3D Printing is poised to be the next industrial revolution in enabling advancements in Defence, Aerospace, Power, Healthcare, Marine, Nuclear, Space, Oil & Gas, and various other sectors.

Some recent indigenous developments that have resulted in the implementation of Direct Metal Laser Deposition (DMLD) and Direct Metal Laser Sintering (DMLS) in gas turbine hot gas path components are indicators of the development in this direction. The technology development process in using 3D printing in prototype testing, in making light weight production parts and in servicing turbine blades and nozzles is a major step towards cutting time and cost.

Additive manufacturing as the next generation advanced technology in niche applications in the aerospace, industrial gas turbines, healthcare and adds immense value to the manufacturing industry as a whole.
Dr. Arun Hampapur,

Director of Development, IBM Services Platform &
Distinguished Engineer, IBM GTS

Dr. Arun Hampapur is an IBM Distinguished Engineer in IBM Global Technology Services Labs where he leads a global team that is developing and advancing IBM Services Platform that leverages cognitive technologies for delivering managed hybrid cloud services.

Prior to that, Dr. Hampapur was a Director at IBM Research developing solutions on Marketing, e-Commerce, Supply Chain, B2B Integration and solutions for customer service and was the CTO of Physical Security, he provided technical direction for development of physical security solutions and services with a focus on smart video surveillance systems.

Dr. Hampapur is a member of the IBM Academy of Technology and an IBM Master Inventor. He has published more than 80 papers and holds 60 US patents and 100 plus patent applications.

Dr. Hampapur obtained his PhD from the University of Michigan in 1995. He is a Fellow of the IEEE (class of 2011). He did his Engineering from Sri Jayachamarajendra College of Engineering.

**Topic: Industrial applications of Big Data and Cognitive technologies: From Cognitive cities to Cognitive Commerce and Cognitive clouds**

Machine learning and cognitive technologies have gained academic visibility thru challenges like Question Answering Systems, the Netflix Challenge and the Deep Learning Datasets from Google. However, Industrial use of data and machine learning & pattern recognition, predictive modelling and optimization has also been growing, hidden from the glare of academic conferences. In his talk, Dr Hampapur will talk thru several interesting applications of machine learning -- starting with predictive maintenance and operations in Water Supply and Railway System, to the use of Big Data and Machine Learning in e-Commerce systems and to the emerging use of cognitive technologies for large scale hybrid cloud management. The intent of the talk is to illustrate the wide range of applications of "Cognitive technologies", the challenges of practical implementation and of driving value. The talk will provide pointers to papers and patents which detail several of these applications.
Ms. Hema Shah

Author, Coach, Mentor and Story Teller

After completing a 25-year stint at IBM, Ms. Hema Shah took an early retirement to pursue her passion for writing and for supporting others in their journey to realizing their full potential. She established Hema Shah Global (hemashahglobal.com) a service that helps employers, employees, and entrepreneurs surf through these disruptive times.

She had been certified as Project Management Professional by both PMI and IBM. She was a member of the Project Management Certification Boards that Certified Project Managers and Project Executives. She also served on the Council that recommended the appointment of Senior Technical Staff Members. She was also part of the IBM Academy of Technology to advise on establishing technical leadership through appropriate focus and investments.

She has also been certified in Executive Coaching by Marshall Goldsmith. As Author, Coach, Mentor and Story-Teller she helps individuals and businesses navigate around the pitfalls to the opportunities in their path.

Topic: Executing Successful Transformation

“Only 1 out of 3 transformations succeed.”

“70% of transformations fail.”

What is it that those who succeed do? What are the patterns and learnings we can identify in these successful transformations? What behaviour and practices must we practice to enhance our success rate? What behaviour and practices reduce our chances of success?

We will examine 3 Transformations, 1 Global, 1 Local and 1 Personal and add our own personal experiences to draw some conclusions on how to design and execute our transformation projects for success.
Mr. Srikanth Nadhamuni

CEO, Khosla Labs, Chairman, Novopay & Non-Executive Director, HDFC Bank Ltd.

Mr. Srikanth Nadhamuni is currently CEO of Khosla Labs, a start-up incubator that he co-founded with Mr. Vinod Khosla. Khosla Labs is looking to create and nurture start-ups using technology and entrepreneurial zeal to address key challenges.

Mr. Nadhamuni is also on the Board of the HDFC Bank. He is also chairman of Novopay, a financial technology company that focuses on payments and banking solutions through a network of retail outlets that deliver Banking and Payment services using smartphones and Aadhaar based Micro-ATMs.

Mr. Nadhamuni was the Head of Technology at the UID Authority of India and setup the Technology Center for the development, design and operations of the Aadhaar system to issue national IDs to all the 1.2 billion Indian.

He is also the Managing Trustee of the eGovernments Foundation which he co-founded with Mr. Nandan Nilekani in 2003. It focuses on improving governance and public service delivery in Indian cities using a suite of Municipal ERP products.

**Topic:** Excellence in Project Execution – Success stories from Public, Private and NGO Sectors

The key to excellence in project execution is flawless planning. While good project management practices bring the rigor of processes into the functioning, this should not become a restraining factor to unleash the full potential of the team and impede the speed of progress. With stories from diversified sectors, i.e., public, private and NGOs, the successes and failures attributable to the quality of planning will be presented. Though it appears that no formal methodology was adopted, the fundamentals were strongly ingrained into every stage of the work, thereby giving teams the flexibility and autonomy to work towards achieving the defined goals in a timely manner and within budget.
Mr. P V Prasanth

Director, Shapoorji Pallonji And Co. Pvt. Ltd.

Mr. P V Prasanth was involved in some of the unique projects like the construction of “the tallest residential towers in India”, the largest Stainless-steel dome for ISKCON, the first cable stayed building in India and the tallest, 105 meters tall, concrete statue. He was also part of the core team that worked on the Intel project.

Mr. Prasanth started his career in Larsen & Toubro Ltd and has held senior positions with DLF Laing O Rourke India Ltd. and Gammon India before joining as Director (Operations & Technology) with Shapoorji Pallonji & Co Pvt Ltd. Mr. Prasanth has over 30 years of experience.

Mr. Prasanth has immense expertise in the field of "Construction Methods, Planning & Formwork". He is a graduate in Civil Engineering from BMS College of Engineering.

**Topic: Case Study of Top-Down Building Construction Project**

The Intel SRR3 project execution involved the top-down construction approach which is a big departure from the conventional way of constructing a building from the ground up. This approach required detailed planning and workings at the bid stage to manage and overcome the risk of the unknown.

The top-down construction approach has been used in the United States for a high-rise building project in the early 1970s. Since then, there is no evidence of this methodology being implemented anywhere in the world. Hence, it was initially difficult for the project team to imagine

(i) a building that had no columns to support the slabs,
(ii) a building wherein the roof is built first and the ground floor is the last one to be built,
(iii) a building where the façade was being installed while the floors are being built, and
(iv) a building that is finished and furnished from top to bottom.

The conventional sequence of construction was thus turned on its head with the use of the top-down construction and therein lies the challenges.
Mr. Michael Holland is the Chief Executive Officer of Embassy Office Parks, one of India’s leading property developers which owns and manages over 25 million square feet of commercial real estate space across Bangalore and Pune. He is also responsible for the office development pipeline, in excess of 20 million square feet, including four new business park projects in Chennai and Hyderabad.

Mr. Holland’s deep experience of the commercial real estate industry comes from 25 years of International projects. He has been a constant driver of innovation in the industry.

Prior to joining of Embassy, Mr. Holland was responsible for procurement and real estate with Microsoft Corporation, Asia Pacific.

Mr. Holland is a member of the RICS (Royal Institution of Chartered Surveyors) South Asia Board. He is actively involved in a number of community activities in India and is a Board Member of a number of charitable organisations focused on disability and education.

**Topic: Staying Relevant in Changing Times**

World is going through digital disruptions and undergoing socio economic transformations at rapid pace. Environment in which construction professionals are working is also transforming rapidly. Construction industry, which was once very un-organised and fragmented, is no exception to this change. The expectation of stakeholders from project professionals are changing with the transformation that’s happening in the industry from regulatory technology, business & human resources dimensions. In this context the construction project manager, who plays a very important role in making the projects successful, is also required to adapt to the changing environment in which he is operating. This talk explores how the construction PM professionals should adapt to the changing environment to stay relevant in these exiting times.

This talk will cover technological, managerial, leadership, digital and behaviour oriented learning and unlearning dimensions of a professional that are getting challenged.
Mr. Abhay Kumar Mishra

President, Transformation Business – Reliance Infrastructure Ltd.
CEO, Mumbai Metro One Pvt Ltd.

Abhay Kumar Mishra is President for Transportation Business of Reliance Infrastructure consisting of Roads, Highways, Airport and Metro businesses. He is also the CEO of Mumbai Metro One Pvt Ltd. He is a visionary business leader with 37 years of rich experience in Real Estate and Infrastructure Sector. In 2013, Mr. Mishra joined Reliance Infra and led its Metro projects with great business acumen and astute leadership.

Prior to joining Reliance, he was associated with Emaar MGF Land Pvt Ltd as COO, Special Projects in Real Estate Sector and prior to that he held various leadership positions in Indian Railways for over 23 years.

A Harvard Business Alumni, he is a Civil Engineer by qualification and an Ex-member of prestigious Indian Railway Services of Engineers.

He has been conferred with many awards and the most recent one being the “CEO OF THE YEAR” Award by World HRD Congress.

**Topic: Importance of Risk mitigation during project execution**

Today, Risk management has attained much more significance because of multiple factors and unexpected scenarios that a project is exposed during the course of conceptualization and implementation. However, risk management is often overlooked by Project Leaders.

In the light of technological advancement, availability of detailed specifications and increased emphasis on quality adherence, risks arising from technical side could be addressed to certain extent. However, risks arising out of other dynamic external factors, in an ever changing economic-financial arena, also require to be understood and assessed before planning and during execution of any project. Based on the qualitative and quantitative analysis, the risk response plan needs to be elaborated and progressively implemented throughout the project lifecycle.

In this paper, I will be focusing on various risks that various project leaders are exposed to and need to have a proper review and mitigation mechanism.
Mr. Damodaran Subramanian

Managing Director, SAFRAN Engineering Services India.

Mr. Damodaran Subramanian joined Safran in 2004 as Director – Systems Design. During his 14 years in Safran, he has held various key positions and was responsible for developing offshore talents to deliver services to global automotive, aerospace, railway majors and the Indian Defence Industries.

Mr. Subramanian worked on several transnational projects including B787, A380 and A350 for Boeing and Airbus. He was responsible for Key account management for Safran Landing Systems. As he grew in Safran, he also started assuming responsibility for Business Development, Strategy and Delivery of Engineering Business.

Prior to joining Safran he worked with Ashok Leyland and Detroit based Engineering company EASI.

Mr. Subramanian holds a Master’s degree in Systems and Information Management, and is also an alumnus of IIM Ahmedabad and IIM Bangalore.

Mr. Subramanian also holds key position in Society of Automotive Engineers India (SAEINDIA) Aerospace Board and the Bangalore Section.

**Topic: Business Challenges of product development for Defence Industry**

Modern day defence systems requirements are getting complex with the passage of time and developing new products to meet these ever-increasing complex demands is even more challenging. Putting together these complex systems calls for collaboration and integration of several key technologies. To meet these challenges business models, partnerships and collaborations are evolving at multiple levels and in dimensions unprecedented earlier. Systems engineering thorough Model Based Systems Engineering (MBSE) approach encompasses the entire product development. This is a new approach which requires a great deal of project management frameworks to be in place for its success and has to work closely with MBSE.

