AIMA

ALL INDIA MANAGEMENT ASSOCIATION

AIMA's 2nd AI & Big Data Retreat
AI in an Enterprise: Automating Business
14 – 16 February, 2020, Goa

Retreat Agenda
(As on 24th January, 2020)

Day 1 – Friday, February 14, 2020

1630 – 1700 hrs   *Registration with Welcome Tea/Coffee*

1700 – 1830 hrs
Opening Session   **AI in an Enterprise: Automating Business**

Digitization's relentless growth is generating an immense volume of data that is humanly difficult to interpret or use quickly and adequately. The advent of 5G will only make this challenge greater, as data flows will multiply. To take advantage of business intelligence offered by data, enterprises need to automate analytics and decisions considerably. AI can not only automate machines but also cognitive functions. AI is set to make a transformative impact on computing, commerce, transportation, infrastructure, healthcare, governance, security and just about every part of the economy. AI will enable a new level of partnership between humans and machines and foster greater productivity and innovation. However, enterprises have to be careful in buying AI solutions to avoid waste and outright duping.

- *How can AI help enterprises achieve greater efficiency in operations?*
- *How can AI accelerate product and business model innovation?*
- *How should enterprises select or develop the appropriate AI solutions?*

Welcome   **Rekha Sethi**
        Director General
        All India Management Association

Opening Keynote   **TV Mohandas Pai**
        Retreat Chairman &
        Chairman, Manipal Global Education Services

        Interaction with Audience

1830 – 1945 hrs
Session 2   **Today and Tomorrow – Role of AI in the next 5 years**

The growing digital connectivity and the explosion of data have finally taken AI from the realm of science fiction to everyday reality. The 5G technology is set to increase data generation exponentially by expanding and accelerating data flows exponentially. With a surfeit of data, the next 5 years would see a rapid proliferation of AI across all economic, social and political activities. AI would have a big influence on what each person knows, thinks, consumes, wants or

shares. Both the supply and the demand side will come to depend on AI and AI will also drive the future innovations in products, processes and business models. AI could be most transformative technology of the digital age.

- *How will 5G drive AI development and application over the next 5 years?*
- *How will economy, politics and society change because of AI?*
- *Who would be the big winners and losers in an AI-driven world?*

Speaker   **Umakant Soni**
Program Director &
Co-founder, AI foundry and Advisor & Founding Partner, pi Ventures

Interaction with Audience

1945 hrs onwards   Networking over Cocktails & Dinner

Day 2 – Saturday, February 15, 2020

0930 – 1045 hrs
Session 3   **Role of Data in AI**

AI has been in and out of fashion many times but this time it is different. For the first time, there is enough data for algorithms to work with and achieve a semblance of human intelligence. Data availability and quality of data will play a critical role in enabling AI to raise human performance and problem solving ability. AI is set to drive the next economic revolution. However, data collection and exploitation requires social approval and regulatory support and a balance has to be reached between individual sovereignty and the need of AI solutions to tap data on everything and everyone. AI can deliver convenience and innovation but it must feed on data unhindered.

- *How is the increased availability of data driving AI's development?*
- *How can the government assure data supply for AI solutions?*
- *How much and what kind of data is essential for creating AI solutions for everyday challenges of producers and consumers?*

Speaker   **Pulak Ghosh**
IIMB Chair of Excellence &
Professor, Decision Sciences & Center of Public Policy
Indian Institute of Management, Bangalore

Interaction with Audience

1045 – 1115 hrs   Networking Tea/Coffee

1115 – 1230 hrs	
Session 4	**India's AI Strategy**

NITI Aayog has been entrusted with the task of creating a national programme on AI and help India catch up with and leapfrog the first movers in AI technologies. The commission has come up with an 'AI for All' strategy based on having anonymized data on everything and everyone and broad-based expertise in AI application and research. The commission wants the government to focus on healthcare, agriculture, education, infrastructure and mobility to apply AI technologies in order to achieve the overarching goals of 'AI for all'.

- *Which country is India's role model in AI development and application?*
- *How can India use AI for public good without creating a surveillance state or economy?*
- *What impact would the 5G technology have on AI adoption in India?*

Speaker	**Arnab Kumar**
	Program Director
	NITI Aayog

Interaction with Audience

1230 – 1345 hrs	
Session 5	**Use of AI in Retail – Designing Customer Experience**

Tech-empowered consumers seek a complete buying experience, whether they shop in physical stores or online stores. They expect individual and comparative information about each merchandise and they want to experience the product before they pay. They want stores to remain engaged with them even after the sale and they like to endorse or decry stores as well as the merchandise. In the process, consumers leave important personal data on the table that allows stores to target customers individually. AI has become essential to compete and grow in the retail sector.