The contribution of good project management practices to support MBSE approach must be robust and multi-faceted to address some aspects like management of a digitized product life cycle, risk management to steer projects with OQD & OTD, financing models and simulations to support product life cycles. This also calls for shift in mindsets from managers to owners.
Col H S Shankar VSM (Retd.)

Chairman and Managing Director, Alpha Technologies

Col. H S Shankar is acclaimed as one of the foremost Defence R&D technologists in India today. In his 22-year-long service in the Indian Army / EME, he took part in both 1965 and 1971 Wars against Pakistan. He was decorated with Vishisht Seva Medal for upgrading the TIGERCAT Ground-to-Air Missile System. He held important assignments in the Army and had extended long tenures at the Border Areas in Punjab and in High Altitude Areas in Jammu and Kashmir and Sikkim.

He joined BEL in 1986 as Deputy General Manager and rose to become Director (R&D) in 1996, a post he held until 2003. At BEL, he was responsible for the development and production of Electronic Voting Machines (EVMs) which are being used today all over India for elections.

He launched the Alpha Design Technologies in March 2003 specialising in development and production of Night Vision Thermal sights, Electronic Warfare equipment and Tactical Communications equipment.

**Topic: Making it Big in Defence**
Mr. Amit Sudhakarbhai Trivedi,

Chief Manager, AERDC, Hindustan Aeronautics Ltd.

Mr. Amit Sudhakarbhai Trivedi is instrumental in taking the HAL Turbo Fan Engine program HTFE-25 on the path of success. He has been pivotal in carrying out the detail design of engine components, modules and assemblies. He has worked as coordinator among various design teams and outsourcing partners to realize program objectives as per committed milestones. He also worked closely with private industries for production of the Aero engine components through conventional manufacturing, 3D printing and through special processes.

Mr. Trivedi joined Hindustan Aeronautics Limited, Bengaluru in the year 2001 as Design Engineer and worked in indigenous engine development of PTAE-7 and Shakti Engines of HAL.

Mr. Trivedi completed M. Tech in Thermal Power and MSc in Thermal Power – Aerospace Propulsion from Cranfield University, UK. He is a graduate in Mechanical Engineering from the M.S. University of Baroda, Vadodara.

**Topic:** Aero Engines Design and Development through Effective Project Management approach in Indian Scenario

Aero Engines which give the Power to Flight to Aircraft and Helicopters are complex Engineering machines invented by mankind. Development and realization of an Aero engine requires multi-disciplinary capability and demands systematic efforts in the fields of Design, Manufacturing and Testing.

HAL which is the largest Defense Public Sector undertaking of the country has its presence in defence and aerospace segments for about 75 years. Its business spectrum encompasses design, manufacturing, repair and overhaul of Aircraft, Helicopter, Avionics, Engines, Aircraft system equipment and accessories. While several types of Aircraft and Helicopters have been developed indigenously in the country, there is a need for further significant efforts in developing various types of Aero Engines, to enhance the level of self-reliance. Exploratory studies conducted revealed that a) medium class thrust type and b) medium class power shaft type engines, for strategic applications can be launched, in pursuit of Indigenous capability development and Self-reliance in this field.
Ms. Bindu Bhatia

Managing Director, NeuCode Talent Academy

Ms. Bindu Bhatia has over 20 years of experience in Learning & Development, Coaching and in driving Organizational Development initiatives for clients across industries. Ms. Bhatia’s experience spreads across organizations of various sizes spanning from Multinational giants to agile Start-ups. Accenture, GE Capital, Mercer, Dell – EMC, 24(7), Schneider Electric, Ariba and SAP are some of her clients.

Ms. Bhatia facilitates powerful workshops and coaching sessions for middle and senior managers using her unique blended methodology of Neuro Linguistic Programming (NLP) and Emotional Intelligence. The programs designed by her have won several awards including Association of Training & Development BEST award, Golden Peacock Award and recognition at the World HRD Congress.

Ms. Bhatia holds a Master’s degree in Organizational Psychology, a Diploma in Instructional Design and a Diploma in Transactional Analysis. In addition, she holds several certifications, including Certified NLP Master Practitioner and Coach®, Six Thinking Hats® and First Things First ®.

**Topic: Leadership in the times of change**

What makes a great leader? - The answer keeps changing at the speed of new mobile versions we get in the market today. Leading a millennial workforce in the VUCA (Volatile, Uncertain, Complex and Ambiguous) world, is no more about following a simple 4 box model of leadership. Expectations from the future leaders are totally different - thanks to the speed of change that we witness today!

In this 3-hour experiential session, the delegates will learn the Leadership Success Code for emerging leaders. The key takeaways for the delegates are,

- Understand the impact of the changing industry landscape on expectations from the emerging future leaders
- Learn some latest NLP / EI based tools to manage change for self and others
- Experience and reflect on the top 3 leadership skills, for you to emerge as a winner in the VUCA world
Dr. Srinivas Padmanabhuni

Chief Mentor, Tarah Technologies

Dr. Srinivas Padmanabhuni holds a doctorate in Computing Science from the University of Alberta, Edmonton, Canada specializing in Artificial Intelligence. He holds an MTech in Computer Science from IIT, Mumbai. He has been conferred the title of Eminent Engineer by Institute of Engineers India for his lifetime contributions. He is the chief Mentor for Tarah Technologies, an AI Consulting Company through which he does training and strategic consulting work in AI for enterprises. Prior to co-founding Tarah Technologies, he was Principal Research Scientist and Associate Vice President heading research at Infosys till Oct. 2015. Dr. Srinivas is the Past President of Association for Computing Machinery (ACM) India.

Dr. Srinivas has consulted for several Global 2000 enterprises, delivered over 100 invited talks, has around 7 granted & 15 filed patents, over 70 international referred publications, and one published book by Wiley to his credit. He has won several awards including the Excellence Award for Innovation at Infosys, Research Excellence Award at University of Alberta and Merit Award at IIT Kanpur.

**Topic: Artificial Intelligence and Machine Learning**

This session will demystify popular notions of Artificial Intelligence (AI) and will cover in depth the primary enabler of AI, namely Machine Learning.

In particular, it will cover different aspects of AI beyond machine learning. In machine learning it will help identify different types of machine learning problems. In particular via a case-based approach the attendees will get to practically identify the problem type for specific common business problems. We will explore several use cases across multiple verticals.

Focus in the end is to look at data science as the overall process for carrying out machine learning projects. In particular, this lays the foundation of the relationship between data science and machine learning often misunderstood as quite unrelated topics.
Mr. Raj Kalady

Managing Director, PMI India

Mr. Raj Kalady, Managing Director, PMI India, is responsible for advancing the project management profession and PMI in India. His key responsibilities include designing, developing, and implementing the strategic and business plan of PMI in India. He has leveraged his vast experience in project initiation, strategic planning, implementation, organization design, governance systems, leadership development and building sustained business growth to take PMI India to newer heights. Under his leadership, PMI has established a powerful brand in this high growth region, made deep inroads across the industry, Government, and academia, and developed strong ties with the practitioner community.

He is also an Independent Director on the board of Gwalior Smart City Development Corporation Limited.

An MBA in Marketing, Raj commands over 30 years of national and global experience in sales, channel development, and marketing in IT and Education.

Raj is a certified Level 1 paraglider and a certified advanced open water diver with over 200 dives.

**Topic: Value of Project Management**
Dr. Abburi Vidyasagar

Chairperson & Managing Director, Avantel Ltd. and Founder, WikiKids Ltd.

Dr. Vidyasagar Abburi serves as the Chairperson, Managing Director and Chief Executive Officer of Avantel Ltd. Dr. Vidyasagar started his career as a Design Engineer in Hindustan Aeronautics Limited, Hyderabad and later worked as General Manager for two reputed organizations. Dr. Vidyasagar has been Executive Director of Avantel Ltd. since August 1, 1992. Dr. Vidyasagar is an Engineering Master Graduate. He did his B.Tech from JNTU, Kakinada, Andhra Pradesh in the years 1977 to 1981 and did his Master of Engineering from NT, Kharagpur from 1981 to 1983. He also did Master of Business Administration from Osmania University, Hyderabad in 1991.

He is also the founder of Wiki Kids.

**Topic: Mobile Satellite Terminals for Defense aircraft - A Success Story**

With the advancement of technology, military hardware and equipment have also undergone a revolutionary change. This has not only enabled military commanders to come up with innovative strategies in their operations, and mobility is a key element of every strategy. Airpower is an element which acts as a force multiplier and commanders plans to leverage this resource to their advantage. The success of this deployment hinges on how effective communication are in these fluid conditions of a battle field. Effective communication means reliable, robust and secure networks which are not disturbed by the vagaries of combat zones. While static networks are effective to the core, mobile terminals which have the matching speed of the fighting forces is the need of the hour.

This talk will share the success story of how Avantel developed and deployed mobile satellite terminals for defence aircraft. The focus will be on the infrastructure and skills set needed to successfully manage aviation projects, and some of the challenges which one faces when integrating satellite communication infrastructure on military aircraft.
Mr G Raghavendra Rao

Advisor for Bharat Electronics Ltd.

Mr. Raghavendra Rao served for over 37 years at Bharat Electronics Ltd. and retired as Executive Director, Human Resources. He held various senior positions in BEL. He was the Technical (Director) and served as General Manager for three business units – EW & Avionics at Bangalore, BEL-Hyderabad and BEL-Machilipatnam. He led the Hyderabad Unit to win Raksha Mantri Awards for Research and for Indigenization efforts. He was part of the Core Team that was formed in 1984 for establishing the new BEL Unit at Hyderabad for manufacturing EW Equipment and he saw the unit grow in size and capability.

Mr. Raghavendra Rao is a keen proponent of Quality Management and Environment Management activities and was Management Representative for ISO 14001 assessment. He is a Qualified Assessor for CII Business Excellence Model and was an active member of the team that helped BEL win the “CII EXIM Strong Commitment to Excellence” award in 2007 and 2012.

Mr. Raghavendra Rao is BE, Mechanical and a Gold Medallist in MBA that he completed at Institute of Public Enterprise, Hyderabad.

**Topic: Delivering the impossible - Beyond Project Management**

The Jammer Vehicles are part of VIP Convoys and Army Convoys to prevent activation of Remotely Controlled Improvised Explosives Devices (RCIEDs) used by anti-social elements to cause disruption and damage. The Jammer works by jamming radio waves in the vicinity. These vehicles were designed and manufactured by Bharat Electronics Ltd., Hyderabad.

In this session we will be discussing about a specific project kicked off to deliver 335 Jammer Vehicles in a period of 10 months. The challenge was to raise production from 5 to 10 vehicles to 35 vehicles a month with improved features that need to be developed.

The project required crashing down of design, development, manufacturing and testing of the vehicles. The team was required to introduce out of the box innovative techniques to accomplish the task, many of which are far beyond the realms of regular project management.

The speaker will cover the 10 month journey that made the impossible to be accomplished.
Mr. H N Ramakrishna

Director (Retd), Marketing, Bharat Electronics Ltd.

Mr Ramakrishna, retired from Bharat Electronics Ltd in August 2013, as Director, Marketing, after serving in various functions and positions for 36 years covering Research and Development, Design Evaluation, Quality Assurance, Production, Quality Education and Marketing. He has since been functioning as an honorary advisor, American Society for Quality, India and has been coaching MBA students as a professor at Ramaiah Institute of Management.

Mr Ramakrishna is also an Independent Director on the board of Heavy Engineering Corporation, Ranchi, under Ministry of Heavy Industries.

He holds a BSc degree in Physics and Mathematics from the University of Mysore and a Master’s degree in Electronics and Communication from Indian Institute of Science.

His hobbies include reading, listening to music and tourism.

**Topic:** Best Practices for success in Defense Manufacturing

India is among the top 10 countries in defence spending. Govt’s push for ‘Make in India’ coupled with ‘Buy Indian – IDDM’ (Indigenously Designed, Developed and Manufactured) Defence Procurement Procedure, presents immense opportunities to Indian companies.

In order to collaborate or compete with International companies, Indian companies have to achieve excellence in all aspects, particularly, Quality, Reliability, Cost and Delivery. The challenges in defence business are, long cycle times for acquisition, long duration projects, life cycle support, fast changing technology and harsh environmental conditions. Further, the complexities are, periodic upgrades for products and systems, maintaining different versions of the same product for different platforms, project management and critical safety requirements. These challenges and complexities will make it imperative for companies to achieve excellence at all levels and aspects in an organization.

Organizational excellence can only be achieved by a system of effective project management complemented by best practices at the organizational level and in all functions.
Mr. Kanikpati Vijaya Bhasker

Business Head – Hydel & Tunnels Segment, L&T Construction

Mr. Kanikpati Vijaya Bhasker is currently responsible for winning contracts and executing them with Profit and Loss responsibilities. Has about 32 years of experience in Project Management and Contract Management in a variety of Power Projects in India. He has executed projects creating a Thermal Power capacity aggregating to 2000 Mega Watts, Hydro Power over 3000 Mega Watt and Solar Power to the tune of 100 Mega Watts.

A Civil Engineer by profession, Mr. Bhasker also completed Master of Technology in Structures and Master of Business Administration in Finance and Bachelor of Law. Before joining L&T, he worked in Reliance Infocomm and AP State Electricity Board.

Mr. Bhasker has Fellow/ Member status in various prestigious institutes including Chartered Institute of Arbitrators, UK, Institution of Civil Engineers (ICE), UK, International Project Management Association, Germany and Institution of Engineers, India.

**Topic:** Executing Mega Barrage Project with Speed & Scale

The Medigadda Barrage Project aims to reverse river Godavari and flood the upper reaches so that it can quench the thirst of millions of Telangana residents and help realize the Honourable Chief Minister Shri. K Chandrasekhar Rao’s dream of converting the state into a Hub of Seeds. The scope of the project is to construct a Barrage for a length of 1632 meters with 85 Radial Gates and Hoisting along with formation of 2162 meters Guide Bunds on either side of Barrage across river Godavari at Medigadda, Mahadevapur in the district of Karimnagar, Telangana State. The project was required to be completed in 24 months.

One of the challenges is to tackle the force of River Godavari as it comes rushing down from the mountain side. The project is a demonstration of L&T’s Heavy Civil Infrastructure’s capabilities to successfully complete a challenging project.
Dr. B R Srinivasa Murthy

Prof. (Retd.), Civil Engineering Department, Indian Institute of Science, Bangalore.

Dr. Prof. B R Srinivasa Murthy retired from Indian Institute of Science in 2005 but continues to be sought after by many Advisory Committees including Technical Advisory Committees of Bruhat Bangalore Mahanagara Palike.

Dr. Srinivasa Murthy is known for successful construction of several vehicular and pedestrian underpasses below high ways by Box-Jacking technique without disturbing the road or the traffic. His M Tech in Soil Engineering and his experience from construction projects have helped him become an expert in designing various techniques of laying foundations. Dr. Srinivasa Murthy has done extensive research in the areas of Constitutive Modelling of Fine grained soils, Reinforced Earth and techniques like Micro-piling and Grouted anchors. He is the co-author of a book titled “Prediction of Soil Behaviour”. He has presented over 100 Technical Papers.

Dr. Srinivasa Murthy has been conferred with many honors including “The Fellow of Institution of Engineers”, “Honorary Fellow of ACCE” and “Life Fellow if IGS”. He has won several awards including Distinguished Engineer Award of the year 2006 by Institution of Engineers (India) and Outstanding Civil Engineer’s Award of ACCE in 2008.

**Topic: Case studies of Failures of structures during construction**

The concept of Project Management encompasses very wide domain covering all the disciplines of Engineering and involves Projects of sizes ranging from micro-level to macro-level. Amongst all the disciplines, the civil engineering field has the highest potential for value creation because of the extreme sizes. In India, Project Management Consultancy for Civil Engineering Projects has grown in the last 30 years to a reasonably high level but mostly in an unregulated way. This has caused damage to the credibility of the profession. The challenge could be due to the lack of systematic approach by the technical field staff. The civil engineering is a special in a sense because the solutions to every problem must be found only at the site.

Dr. Srinivasa Murthy will demonstrate how project failures are caused by taking decisions without understanding the realities at the construction site through four real-life projects.
Mr. Markandey Upadhyay

Co-founder, Thought Factory, Axis Innovation Lab

Mr. Markandey Upadhyay is a co-founder of Thought Factory – Axis Bank Innovation Lab established to bring digital innovation through in-house incubator and accelerator program for financial technology start-ups. Mr. Upadhyay did his engineering in IIT Mumbai and completed PG Diploma in Business Management from IIM Ahmedabad. He holds a Master’s degree in Advanced Computer Science from University of Birmingham with specialisation in “Natural Computation”. Mr. Upadhyay is passionate about making banking intelligent, intuitive and instant through usage of Artificial Intelligence, Machine Learning, BIG Data analytics and API Banking.

His experience includes heading risk analytics for Retail Lending business and pioneering in solutions for instant digital underwriting. One of his key areas of interest is to make banking secure for both customer and the bank by using deep learning and other machine learning algorithms. He is a sports enthusiast and loves to play cricket, badminton, table tennis and pool.

**Topic:** Digital Transformation.
Dr. Sieglinde Pfaendler

Innovation Manager

Robert Bosch Engineering and Business Solutions Pt. Ltd.

Dr. Sieglinde Pfaendler (Ziglander) has been focusing on External Innovation with Start-ups and Universities in addition to supporting of Internal Innovation Activities for Robert Bosch. She is a Technical Reviewer of Research Proposal for Universities. She also is part of the team driving Technology Strategy.

Dr. Ziglander has been co-ordinating industrial research projects focusing on building co-operation between academia and industry since 2008. She was trained as an experimental physicist with ten years of experience developing semiconductor materials and fabricating devices for direct commercial applications.

Dr. Ziglander’s specialities include development of Next-Gen materials and devices for security, retail and packaging industries. She specializes in materials research and development and has rich experience in project management of research programs.

She did her doctorate in “Semiconductor Physics: Fabrication, Microscopy, and Electrical Conductance of Ridge Quantum Wires “from University of Cambridge. Post that she was a Research Associate with Nokia and was a Visiting Research Associate at Indian Institute of Science, Bangalore.
Mr. Uddipan Bagchi

Vice President Insurance, NTT Data Services Pvt. Ltd.

Mr. Uddipan Bagchi is a Senior Executive in the Information Technology sector with an experience in growing business from zero 100 Million US Dollars. He had handle all aspects of business right from selling to delivery of projects in the areas of Back-office Transformation and Customer Services. His work involved disruptive digital innovations that leveraged mobility, social media and data analytics.

Mr. Bagchi has worked from different countries for top organisations like Wipro, Dell, NTT Data and Tech Mahindra. During his career he had handled various leadership roles ranging from management of large and complex programs to Enterprise Architecture Consulting.

Mr. Bagchi earned Bachelor of Technology from IIT Kanpur and later completed Masters in Business Administration at IIM, Kolkata. He is also a Stanford Certified Project Management Professional. He also mentors students at Institute of Finance and International Management, Bengaluru.
Prof. Pinkesh Shah

Founder, Institute of Product Leadership, India

Prof. Pinkesh Shah, Senior Faculty at the Institute of Product Leadership is a senior product practitioner, veteran technologist, B-School faculty, angel investor and sought-after speaker. He has had a number of leadership roles in Silicon Valley technology firms including Global VP of Product Management responsible for the Risk and Compliance portfolio of products at McAfee (now part of Intel) and Chief Security Architect & Director of Products at NetIQ. Prof. Shah is on the board of several technology startups. Prof. Shah brings his vast industry experience and deep knowledge of product strategy, marketing and management into his sessions. He has an MS in Computer Science from Purdue University.
Mr. Naresh V Narasimhan

Head, Venkataramanan Associates

Mr. Naresh V Narasimhan presently heads M/s. Venkataramanan Associates, a second-generation multi-disciplinary award-winning architecture firm. With a value system based on integrity, commitment, professionalism and ethics, Mr. Naresh had led Venkataramanan Associates to a high level of reputation by delivering high-quality projects. Mr. Naresh did his Bachelors in Architecture from Manipal Institute of Technology. He also studied Project Appraisal and Risk Management at Harvard University.

Mr. Narasimhan also founded the MOD Institute, an international group of architects, designers, researchers, curators and practitioners engaged in the urbanisation processes in India. He was also a member of the Bangalore Agenda Task Force addressing highly relevant urban issues.

Mr. Narasimhan’s interests range from socio-economic modelling, knowledge-sharing and communication strategies to cinema, art appreciation and popular culture. A prolific speaker, Mr. Narasimhan is frequently invited to lecture at several events nationally and internationally.

**Topic: Value Creation in Construction Projects through Deeper Capability Enhancement**

Value is a perceived measure and is conditioned by the importance of the outcome to the person/organization receiving the value. In the project context, the success of the project is measured on its ability to create value for its customer, for its organization and for the team. Value creation is the Pole Star for the project manager and teams and guides them to make the right decisions throughout the lifecycle of the project.

For an organisation to achieve its strategic goals it’s important to attract, retain and develop the employees. The most important step any organization can take to deliver its value is to enhance its workforce capabilities. Organizations, irrespective of their size, have increasingly moved from being a “me-too” player, to “niche” players to differentiate from the competition. Their workforce is the one that makes that differentiation to stand out. Organizations face a huge challenge of adopting to evolving regulatory, management, business and technological challenges to stay relevant and grow, unless their human resources are adequately equipped to face the challenges. Deeper the Capability Enhancement, the stronger the organisations’ success in the modern business environment. In any project about 2-3% are managers, 10 to 15% engineers and 80 to 85% are skills and unskilled workers. What are the challenges and opportunities in Capability Enhancement of employees for construction sector? Which layer has highest impact on the project success? What priorities an organisation can set in such a dynamic and complex situation? This panel discussion explores this deeper topic.
Dr. Aswath M U

Principal & Head of Civil Engineering, Bangalore Institute of Technology.

Dr. Aswath specializes in Concrete Structures and did his Ph.D. on Structural Engineering. He is the Vice President of Indian Concrete Institute. He is also Academic Senate Member and Chairman of Board of Studies in Visvesvaraya Technical University. He is also a Technical Advisor to Ready Mixed Concrete Manufacturers Association.

Dr. Aswath has published more than 200 papers at national and international levels. He was presented the CIDC Vishwakarma Award in 2014 for “Outstanding Academician” by Construction Industry Development Council (CIDC) established by Planning Commission, Government of India. He was felicitated by Karnataka Chief Minister Shri. Jagadeesh Shettar for his role as Editor-in-Chief for publishing “Reference Manual for Field Engineers on Building Construction”. This was published by Task Force for Quality Assurance in Public Constructions, Government of Karnataka. He was also named the “Eminent Engineer” in 2011 by ACCE(I).
Ms. R Shobha

National Director, Colliers International.