- *Which AI technologies are relevant to the retail sector?*
- *How can AI help retailers create a more engaging experiences for shoppers?*
- *What kind of innovations can be achieved in retail by deploying AI?*

Speaker	**Devendra Chawla**
	CEO and Managing Director
	Spencer's Retail Limited

Interaction with Audience

1345 – 1445 hrs	Lunch

1445 – 1600 hrs	
Session 6	**Case Study Session**
	Case Study 1: Autonomous Cars with computer vision

Senses too have been mechanized and, equipped with surround sight, AI can drive cars in a controlled environment. However, it takes more than just cameras for autonomous cars to see. It takes radars, lidars, GPU and GPS to detect, identify, classify and localize what cameras show and make the car face in the right direction. However, computer vision technology still has to solve some real world challenges before autonomous cars can be mass produced.

- *How has computer vision technology evolved to enable cars to be autonomous?*
- *How far is computer vision technology from making autonomous cars fit for the actual, chaotic world?*
- *What are the next frontiers of computer vision technology?*

Speaker	**Arjun Jain** Co-founder, Axogyan AI Consult Pvt. Ltd AI Foundry

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Case Study 2: AI-driven credit scoring for banking: The new normal

Customer creditworthiness is the bedrock of banking and AI is making it easy for banks to cast the net wider. The logging and sharing of data on customers' financial life is allowing lenders to feel secure and extend credit without having to judge each borrower. The transparency of credit score and its power to influence life is making customers more honest. Credit scores are also benefitting customers who like to spend their future incomes now, as it speeds up loan decisions.

- *How is AI changing banking?*
- *What role are credit scores playing in the economy and society?*
- *How can credit scores be used by government and companies?*

Speaker	**Rohit Rathi** Co-founder Karmalife

Interaction with Audience

1600 – 1630 hrs	Networking Tea/Coffee

1630 – 1745 hrs **Session 7**	**AI in Logistics**

AI is a boon for the logistics industry, which tends to be chaotic because of too many factors interfering with its efficiency. By crunching supply chain data, AI can optimize production, inventory and movement of goods. It can also forecast transport conditions based on historical data of weather, vehicles, roads and ports and optimize scheduling, routes and modes. AI also makes sorting, storage and dispatch faster, cheaper and better.

- *How is AI helping logistics industry become more efficient?*
- *At what scale would AI become more competitive than human labour in India?*
- *What kind of government interventions are required to automate logistics?*

Speaker	**Gaurav Aggrawal** Research Scientist**,** Google Research & Former Head of Data Science & AI - Ola

Interaction with Audience

2000 hrs	Dinner

Day 3 – Sunday, February 16, 2020

0900 – 1015 hrs **Session 8**	**Case Study Session**
	Case Study 3: AI & Genomics

AI is transforming healthcare. Machine learning has provided doctors and researchers the capability to obtain and interpret vast medical data and suggest treatment options. It has allowed genome sequencing to predict future health and formulate custom therapies for each patient. It has also enabled gene editing to fix genetic issues before they cause trouble. AI's ability to aid genomics science extends to agriculture and it can help improve output and predict crop quality and quantity. The ability to study and alter genes quickly and cheaply will be critical to ensure a healthy and well-fed humanity.

- *What difference has AI made to the genomics?*
- *How can AI for genomics be made more accessible and affordable?*
- *How is AI enabling precision healthcare and agriculture?*

Speaker **Vijay Chandru**
Co-Founder
Strand Life Sciences

Case Study 4: Technology and AI leverage to scale Big Billion Days

Speaker **Utkarsh B**
Technology Advisor to CEO & Distinguished Architect,
Flipkart

Interaction with Audience

1015 – 1130 hrs
Session 9 **Jaspreet Bindra***

Thought Leader and Founder, Digital Matters

1130 – 1200 hrs **summing up & Key Takeaways**

Umakant Soni
Program Director &
Co-founder, AI foundry and Advisor & Founding Partner, pi Ventures

Distribution of Participation Certificates

1200 hrs Retreat Concludes with Lunch