Ms. R Shobha has over 18 years of experience as a Project Manager and Architect. She is responsible for managing the India P&L for Project Management service-line with a team of 260+ professionals. She is part of National Executive Team delivering strategy for India driving Colliers pillars of Client, People, Platform and Brand. Prior to Colliers International, she worked with International Property Consultants delivering a variety of projects ranging from corporate fit outs, campuses, retail units, industrial/ warehousing units, healthcare facilities and educational institutions.

Ms. Shobha is an Architect registered with Council of Architecture and Member of Royal Institute of Chartered Surveyors. She is currently pursuing Executive General Management Program from IIM, Bangalore.

Ms. Shobha is a strong believer in encouraging diversity of thoughts and experience at the workplace. She has been volunteering with several NGOs through the last decade and in her previous organization, set up the employee driven CSR initiative called the CW2.
Dr. Srinivas Ravindra

Executive Director, Centre for Sustainable Development

Dr. Srinivas Ravindra is leading the Centre of Sustainable Development towards promoting sustainable development activities in the areas of environment, energy and water across India. He is also the Chairman for the Green Skills Academy set up with affiliation of National Skills Development Corporation. He was a Senior Environmental Specialist (Consultant) with the World Bank prior to joining CSD.

Dr. Srinivas has fourteen years of experience in the field of green skills and sustainable development. He had worked on the UNIDO funded Cleaner Production Program of Government of Karnataka developing Clean Technology.

Dr. Srinivas completed his doctoral studies in Environmental Law from the National Law School of India, Bangalore. He also holds a Master’s Degree in Business Administration (MBA) and a PG Diploma in Environmental Law.

Dr. Srinivas co-authored the book on Urban Environmental Governance in India. He led CSD to win the National SKOCH Award 2018 for one of the best skill development initiatives in the country.
PM Enlight

In an increasing complex and dynamic work environment, the need for a professional guidance and support tuned to an individual’s profile and aspiration is more profound than ever before. It transcends the boundaries of formal training and workshop and focusses more on building a trusted mentor-protege relationship where the protege benefits from the experience of the mentor.

Acknowledging the relevance of such a service for its core member constituents and the PM community at large, PMI Bangalore Chapter had introduced a Mentor forum in 2015 at PMI National Conference, and followed through in the Project Management Practitioner’s Conference, 2016 & 2017. In continuation of that initiative, a similar forum is being organized in Project Management Practitioner’s Conference, 2018. Keeping in tune with the theme of this year’s PMP conference "Architecting Project Management for Value creation", mentoring session with Industry experts will be offered in the following tracks:

1. Track 1: Redefining Self Development
2. Track 2: Re-orienting Project Managers for the VUCA world
3. Track 3: Transforming from being Project Manager to Business leader

At its best, mentoring can be a life-altering relationship that inspires mutual growth, learning, and development. Its effects can be remarkable, profound, and enduring; mentoring relationships have the capacity to transform individuals, groups, organizations, and communities. Research has consistently found mentored individuals to be more satisfied and committed to their professions than non-mentored individuals.

This initiative received an overwhelming response in previous conferences and we are very hopeful that this year’s track with the galaxy of mentors will elicit similar interest from the conference delegates.
Mr. Shankar Thayumanavan

Founder & Managing Partner, Ash-Hubs

Mr. Shankar Thayumanavan is Founder & Managing Partner of Ash-Hubs, a niche Innovation Consulting firm. Mr. Thayumanavan had held senior leadership positions at Accenture and Deutsche Bank having led mission critical programs in his more than 2 decades of industry experience. He specializes in facilitating mindset shift & disruptive thinking and has engaged more than 900 leaders across several blue-chip companies. Additionally, Mr. Thayumanavan is an Executive Coach credentialed through the International Coaching Federation.
Mr. Anant Krishnan

Senior Partner, Ash-Hubs

Mr. Anant Krishnan, Senior Partner at Ash-Hubs has spent more than 25 years in mainstream IT including leadership roles across Business Development, Account Management, Complex Delivery and Business Unit Management, with People Management integrated across all these roles. He has held responsibility in excess of 3000 people as a former MD at Accenture.

Over the past 4 years, Anant has been facilitating programs on Leadership Development in India and overseas - for the BIG 4 consulting firms, leading global Product organizations, financial services firms and some non-service oriented organizations. Additionally, Anant is an executive coach credentialed through the International Coaching Federation.
Mr. Sridhar Ramachandran

Principal Advisor, Affordable Business Solutions Private Limited, Associate Consultant, SHL India Private Limited.

Mr. Sridhar Ramachandran works as a Principal Consultant with Affordable Business Solutions that focuses on delivering value through information technology assets, cloud solutions and business consulting to the Small and Medium Enterprises sector in India. With a Master in Business Administration from University of Cochin and Master in Business Law from National Law School University of India (NLSUI), and over 33 years of professional experiences in India and abroad, in Manufacturing and IT services, Mr. Ramachandran brings to bear experiences in the domains of General Management, Business Operations, Sales, Customer Fulfilment and People Practices.

Prior to ABS, Mr. Ramachandran was with I-Flex Solutions / Oracle Financial Services Software (OFSS) as the Global Head and Vice-President of IT services division managing a portfolio of services generating USD 170 MM turnover, with 3000+ people and over 9 offices worldwide.

In his current role, Mr. Ramachandran works with customers as a people practioner, change agent and technology evangelist to enable them manage change, adopt information technology solutions and bring to bear business achievements.
Dr. Sunitha Murthy
Associate Consultant, SHL India Pvt. Ltd.

Dr. Sunitha is a leadership and talent development consultant. She is associated SHL. She has lead Assessment Centres across geographies both in India and abroad. She has assessed people across levels starting from management trainees to VPs. She coaches senior managers in one of the top Indian Business Groups. She has mentored managers and enabled them to take on leadership roles with regular guidance.

Sunitha was involved in Mentoring delegates in Project Management Practitioner’s Conference 2017 conducted by PMI Bangalore Chapter. She mentored delegates on “Changing from managers to leaders” Sunitha holds a post graduate degree in Clinical Psychology and Doctorate in Social Psychology.
Mr. Glen Brass
Founder and Principal Consultant, PeoplesPulse

Mr. Glen Brass brings in over 40 years of hands-on experience in operational HR, HR Consulting/training as well as Organization Governance and is a Visiting faculty for PG courses in reputed educational institutions in Bangalore. He has held senior positions in organizations such as United Breweries / Motorola / Yokogawa BlueStar and headed the HR function in ANZ-IT and Societe Generale Global Solutions Centre. He was on the Board of Studies (BoS) at both Jyoti Nivas College (MBA department) and St. Joseph’s College of Commerce.

Mr. Brass is the Founder and Principal Consultant of PeoplesPulse – an organization providing HR and Management consultancy services as well as a Director in M/s Apt Career Services Pvt. Ltd. Mr. Brass is a life member of both NIPM as well as NHRD. He has published many articles, held radio talks with reputed authors like Dr. K.Aswathappa. Mr. Brass is the Vice-President in the National Federation of the Past Pupils of Don Bosco.
Mr. P S Somasunder

Managing Director, FABS Pvt. Ltd.

Mr. P S Somasunder has over 35 years of construction experience. He started his career with Larsen & Toubro as management trainee and rose to head the Buildings & Factories Division of L&T-ECC for Karnataka in 1996. The ready mix concrete division of L&T was started under his leadership in 1996.

Mr. Somasunder then joined Bovis Lend Lease (BLL) as head of Indian operations in 1999 after a year of work at Doha-Qatar. Subsequently, in 2003, he was promoted as the Country Manager for BLL in India. Under his leadership, BLL successfully delivered many major projects including rollout of 13 factories for Coca Cola across the country and campuses of Oracle, SAP Labs, Intel and Unisys.

Mr. Somasunder founded Facilities and Building Solutions Pvt. Ltd. in February 2005 with the purpose of building a strong project and construction management team to deliver quality services to the Indian construction industry. Under his leadership, FABS has grown smoothly and rapidly from a starting team size of 6 people to the current strength of over 190. He has led FABS to complete successful delivery of projects valued at over Rs.13,000 crores.
Mr. T R Anand

Advisor, Seed Investor & Leadership Consultant
Education | Technology | Digital Services

Mr. T R Anand comes with a rich experience of 37 years in the Information Technology Industry. After completing PGDBM from IIM Ahmedabad, he joined TCS and later moved to IBM India. He later joined Tech Mahindra and was managing a 500M$ Global Business before he quit and started focusing on growing Education Sector as a consultant. He has been Advisor for SRM University for over 8 years. He is presently an Advisor for Atria Group helping them restructure their offerings to the Engineering students.

Mr. Anand has also taken great interest in promoting Entrepreneurship by helping start-ups. He is a member of the Governing Council of The Indus Entrepreneurs (TIE), Bangalore Chapter. He continues to leverage his experience with transformation of IT business and is working as Leadership Consultant for Transformational Growth at a couple of Technology Product and Services companies.

Mr. Anand is also a keen technical writer and is the Chief Editor for “Rising the IOT Quotient in India”. Mr. Anand is a well-wisher of PMI Bangalore India Chapter and is a member of the Advisory Committee of the chapter.
Mr. Nagesh Ramamurthy, PMP, CSQA, CSM.

Retired IT Leader

Mr. Nagesh Ramamurthy is a retired IT Professional, with nearly forty years of experience. After spending two decades in the technical arm of the Indian Air Force, where he was a Wing Commander, Mr. Ramamurthy managed projects in corporate IT. He had worked with I-on Idea and IQVIA (formerly IMS Health) in varied roles across the SDLC (project implementation, testing, operations and resource management), and had led many organizations to ISO 9001/27001, CMM/CMMi L3/L4.

Mr. Ramamurthy has been volunteering with PMI since 2005, and was the Chair of the PMI Board Volunteer Advisory Committee in 2012. In 2013, Mr. Ramamurthy became the first member of the PMI Bangalore India Chapter to graduate from the PMI Leadership Institute Master Class. Most recently, Mr. Ramamurthy was a member of the PMI Professional Awards Member Advisory Group.

Mr. Ramamurthy is a hobby photographer, a member of the Bangalore Butterfly Club, and an active Instagram user with 3 K posts and over 1500 followers.
Mr. Vijay Paul

COO NetServ Technologies & Immediate Past President, PMI Bangalore India Chapter

Vijay K Paul is a professional with over thirty-five years of professional experience in strategic business management, product life cycle program / portfolio leadership, Business Transformation and Human Resources Management with global corporations and small & medium sector companies. His experience spans between IT / ITES Software and Health Care sectors. He has been instrumental in delivering projects covering Medical Devices, IT solutions in Consumer Products Group (CPG), Government & Public-Sector companies, national Defense Programs, Healthcare Service providers and ecommerce start up.

Currently, Vijay works as Chief Operations Officer (COO) with NetServ Technologies, a mid sized software product engineering company. His previous association have been with General Electric (GE) Healthcare, Wipro Corporation, BioGenex and has run a medical diagnostic Services company.

Vijay has been volunteering for PMI Bangalore India Chapter for almost a decade & has been on their Board, including being the President till recently. Currently, he is the President at HAL II Stage Civic Amenities & Cultural Association (HAL II CACA) to work with Public & Civil issues related to challenges citizens are facing in exponentially growing city Namma Bengaluru

Vijay is an Electrical Engineer from Indian Institute of Technology (IIT) Delhi and holds Post Graduate Diploma in Management from Indian Institute of Management (IIM) Ahmedabad. He got Project Management Professional (PMP) certified in 2006. He is a Six Sigma Green belt too.
Mr. Brian McMurray

Vice President Engineering and Operations, GM Technical Centre India.

Brian is the Vice President, Engineering and Operations at GM Technical Centre India. He has been with GM since 1997 and has held various leadership positions during his stint with GM. He has global experience having worked in England, China, US and Australia. He moved to India in 2014 as Director-Vehicle Integration and he now heads Engineering and Operations for the Centre.

Brian holds an Engineering degree from New Castle and an MBA from New York Institute of Technology. His passion for cars at a tender age of three set the runway for his career trajectory in the automotive sector.

**Topic:** Re imaging Project Management in the era of transformation
Ms. Bhuvaneswari Jayaraman

Assistant Manager, Jubilant Biosys Limited.

Ms. Bhuvaneswari Jayaraman (Bhuvana) is a PMI certified Project Management Professional. A biotechnologist by academics, she started her career in Project Management and has about 6.5 years of rich experience in managing projects end to end in pharma CRO business for clients across various geographic locations, and nature of projects being PO based, integrated programs and IND enabling studies with a high exposure in verticals viz. R&D, Scale-up, and Toxicology. Bhuvana is currently working for Jubilant Biosys Limited, as Assistant Manager in Project Management. She writes poems, blogs in her free time, and is a trained classical singer.

**Topic: Across geographies, from the lens of a project manager from a healthcare CRO business.**

I am writing about a little different path here – it’s not my team that’s diversified but my clients. The highest external challenge for a project manager in a CRO (Contract Research Organization) space is the successful project delivery to the clients residing oceans away! Not just the time zones but multiple factors like cultural differences, business model, country rules and regulations etc. keep playing the snakes in the snake and ladder game of project management. Immaterial of the complexity of the project and business vertical, a religious practice of the basics would help the project manager in running the show without much a chaos. Key elements: 1. Homework on culture and country – a little bit of dedicated research 2. Rapport and gaining confidence – talk and walk their project language 3. Technical expertise – our brains are for you 4. Articulation of project progress – I am still supplying you a cow which would yield less milk but not a bull for sure Being aware of riding a ship in the rough sea, the sailing skill of a project manager plays a vital role in not just the safe arrival at the destination but also on future travel opportunities.
Mr. Shaik Karimulla Sha

Senior Project Manager, WS ATKINS PVT LTD.

Shaik Karimulla Sha is a certified PMP and Chartered Engineer from IMechE. He has got 15 years of experience in project management and design management across Transportation, Aerospace and Energy businesses. He has managed projects from bid to complete life cycle, leading multinational teams and delivering multi-disciplinary projects with £100K to £30M of revenue, related to OEM product development and design engineering projects in India, UK and USA. He is working as a Project Manager at Atkins, India, Member of SNC Lavalin, currently leading Regional Investment Strategy, UK Roads Improvement project portfolio as a global lead commercial manager (Dpty.) portfolio and work package manager for Atkins, India. He has got expertise on revenue management of Atkins, India operations. He has previously worked as a Scientist at Indian Space Research Organization, IISU, Trivandrum and is a prolific inventor with 5 patents and 6 publications at US patent office on Turbo machines.

**Topic: Redefining Collaboration on UK Roads Improvement, a Large Multi-D Project Portfolio**

Road investment scheme is a strategic project portfolio for ATKINS which includes 10 projects across three packages with construction cost of GBP 1.5 Billion. Atkins’ design scope includes Optioneering, Assessment, design development, DCO application and design to construction with duration over 5 years. Atkins Global design centre (GDC) in Bengaluru is collaborating with multiple UK offices since 2016 and is considered as key partner of success in delivery of design involving multidisciplinary teams across Global offices. GDC staff are playing global lead roles across PMO, Highways, Information Management and Structures disciplines managing global teams. GDC staff are collaborating with around 1000 global staff across 7+ offices of Atkins and with client offices of Highways England in UK. Proactively driving continuous improvement through development of robust process maps and automated tools has led to achieve consistency across portfolio of projects and meeting timely delivery within agreed costs and to the right quality. Providing simplified and efficient solutions that enable project managers across global offices to meet delivery requirements and exceed client expectations. Proactively helping the projects to meet and exceed incentive linked performance requirements from the Highways England and thereby enabling ATKINS to become the preferred supplier and win more work on next stages of design and new schemes. Digital solutions using analytics and Robotic Process Automation is being implemented on integrated project controls management and 3D design modelling.
Mr. Avinash Rao

Program Director, Mindtree

Avinash is a regular speaker and thought leader in Agile, LEAN and Kanban, with strong Engagement, Program and Project leadership; in selling, structuring and delivering large programs in multi-region, multi-vendor situations. Thought leader in Scaling Agile, and in the definition of Program Management and PMO offerings. Among various other conferences and meetups, Avinash has spoken at various times at BEACON 2017; Lean Kanban India; at Agile India; at the Agile Coach Meetup, Bangalore; and the India Regional Scrum Gathering.

Topic: Navigating Project with Cynefin and a Roadmap for Delivering Project Value

If the job of a Project or Program Manager is to deliver the value from a project, the task has been increasingly complicated by the varying definitions of value across projects and programs. Customers realize that a large number of their projects don’t deliver value; but find it difficult to articulate the value expected. It isn’t that the customers don’t know what they want, but the answer lies in being able to accurately recognize the challenge in the particular instance, and deploying the right PM Toolset to address the specific ask. A useful method to understand where the project resides in terms of complexity is to use the Cynefin framework. Each of the habitats in Cynefin demands a different approach from the PM; for example, a focus on defined benefits is misplaced in a ‘Complex’ Cynefin environment, where value is understood with each step. In such a case, agile methods are much more suitable, but must be applied to the management of the project itself, and not just in its execution. In this paper, we will dive in-depth into the various Cynefin habitats, understand the role the Project Manager must play in each to create and deliver value. We will also provide a Toolkit for PMs in each scenario - how they can use agile methods, PMO resources, and to what focus and effect they should deploy these resources in the service of Value.
Mr. Kanishka Sahni
Assistant Manager Projects, ITC Ltd.

Kanishka is B.Tech (Civil Engineering) graduate from IIT Roorkee and is currently working at ITC Limited. At ITC, he handles Project Initiation Cell for setting up FMCG Manufacturing and Logistics Facilities across India. He also handles Innovation and Sustainability across upcoming FMCG facilities with a focus on improving operational efficiencies. He is a certified Project Management Professional (PMP) and also ISO 9001:2015 Internal Auditor (Quality Management System). He has received Certificate of Appreciation from Global Reporting Initiative (GRI) and is IGBC Accredited Professional.

**Topic:** Agile Project Management for Construction Projects

The objective of Project Management is to deliver a Project which complies with the client’s needs and objectives in the most efficient manner. However, it often arises, that the client’s objectives might still be unclear or though the objectives clear, the requirements fluctuating. Such scenarios limit the application of traditional project management principles to address changing Project scope, specifications or even final objectives. Identifying this concern, new principles like Agile Project Management were developed, specifically for IT Projects, to address such dynamic scenarios. The purpose of this study is to introduce key principles of agile approaches into construction projects where projects are more physical in nature and repercussion of changes more irreversible compared to IT projects.

The study focusses on ‘windows of change’ for construction projects by introducing the concept of ‘delaying the point of differentiation’. The study is not aimed at replacing waterfall methods as used currently but to integrate predictive and adaptive principles developing an agile approach customized for construction projects. The application of such an approach to construction projects have proven to be a disruption in the industry by amicably addressing the aspects of change management in a time and cost-efficient manner, while additionally providing a structured approach for stakeholder management. An early adaptation and understanding of this approach has the potential to minimize cost of re-engineering, rework, and completion by ~5 % of the total project budget, when compared to conventional Project Management approaches.
Mr. Kingsley David Richard

Technology Evangelist, ABB

David is working as a Technology Evangelist for the Digital program at ABB. He is a certified PMP and has played different roles in ABB, which includes Project Manager, Scrum Master and Product Analyst for various Control System related software product releases. His previous experience is in handling instrumentation and control for greenfield Power plant projects. He has also been a process control engineer with an expertise in Pulp and Paper industry segment. With red and Ferrari as his favourite, he closely follows Formula 1, which uses the most advanced technologies in Motorsport. He is also an aquarist and maintains a sizable aquarium at home.

Topic: Delivering Value through intelligence

The world is becoming smaller and smarter due to the growing intelligence of devices. This paper explains how devices are becoming more intelligent, thus bringing more value to its users and the role of PM for these projects. Devices are monitoring the heart rate of a sports person, health of aircraft engines, traffic density and many more. As these parameters are transmitted over internet, they help users across global locations to take appropriate actions. Over the past few years, huge amount of data are collected over various domains and manual analysis were done. Now devices are created with more intelligence and they start making decisions on their own. Devices are also given the ability to learn, thereby the error band is reduced to a great extent. Impact of these machines/devices are there in our day to day lives. How much of value are being delivered? What is the extend these machines needs to be intelligent? Are there any grey lines? Are there unanswered questions when autonomous vehicles are moving around us? Will we get the confidence to travel by a cab without a driver? With the next revolution of Industries 4.0, devices are interacting and making decisions. What is the value add of Project Managers in IoT Projects? Few pointers are, see the actual value delivered to Customers, keep things simple, view beyond the horizon, keep pace with technology and be open for simple and great ideas. As project managers, are we ready for this intelligence?
Mr. Michael Isaac

Senior Project Manager, Volvo Group India Private Limited

Michael Isaac has over 18 years of experience in developing enterprise IT strategies and leading transformation programs in the Automotive and Telecom domains. He has led digital transformation initiatives for various manufacturing entities with a focus on Industry 4.0 implementations. He has also built and led high performance teams to design, implement and manage complex IT solutions. While being in various managerial positions, he has kept his passion for technology alive, keeping an eye on the latest disruptive innovations. He is currently working on opportunities to create business value for Volvo by exploiting the power of Blockchain enabled manufacturing and supply chain use cases.

**Topic: Industry 4.0 - The Fourth Industrial Revolution**

Digital transformation in the manufacturing industry, termed Industry 4.0 has become of strategic importance in a highly competitive space. This paper talks about the digital transformation of Volvo Construction Equipment (VCE) and how it brought about a seamless physical-digital integration of humans, processes, systems and machines across geographies. The scope was to have a common blueprint for digitalization of the production flow for 10 VCE plants spread across APAC, Europe and Americas. This was a high visibility, high impact initiative and agile methodology was the cornerstone of the program. This implementation resulted in huge improvements in the production flow in terms of cost, time and visibility.

The paper highlights the business value the program created for the organisation by leveraging the power of Industrial Internet of Things (IIOT) integrated with SAP Manufacturing Integration and Intelligence (MII). Having a robust integrated end-to-end system led to the reduction in the “Manufacturing Execution Systems” maintenance cost by more than 50%. One of the key challenges of a Just-in-Time/Just-in-Sequence production line is the dynamic nature of the shop-floor layout. This program achieved a shortened lead time for adaptation to shop-floor layout changes from 4 weeks to 3 days. Implementation of shop floor visualisation and data analytics led to improved operational efficiency. We were one of the early adopters to implement an integrated Industrial IOT with an ERP system. In addition, a holistic approach was taken towards providing value to the Business by developing a Business Continuity Plan for all the Volvo CE plants.
Mr. Prasanna Banavara

Engineering Manager, Intel

Prasanna is an Engineering Manager working in I2R (Ideas to Reality) an Innovation wing of Intel India. Here in I2R he is working on the Autonomous Driving research project and ADAS Systems for India. He has over 20 years of experience in Embedded Systems.

**Topic: Beyond ADAS-CAS, through Grey Spot Mapping**

India has several challenges and has a tremendous opportunities and potential to address the same through latest technologies. One such challenge is to reduce number of accidents happening in India and the impact it has on the society. Studies show that there are 17 deaths every hour in India. At this rate India loses 3.2 million people and loss of 3 % of GDP every year besides the social impact.

Installation of the ADAS (Advanced Driver-Assistance Systems)-CAS (collision avoidance systems) devices has tremendous impact by reducing # of accidents by 50 % to 60 % in globally on an average. This paper talks about how we can extended the alerts from the CAS devices and that helped in identifying the potential accidents zone (Grey Spots) through crowd sourced data and further enable better traffic management and city planning. Note: Black spot is where accidents have already occurred. Aggregating the basic CAS information as a data and correlation with other information opens up a different paradigm with next level of insights to enhance road safety. This pilot was deployed in a controlled environment and has enabled to us to get more insights and has further confirmed the hypothesis.
Dr. Asoke Talukder  

**Co-founder, Chief Science & Technology Officer, Vibrant Health Limited**

Dr. Prof. Asoke K Talukder is a thinker, serial entrepreneur, author, researcher, and a polymath. He did M.Sc. in Physics and Ph.D. in Computer Science. He is the recipient of the 2017 Karnataka Government Bio Excellence Award. He innovated technologies for companies like Microsoft, Oracle, Informix, Digital, Fujitsu-ICIM, Hewlett Packard, Sequoia, Northern Telecom, NEC, etc. He co-founded Vibrant Health Sciences, a company in Next Generation Health-Care and Human Health Sciences research. Earlier, he co-founded CellNext in 2000, the game changer and the first of its kind mobile computing company. He co-founded InterpretOmics in 2008, the first Big-data genomics company in India in Genomics and Systems Biology. He authored many technical papers and books; two of his books are translated in Chinese. He is recipient of many national and international awards. He is listed in "Who's Who in the World", "Who's Who in Science and Engineering", and "Outstanding Scientists of 21st Century".

**Topic:** Averting Crisis in Health Care Delivery through Knowledge Engineering and Artificial Intelligence
Mr. Tony Jacob

Director & Principal Consultant, Constask Management Solutions LLP

Er. Tony Jacob, PMP, MIE, PMI-PBA is a Civil Engineer & PG Diploma in Construction Management having Project Management Professional (PMP) certification since 2007 and PMI-PBA from 2015. Tony is the founder director and Principal Consultant of Constask Management Solutions LLP. He is an active volunteer in many professional bodies promoting Project Management & Lean Construction. He is currently serving as ILCE Bengaluru Hub leader and served as PMI Pearl City Chapter Board member for the period 2014-2016. He also contributed to the development of Project Management Body of Knowledge (PMBoK by Project Management Institute) and its construction extension. Tony has 17+ years of hands on experience in construction industry working in India and abroad. Apart from construction project execution he has experience in Management Consulting, business process improvements, document management system implementation, ERP development, SAP implementation and Mobile application conceptualization etc.

Topic: Collaborative Approach to Improve Construction Planning Efficiency

Low productivity, high work stress and reduced performance are the key people challenges resulting delays, cost overrun and quality problems in Construction Projects. Inefficient way of managing the project management processes or product processes causing such chaos and crisis in construction projects. Our study shows that, around 50% daily activities in construction projects are unplanned in nature. Non value adding situations like waiting for information, delay in decisions, rework due to error or quality issues, changes in priority of work, non-availability of resources etc. causing uncertainty in projects. The probability of a work to happen without any reminder in construction projects are only 25% and project situation demands continuous follow ups, frequent escalations and close monitoring to complete works. In another words 75-80% of activities that are part of project management processes are non-value adding and ‘firefighting’ to achieve projects objectives. The collaborative planning approach is the consolidation of simple best practices from Lean Construction and Project Management concepts implemented in systematic and structured way. It provides a practical framework to plan, monitor and control construction projects. The 4 level planning approach ensures value creation at every stage by involving appropriate stakeholders at right time and better manage the ‘known unknowns’ to reduce the uncertainty. Also commitment based monitoring will helps team to learn lessons from daily failures and better prepare the future works. This approach is implemented in several projects (real estate and infrastructure), recording 15-20% improvement (in terms of monthly target achievement) within 2-3 months’ time.
Mr. Raj Agrawal

Engineering Program Manager, InnAccel

Raj is a seasoned Product Engineering & Program Management professional with over 20 years of medical device domain experience in end-to-end Product development, Product life-cycle management, Program management, and Quality & Regulatory affairs.

Raj has experience working with global companies like GE Healthcare and L&T, where he worked on products for Indian and global markets. He currently works as Engineering Program Manager with InnAccel. Raj holds a US patent as co-inventor for a Bone densitometry system and is also a co-inventor for Non-Invasive Cardiac Output (NICO) measurement monitor using impedance plethysmography.

Raj is also a certified Six-Sigma Green belt with a national award-winning project on Quality improvement under his belt.

Raj is an Electronics engineering honours degree holder from MNIT- Jaipur, followed by an Executive MBA from SP Jain Institute of Management, Mumbai and a PMP Certification from PMI-USA.

Topic: Managing Innovation as Projects

When you are entrusted to come-up with a solution for an unmet need, all you know is the Need, and not the Solution when you start such a project. You don’t have any "specifications" for the product or the solution that you have to come up with as project outcome. Such projects call for a very high degree of innovation. And innovation, along with it, brings big uncertainties. This, in turn, poses greater challenges in fitting innovation in a project framework, with "triple constraints" of Schedule, Cost and Quality. Also, whether the solution chosen, is the "right" solution from a business perspective, and would make a success in the market? Such projects, therefore, call for project manager to think little beyond the standard contours of project management. It calls for integrating some smart practices in the overall project management approach. Some of them are - a very rigorous Need validation, greater research both primary and secondary, creating an environment conducive for innovation, encouraging ideas, more frequent touch-points with potential users, assessing potential areas of expertise required early-on and connecting with the potential sources, multi-prong approach for risk areas, and so on. I have been managing such innovation driven projects in the field of medical devices for a Start-up for last few years (out of my total 24 years of experience, 20 years being with L&T and GE kind of companies) and would like to put across these practices along with case studies in my paper.
Mr. Anand Lokhande

Research Scholar, CMR University

Anand brings 23 years of experience in program and project management related to core SAP ERP implementation and upgrades, Organization Transformation, IT Services and Consulting. Anand carries valuable leadership, program delivery and business analysis experience gained from his tenures with Deloitte, HP, Oracle and Mercedes-Benz in various roles. Currently he is Delivery Lead at Shell. Anand has a Master’s Degree in Commerce and also Diploma in Business Administration specialized in Finance. He is a certified PMP professional and Professional in Business Analysis (PMI-PBA). Presently pursuing doctoral research in project management with CMR University, and has presented at several conferences, and won best paper award at the PMI India National Conference 2017. He is passionate about project management and is well recognized PMI India Senior Champion. He also dedicates his spare time to work with underprivileged children studying in government schools in Bengaluru. His motto is ‘Work Hard, Work Smart’.

**Topic: Managing global, nurturing local - Dilemmas of the new age project manager**

Rapid technological advances in the last few decades have rendered several challenges to the art and practice of project management. Added to that, the convergence of different management concepts from various industries, has led to the spawning of newer methodologies. Each vying for its own space, in the world of resource management, both human and material, these methodologies compete with each other to demonstrate new and innovative techniques, through constant evolution. Technology has also undermined distance between nations and cities and brought the service provider and the customer more closer than ever.

Optimum cost-effective measures in every aspect of business, both strategic and operational, are the coded mantras for every organization. Delivering business strategy through projects has attained a different connotation. Creating value for the end user, be it the customer or the stakeholder, is of paramount importance. The responsibilities of the project manager are no longer contained in a charter, but beyond that. Managing resources across geographies, evaluating deliverables and ensuring successful delivery of the project are few of the key success factors for new generation project manager. The findings of the paper will help focus attention of the program and project managers, and senior stakeholders, on dilemmas of the project manager in managing global teams and also the several challenges being faced by the project manager in reaching the end goal of value creation.
Mr. Moin Khan,

AeSI (Aeronautical Society)

Mr. Moin Ahamdulla Khan is B.E (Aeronautical Engg) and pursuing MTech (Design) from BITS Pilani. Worked as Stress Analyst in Aircraft Structural Analysis department in Aircraft Research & Design Centre, HAL for 7 years. Involved in Structural analysis of Wing, Fuselage components of LCA, HTT40 Aircraft.

Worked as Deputy Manager for 3 years in Outsourcing department and involved in Project management and Vendor development activities in Aero Engine Research & Design Centre, HAL. Presently working as Test Engineer of Transmission Assemblies of Helicopters at Rotary Wing Research and Design Center, HAL. He is Vice President - Aero Students Association, MSEC, Rameshwaram, Tamil Nadu He is also Education & Training Group Member, NAFEMS – India He is also Hon. Secretary – Bangalore Branch, Aeronautical Society of India

**Topic:** Catch Them Young Through National Aerolympics
Mr. Rajan R

AACE International

Mr. Rajan R is a Graduate Engineer in Civil Engineering from Government College of Engineering-Tirunelveli (TN), pursuing Post Graduate Diploma in Construction Management (PGDCM) from NICMAR, having 11 years of experience in the commercial, residential, industrial building and Infrastructure segment. Rajan has worked for major contracting companies like CCCL, L&T-Construction before joining Karle Infra.

He was involved in the planning and monitoring of construction projects for GMR, Infosys, ONGC, Indian Air force, Boeing and Asian Paints where he gained experience in project scheduling by coordinating and working closely with international consultants like US Army Corps of Engineers, CH2M Hill and Jacobs. He has been entrusted the task of streamlining project controls in Karle’s residential & commercial projects.

**Topic: Earned Schedule**

Earned schedule is development of Earned value management concepts which was introduced by Walt Lipke in 2003. Earned value management concept is being practised in most of the projects, still there are few limitation in respect to schedule performance metrics as the approach is focusing only cost parameters. As the earned value of a project during its completion (EAC) will be equal to BAC (Budgeted at Completion), schedule performance index (SPI) will be equal to one and schedule variance (SV) will be equal to zero irrespective of delay.

Being a schedule performance measure, SPI & SV are measured based on cost, ideally which are to be measured in terms of time. As per studies, SPI will be an ineffective measure of true progress performance over final 1/3rd of project. To overcome this limitation in EVM, earned schedule concept was developed with basic idea of evaluating schedule performance indices in the units of time. Earned Schedule is defined as the amount of time originally planned to reach the earned value of present date. So the earned schedule is the difference between date on which the earned value supposed to achieved to it baseline start date.
Mr. Karn Malhotra,

Outlined

Mr. Malhotra, having plunged into the entrepreneurial world with Exit Design at the age of 22, over the years his organization has delivered value in industries ranging from Automotive (3M, Triton Valves) to Retail (Decathlon) to Education (Oxford University, MYRA School of Business) and even Pharma (Eurofins, MCo Hospital Aids). From large corporates to family owned SME's, his 'love' for design and the difference it makes in business is what he believes has delivered maximum value for his clients.

He has shared his ideas at TEDx, on the cover of the India Today magazine and as a finalist for the British Council Young Creative Entrepreneur Awards. He is also the founder of 'Outlined', an online framework for anyone to do graphic design on their own. Today, he is driven by the idea of 'borderless' communication - where language is no barrier for free expression.

**Topic: Brand Automation Tool**

Outlined is a Brand Automation Tool that helps accelerate go-to-market for marketers, HR and project managers. It does this by removing dependency on complex software or design agencies to create, edit and deploy marketing collateral. You push your brand or campaign templates onto Outlined and go from an idea to a .pdf, .jpg, .png or .html output file in minutes. Our proprietary 'Auto Resize' feature cuts time needed for adaptations of designs (Ex: A3 poster to FB cover to Standee to emailer etc.) from 10mins per file to less than 30 secs.

Use the 'Sharing' feature to include teams across geographies & the 'Commenting' feature to track feedback right on the design. 'Analytics' show you how Outlined is 8x faster, 5x more cost effective and increases productive by 3x compared to existing methods. All this while helping you achieve your objective and making life just a little happier!
Mr. Tarun Abhichandani

Collective Mind of N

Tarun Abhichandani, Co-Founder of mind of N, is a specialist in decoding employee behaviour. mind of N (http://www.mindofn.in) designs and implements offline and digital games for identifying implicit biases among individuals to make them better decision-makers and problem-solvers. The customized games are designed to be engaging and measurable as well as benefit the organizations’ goals based on its values. Tarun holds a Ph.D. from Claremont Graduate University, USA and has more than 20 publications to his credit in refereed conference proceedings, journal articles and other recognized publications.

Topic: Self Aware Leaders Imperative for Effective Project Management

Obtaining specific skills, recommended within the PMI Talent Triangle, is imperative for successful project management. Much of these skills are objective in nature since the expectations are fairly measurable. Application of the recommended skills with assured success requires a much more nuanced understanding of the most complex variable – the people. Obtaining such an understanding is difficult since people are guided by habits making them appear “irrational” and biased. These behaviours are guided by an individual’s cognitive biases and should be addressed with a lens of self-awareness and appropriate usage rather than with one of curing them.
Mr. Sesharaj G

Sthira IT Solutions Pvt Ltd.

Sesharaj G is an Expert in Enterprise Information Technology Strategies with Solution Architecture and its Service Delivery. He is a specialist whose qualifications include a diploma in computer science; and has in depth knowledge of various technologies with more than Twenty (Since 1992) years of experience in the IT Infrastructure, Software Application Solution, Design and effective deployment for diverse companies and business needs. He is a good Orator. He is Founder, Director of Sthira IT Solutions Pvt Ltd, A start-up; since 2011.

**Topic: An Integrated Application of Fund Based Accounting System**

A fund based Accounting solution may be termed as a method of accounting which enables the Institution / Organization to track the expenses, commitment (Encumbrance/ Reserve/Obligation) and the balance against a specific grant/fund. The method of accounting not only enables to allocate the grant but also facilitate the double entry method or accrual method of accounting to derive various financial reports (Income & Expenditure, Balance Sheet, Schedules etc.). The SFACTS is a seamless comprehensive software solution in the eGovernance space which is designed to meet the restricted and unrestricted grant accounting requirements. Our application can effectively manage the Research Grant processes; Plan & Non-Plan fund management with GFR compliances.
Dr. Phani Kumar Pullela

CMRIT

Dr. Phani Kumar Pullela did Ph.D. from university of Mysore and postdoctoral research from Marquette University, USA. He then worked for 7 years at biomedical industry and is recipient of 2017 Biotech Product, Process development & commercialization award. From past four years Dr. Pullela is working as Professor at CMRIT and heads the Societal Innovation group. Some of his group’s projects which received national attention are solution for purifying polluted lakes saving 90% of domestic usage water. He dreams to create next million jobs through geographical Indication filings.

**Topic: Instant Purification of Sewage Water Using Safe Patented Formulation**

A low cost chemical based treatment solution for sewage and polluted water bodies that not only provides good reliability, but is also revenue generating from its by-products.
Dr. Srinivasan Ramanathan works at SAP Labs India Pvt Ltd and has 13 years of professional experience in Research & Development, Predictive Analytics, Computational Modelling & Simulation, and Optimization. Srinivasan is well-versed with different industries like Automobile, Oil & Gas, Food & Beverage, Manufacturing, Steel, Paper, & Chemical Industries. Dr. Srinivasan Ramanathan holds a Ph.D. in Chemical Engineering from IIT Madras and has strong research expertise in Data Analytics, Mathematical & Statistical methods, Machine Learning techniques, and Algorithm Development. He has published several journals, patent and presented in various national & international conferences.

**Topic:** Project Management Astrology - Predict with Passion
Mr. Suresh T
Independent Consultant

Mr. T. Suresh has over three decades of experience with industries in Aeronautics, Aerospace, Automotive and Information Technology. He is a management consultant offering training services enriching 300+ project managers every year on Requirements Engineering and Risk Management and consulting to small Software and IT companies in business improvement initiatives. At PMI Bangalore Chapter he is part of the BA Volunteers Group, conducted PM Enrich workshop on Requirements Engineering and managed, ‘Vidyadeepa’ that provided solar powered LED lamps to 1000s of Government school students in Karnataka. He is a Mechanical Engineering Graduate from REC (now NIT), Trichy.

**Topic:** Requirements Patterns_Reusable requirements

Implicit (hidden / abstract / one-line / user story) requirements is the root cause of many a project failures in terms of ‘eliciting’ requirements and implementing them. Unlike the manufacturing or hardware segment where hundreds of requirements are documented in the form of ‘drawings’ or ‘instructions’ (working instructions, procedures, processes), Software / IT is yet to master this practice as a ‘habit’. Requirements pattern is an innovative practical approach that Stephan With all introduced to specifying requirements. Presenting a set of frequently used ‘requirement patterns’ that project teams can make use of and derive benefits in terms of a. Cutting down the effort to elicit requirements b. Not to miss out requirements in detail.
Mr. Umamaheshwara

ABB Ability Innovation Centre

Umamaheshwara holds a Bachelor of Engineering (Electricals & Electronics) from Kuvempu University and Master of Business Administration in System from MKU along with certification of “comprehensive Project Management” from IISc Bangalore. He has 22 years of experience in the field of Project & People Management in Industrial Automation and Software product development Industry.

Currently he is working in ABB Ability Center of Corporate Development Center as a Group Manager to handle the core team of embedded software and application function library development teams, responsible for new product development projects and people management. Handled key and complex product development and transfer projects/programs globally in Distribution Automation and Robotics areas. Honored with best project management team diamond award within the organization. His passion is to coach and mentor the project managers along with innovative ideas to improve the effectiveness of the project management.

**Topic: Risk Visualization by Digitalizing the Risk Updates**

Risk Management is one of the most important part of the project management and PM’s are practicing it. However, we have seen always the feedback is to do risk management effectively so the predictability improves. 3 years back in ABB, during the ISO audit the observation was to have effective risk management in the Projects and the management also raised concerns about it. Today, in our ISO audit, Risk management is one of the best practices in ABB project/program management. This has been achieved due to continuous activities by the organization to improve the risk management and one of the activities is “Risk Visualization”.

POSTER PRESENTATION
Ms. Vijayalakshmi K

Sonata Software

Vijayalakshmi K, having 12+ years of Dynamics AX experience with proven record of successful ERP implementations. She has been responsible for delivery of projects both onsite and offshore models for various customers across multiple geographies. She has hands-on experience architecting solutions for the diverse business needs. She is responsible for managing the scope, schedule, costs and quality of the project. She managed the risks and is renowned for stakeholder management including difficult negotiations and escalation management. She has been effective in customer interaction in developing processes and programs for the project needs. She has in-depth experience in implementation of ERP for retail industry.

**Topic:** Effective Program and Project Management in Implementing Dynamics AX ERP for Leading Retail Athleisure Brand

Client faced multiple challenges with existing technology platform including Non-scalable ERP, not supporting multiple Geos and multiple legal entities, challenges in managing multi-lingual, B2B operations.

**Solution:** Implementation of End to End ERP solution using MS Dynamics AX 2012 R3 Integration with Hybris for B2C operations and other integrations including 3PL, EDI, Bank : overall wiy around 15 legacy systems. Integration with payment gateways for MPOS Big Bang rollout for 300+POS machines across 7 countries (AUS, US, NZ, China, Hong Kong, Singapore and Netherlands) Implementation of internal IP (Brick n Click) for B2B operations Focussed Program management with dedicated Project management for each individual project forming part of the overall solution.
Mr. Mosesraj R

Brillio Technologies

Moses is the CIO and head of excellence at Brillio. He led the cloud transformation of the enterprise. Over his 20 years of career, he has led multiple change management initiatives to drive better delivery to customers. His interests are storytelling, imagining products that break barriers and motivating people by helping them see life as a whole. Moses won India Top 25 CIO awards in 2016 in ICMG Architecture event and has been invited to many organizations / events to share his views. Moses has 20+ years of Work Experience and is a B.E (Mechanical) from Government College of Engineering, Salem and M.S (Software Systems) from BITS, Pilani.

**Topic:** How to Bring CX as Single Point Goal across the Organization

Brillio is a digital transformation company with Customer Experience being the single point goal across the organization. In the PM Poster, how this goal is coming to life will be depicted below CODEX, our customer journey mapper, forms the fulcrum. This engine brings together customer engagement and governance on one common platform. Pulse of customer experience as and when it happens is recorded. Intelligent aggregation platform – BOLT – Brillio Orchestration of leading tools, which crawls and integrates all our engineering systems and brings the forecasted health of delivery. This correlated with CODEX journey updates, gives our teams across hierarchies to gauge the customer experience at any point in time. Coaching for Project Managers to drive Customer Experience – at plan level, at every customer touch point Brillio One – the core differentiation framework measuring Digital Index Measurements & promotions with Customer pulse/direct customer feedback Customer Experience forum chaired by CEO.
Mr. Adithya Badidey

Koulige Foods

Adithya B (Adithya Badidey) is the co-founder and the creative & marketing mind at Kaulige Foods. A perfectionist at heart, he makes sure that no stone is left unturned in delivering the best customer experience with all of Kaulige Food's offerings. Before starting Kaulige Foods, Adithya co-founded a company developing solutions for early-childhood education and has more than 5 years of experience in the software industry as an Android Developer. Adithya holds a B.Tech in Computer Science and is an avid cyclist and self-taught artist. He spends his spare time drawing and painting in Bangalore's many parks and monuments.

**Topic:** Happier & Healthier at Work and Life through Millet Food

At Kaulige Foods, healthy and sustainable Food is our passion. The food we serve is cooked with love and care. Our dishes are prepared using traditional recipes which have been perfected by our forefathers over hundreds of years. Our aim is to make people healthier & more productive by serving nutritious food at offices and workspaces.

Here are some reasons to eat Millets everyday:

1) Millets improve immunity and wellness
2) Eat Millets to fight diabetes
3) Millets aid in digestion and stomach problems
4) Millets help in losing weight
5) Say goodbye to evening hunger pangs with millets
6) Eat Millets to support farmers and the environment
Mr. Raja Kumar Sharma R S
Independent Consultant

Mr. RK Sharma has over seventeen years of experience in IT industry (Software Product Management and Product Delivery of enterprise level solutions) and before that ten years of experience in Manufacturing. He is part of the BA Volunteer’s group at the Chapter which is steering the design, develop and deliver industry relevant courses for industry practitioners. Currently he is a Product Manager based at Bangalore with a US headquartered organization - a global leader in the space of Enterprise Software Solutions, specifically in CRM, ERP, SCM solutions. He is a graduate in Science, a Post Graduate in Management from Sikkim Manipal University, a CSPO from Scrum Alliance and a PMP from PMI

Topic: PM - BA Collaboration for Project Success

While requirements / idea form the basis for project initiation, ‘Trust and Collaboration’ within the team ensures successful Project Completion. Collaboration between Business Analyst (BA) and Project Manager (PM), plays a critical role, as these two roles manage requirement. There are many perceived overlap between these two roles and lack of clarify there of leads to misunderstanding, conflict thus leading to lack of trust and hence project failure. Bringing clarity on these two critical roles helps in better collaboration. Both the functions, then help in creating successful teams, better understanding of the needs and robust solution that not only ensures customer’s needs, but also ensures in creating a strong team that can take up any future projects. Improving Collaboration for Improving Project success lists out
• Importance of PM and BA role for Project Success
• Overlapping responsibilities
• Collaboration points
• Definition of these roles with respect to requirements and project
Mr. Nitin Kotwal

Hack 2 Secure

Nitin, CEO@Hack2Secure, is a dedicated Certified Information Security Professional, Consultant, Architect, Trainer and Author with multiple years of exposure across InfoSec Domains. His high-level proficiency across Secure SDLC phases viz building awareness, design and analysis of possible Threats, Assessments and Risk Management skills ensures delivery of effective strategies, focussed solutions and responsible work towards process improvement in an organization.

**Topic:** Secure SDLC - Moving from “bolt-on” to “build-in” Security Controls

Secure Software Development Life Cycle or Secure SDLC is a systematic and structured concept to integrate Security at every phase of SDLC. This Risk oriented model ensures security in a product is “build-in”, instead of bolting it at end of the cycle. Adopting Secure SDLC ensures, Facilitation of comprehensive Risk management, by building awareness of Potential Engineering Challenges. It not only ensures secure product development, but also helps in addressing security requirements needed for compliance and standard assurance at reduced cost.
Mr. Vittal Vijaykumar

HCL Technologies

Vijay is Delivery Unit Head, Financial Services at HCL Technologies with 20+ years of experience in IT Industry, is an Engineering graduate (E&C) from Bangalore University (1996), Holds Post Graduate Diploma in Business Administration in Finance from Symbiosis Pune (2005), is a certified PMP. He has strong experience in areas of IT services business – Presales, P&L management, Client management, People management, Technology, Workforce planning, Global delivery and Operations management. Being a subject matter expert in program and project management is a mentor for delivery managers across IT industry. Adept at managing large and cross-functional teams and building capabilities to deliver optimum results. Demonstrated skills in leading Transformational, Operational, Change and Technology projects.

**Topic: Why is WHY Important?**

In most project situations and in personal life we spend most of our energy on WHAT (Scope) need to be done and once we know WHAT, we put our entire focus on HOW (PLAN) we need to do what we decided to do. Rarely Organisations, Projects and Individuals spend time on defining/discovering WHY we need to do what we want to do. My Poster talk is based on the concept of GOLDEN CIRCLE of Simon Sinek. I will share my own experiences where, By Defining the WHY at the project level we have seen increased Customer Satisfaction, Improved Productivity, Reduced Labour Turnover and as a by-product of the above three has helped us in winning new business. I will also share By Discovering WHY at a personal level how I have been able to overcome my Fears and obstacles that appear on a daily basis at Physical and Mental level. This has increased by effectiveness and efficiency of my work Key take away of the session will be to inspire participants to Define/Discover their own WHY which will help them as Managers in achieving their goals.
Ms. Mrinal Shah

Life of Sciences

Mrinal Shah is a Ph.D. in Microbiology from the National University of Singapore. She has recently joined 'thelifeofscience.com' as the coordinator. The Life of Science (tlos) is a science media platform journaling biographies of women scientists in India. The purpose of the project is to catalogue the lives and achievements of women scientists of India and investigate the reasons behind their apparent ‘invisibility’ from the public sphere of imagination. Over the course of two years, we have visited over 100 women scientists across 16 states in India. The reports have appeared on TheLifeofScience.com and syndicated on TheWire.in, FirstPost.com and The Hindu.

**Topic:** Where is the 'She' in Science? Take on How to Tackle the Gender Imbalance in Indian Science

That science has a gender representation problem is very clear from the numbers, and more so from male-dominated narratives. A recent report from UNESCO Institute for Statistics (UIS) states that only 28.8 percent of the total researchers are female, globally. These numbers are much starker for India (UIS, 2018). In India, only 13 percent of faculty members in research institutes are women. This percentage drops as we look further up the hierarchy. Only one of the four major government funding agencies in India, which fund basic research in various areas, i.e. Department of Science and Technology, Department of Biotechnology, Department of Earth Sciences and Council for Scientific and Industrial Research has had a woman secretary only once so far.

The All Indian Institute of Medical Sciences (AIIMS) and Indian Council for Medical Research (ICMR) have had only one woman director each despite a large number of women in medicine. A recent survey by UNESCO surprisingly shows that a number of women enrolled in tertiary education in India is almost equal to that of males. Where are the women lost then as we progress higher up in education? Famously called as the 'leaky pipeline effect', describes the gap between the number of women enrolling in sciences whereas the ones who make it to the top (Blickenstaff, 2005). ‘Women in science’ groups and initiatives around the world are trying to foster dialogue to understand the reasons behind this ‘leak’ and to bridge this gap. Male dominated hiring committees, bias during interviewing and skewed family-caring responsibilities are thought to be the major reasons behind this gap. However, even though this is a global problem, it is clear that what works in one scenario need not in another.

The social, cultural, historical and political context in India demands a more nuanced handling of the gender gap. This can only happen if the voices of women scientists practising research in India them are heard and their experiences took note of.
Mr. Karakavasala Goutham

CHRIST University


**Topic: Block Chain Technology in Supply Chain Management**

Block chain is an extremely promising technology in our endless search for ways to increase computing power, speed and security by eliminating middle man & including both security and speed are automatically increased on using block chain technology. In this 4th Industrial revolution the need for block chain is a growing trend and presently the implementation of Block Chain Technology is not even 2% comparatively to other technologies. The success of rate of Block Chain can be visualized in Digital currency. Do the same success can be seen in executing a project?
Mr. Manoj Kumar Lal

Independent Author

Manoj Kumar Lal (Author of a book on Software Engineering) has worked predominantly in the Insurance domain for 18 years and rest of my experience being in Credit Card, Gas Transport, Steel manufacturing and Educational assessment domains. Manoj has worked in projects of digital transformation, platform rationalisation, Migration, Portal, Development and Support. It includes Greenfield development where the entire IT organisation was set up. He possess deep understanding of the project delivery intricacies from practitioner perspective has performed the roles (Business Architect / Analyst / Consultant / Insurance Domain Specialist/ Solution Architect / Business System Analyst / System Analyst / Test Consultant ) in both Waterfall and Agile delivery environments.

Topic: Digital Knowledge Management in Project Delivery

The majority of IT projects necessitate the incorporation of domain knowledge into working software. This knowledge needs to be consistently managed across the project’s activities and outputs. This book assesses how two well-known software development methodologies – Waterfall and Agile – attempt to meet this challenge. Both approaches exhibit a number of strengths, but also some weaknesses. An alternative model, the Project Knowledge Model (PKM), is put forward. The model scopes the knowledge relevant to the project into a specified number of data points assisting in its digitisation. It establishes a connection between enterprise knowledge and project knowledge for continuous improvement and accelerated project delivery. It can assist existing methodologies in managing knowledge better and has been further developed into a new methodology: Knowledge Driven Development (KDD). Case studies and examples are interspersed throughout the text for better understanding. Taking these concepts further, a Generic Knowledge Management Frameworks (GKMF) is also described which has the potential to manage generic knowledge and assist in skill development.
Hindustan Aeronautics Limited (HAL) is a premier aeronautical complex of South East Asia, with 19 production divisions and 10 R&D centres. HAL's expertise encompasses design, production, repair, overhaul and upgrade of Aircraft, Helicopters, Aero-engines, Accessories, Avionics and Systems. HAL today provides one stop solution for all the design needs of aircraft & helicopters in airframes, airframe systems, avionics, mission & combat systems using advanced design tools. The 20 production divisions of HAL are equipped with modern infrastructure for production of fighter aircraft, trainer aircraft, transport aircraft and helicopters. The current workforce is around 31,000 with over 50% having more than a decade of aircraft industry experience. It has also diversified into manufacture and repair/overhaul of Industrial & Marine Gas Turbine engines and manufacture of structures for aerospace vehicles.

HAL has so far Designed and Developed 15 types of Aircraft / Helicopters including Advanced Light Helicopter (ALH), Light Combat Helicopter (LCH) and the Intermediate Jet Trainer (IJT). HAL has played the prime role in the design and development of Light Combat Aircraft (LCA). The indigenous Design and Development activities on Light Utility Helicopter (LUH) and HTT-40 are progressing presently. Future acquisitions envisaged by the Indian Defence Forces like the Medium Multi-role Combat Aircraft (MMRCA), Fifth Generation Fighter Aircraft (FGFA), Multi-role Transport Aircraft, etc. would enhance the level of contribution of HAL towards self-reliance in defence field. In addition to design and development of aircraft, HAL has also developed expertise in aircraft upgrades.

HAL has entered into the global market with a diverse portfolio of products & services. Carrying on the commitment to the Indian Defence Forces, HAL’s assembly lines are currently producing SU-30MKI, Hawk, Light Combat Aircraft, Intermediate Jet Trainer, ALH, DO-228 and Cheetah / Chetak helicopters. Dhruv, Cheetah, Chetak, LCH, and Do-228 aircraft have the export potential as well.
SOLAS established in 1999, with the Philosophy of "Best Systems, Technology & Quality", over a period it has grown in its Endeavour and today it is one of the leading companies in India, providing Fire Protection, Security System & BMS Solutions. SOLAS having Head Office at Bangalore and Branches in all Major Metro/Cities. SOLAS started with two engineers to hundreds of employees over a two decade, it has put great emphasis on growing & developing its team in their specialized fields with strong belief that the company's growth depends on its employees as well as being flexible, responsive and adoptive to the changing economic and global conditions. SOLAS has consistently maintained "Quality comes first & Safety as its priority".

SOLAS commits itself to deliver better quality products, responsive quick after sale service and technical support to maintain the highest level of customer satisfaction in every aspect round the clock. Solas is known for its Reliability, Expertise, Track record and Holistic approach. Solas expertise in offering turnkey Fire Protection, Security Systems & BMS Solution complying to Indian codes & standards, also it has Global networking which can provide sequence components from reputed Foreign Agencies with International Approvals & Specifications to meet global standards.

SOLAS today is striding to 20 Years and growing further more grander with all support from Customer, Architect, Consultant & PMC
PMI Bangalore India Chapter is India’s largest PMI Chapter and second largest in Asia Pacific. Started in 1998, the Chapter operates with a mission “to serve Project Management Community by dynamic advocacy of standards and practices to advance professional development”.

In pursuit of the mission, the Chapter offers Profession Development and Advocacy services for individuals and corporates.

In addition, the Chapter provides opportunities for Personal Advancement through volunteering & CSR activities.

The Chapter is also popular for its professionally run Project Management Conferences.

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