



**Build for India**

*Strengthening Talent, R&D & Innovation Ecosystem*

**1<sup>st</sup> September, 2020**

**1000 hrs. – 1200 hrs.**

**Deep Tech Workshop 1**

**Recent Advancements in AI Computing techniques**

- *Latest advances in Accelerated computing technology for solving complex AI models.*
- *How to optimally size up your infrastructure for Training, Inferencing and Data sciences*
- *Libraries and SDKs that can accelerate your Deep Learning development cycles and Data Sciences Pipelines.*

Speaker: **Sundara Ramalingam Nagalingam**, Global Director – AI Consulting Partners, **NVIDIA**

**1210 hrs. – 1310 hrs.**

**Deep Tech Workshop 2**

**Document AI – Solving the Enterprise’s unstructured data problem using advanced NLP techniques**

Speaker: **Deepak Kumar Bagchi**, **Coforge**

<p><b>1500 hrs. – 1530 hrs.</b></p>	<p><b>Session I: Guest Powernote</b></p> <p><b>Accelerating AI in India needs the R&amp;D foundation</b>  <i>According to a recent report released by NASSCOM jointly with McKinsey, Data and AI has the potential to add around \$450-\$500 bn to India’s GDP by 2025 and research &amp; innovation are the backbone for building effective AI solutions, which can contribute towards transforming sectors critical for an inclusive growth. Countries like US, China, Israel are making significant investments in AI research and enabling new use cases</i></p> <ul style="list-style-type: none"> <li>- <i>The AI R&amp;D imperative of India – where are we, what is the vision of the country, how are the academic institutes contributing to this vision, how can we drive greater collaboration between government, academia and industry</i></li> <li>- <i>Driving projects of national importance and why AI solutions can play a key role in strategic projects like Jal Shakti Mission, Waste to Water etc.</i></li> <li>- <i>What is holding us back? Key Challenges and how do we overcome them?</i></li> <li>- <i>Can India take the lead in new technologies like 5G and Quantum by scaling R&amp;D in these technologies?</i></li> <li>- <i>Your biggest ask or mandate to industry?</i></li> </ul> <p><b>Speaker: Professor K. Vijay Raghavan, Principal Scientific Adviser to the Government of India</b></p>
<p><b>1530 hrs. – 1610 hrs.</b></p>	<p><b>Session II: Virtual Forum: #AI4Innovation</b></p> <p><b>The Cutting edge of AI</b>  <i>Hear from some of India’s’ leading Data AI experts on their Perspectives on what are the developments in the cutting edge of AI and what are segments where India must invest and innovate; &amp; how can strengthening the research ecosystem for survival, revival and growth</i></p> <p><b>Ecosystem Intelligence and Products of the Next Decade</b></p> <p><b>Speaker: Dr. Shailesh Kumar, Chief Data Scientist, COE AI/ML, Reliance Jio</b></p> <p><b>Blurring the cyber-physical divide to push the frontiers of innovation</b>  <i>As our worlds become increasingly digitized, we seem to be seamlessly switching between the virtual and the physical worlds – in how we work, live and play. Hear from Dr. Rohini Srivathsa on innovations within the blurring cyber-physical divide, and how they can transform industries and society.</i></p> <p><b>Dr. Rohini Srivathsa, National Technology Officer, Microsoft India</b></p> <p><b>Reshaping Lives and Livelihood with AI: A Practitioner’s viewpoint</b></p> <ul style="list-style-type: none"> <li>• <i>Developments in AI: Most of the AI technologies are currently in the initial stages of innovation but they have been Hyped so much in the market and excitement and expectations from them are at its peak now. What are the new developments in this space that make AI so exciting?</i></li> <li>• <i>The India context and relevance: Some examples of cutting-edge technologies which have been piloted in India and have the potential to scale to</i></li> </ul>

	<p><i>address the complex Indian context in terms availability of immense data, multi lingual challenges and last mile connectivity issues</i></p> <ul style="list-style-type: none"> <li>• <i>Capabilities to be built to exploit AI at scale: What will speed up AI's mainstreaming and adoption? How should India address the issue of scale and complexity? How are skills built in this area?</i></li> </ul> <p><b>PR Krishnan</b>, Executive Vice President &amp; Global Head, Enterprise Intelligence Automation &amp; Artificial Intelligence (EIA &amp; AI), <b>TCS</b></p>
<b>1610 hrs. – 1612 hrs.</b>	<p><b>Virtual Show &amp; Tell: #AIFromIndia</b>  <i>Hear interesting Start-up pitches with their AI solutions build from India</i></p>
<b>1612 hrs. – 1635 hrs.</b>	<p><b>Session III: Guest Keynote: #AIresearch4India</b></p> <p><b>AI and Cybersecurity</b>  <i>The issue of cybersecurity has become even more critical as the world has moved even more online and in disaggregated workplaces. Artificial intelligence (AI) and machine learning (ML) are playing an increasing role in cybersecurity, with security tools analysing data from millions of cyber incidents, and using it to identify potential threats.</i></p> <ul style="list-style-type: none"> <li>• <i>AI and Cybersecurity – what are the big technology shifts that researchers should focus on. Illustrate with examples of such tools, techniques</i></li> <li>• <i>The India Imperative – how to ensure security of critical data and network infrastructure leveraging AI and ML. Use cases of research being undertaken at IIT or other places</i></li> <li>• <i>As India prepares to roll out its 5G infrastructure, what are the key opportunities and risks and where can AI researchers play a role?</i></li> <li>• <i>How can industry-academia better collaborate for AI research in this segment?</i></li> </ul> <p><b>Speaker: Kamakoti V</b>, Professor, <b>IIT Madras</b></p>
<b>1735 hrs. – 1638 hrs.</b>	<p><b>Virtual Show &amp; Tell: #AIFromIndia</b>  <i>Hear interesting Start-up pitches with their AI solutions built from India</i></p>
<b>1638 hrs. – 1719 hrs.</b>	<p><b>Session IV: Virtual Forum: #AI4India</b></p> <p><b>Building AI Talent at scale: A collaborative outlook!</b></p> <p><b>Speakers: Indrani Choudhury</b>, Chief Learning Officer, <b>Microsoft India</b>  <b>Arjun Mohan</b>, CEO, <b>UpGrad</b>  <b>Ramanathan Ramanan</b>, Mission Director, <b>ATAL innovation</b>  <b>Navin Mittal</b>, Commissioner, College Education and Technical Education, <b>Govt of Telangana</b></p>

**Moderator: Amit Aggarwal, CEO, NASSCOM SSC**

**1720 hrs. – 1740 hrs.** **Session V: Fire-Side Chat**

**Building a DeepTech ecosystem & India imperative!**

*India's DeepTech Startup-up Ecosystem is nascent, though we are witnessing some interesting start-ups in the area of AI, IoT, Cybersecurity etc. Hear Rajan Anandan, India's most prolific angel, VC, start-up evangelist share his candid insights on what his needed to build a vibrant deep-tech ecosystem in the country.*

**Speaker: Rajan Anandan, MD, Sequoia Capital**

**Host: Debjani Ghosh, President, NASSCOM**

**Scaling AI Adoption for India**  
*National AI framework, Sectorial scale & showcase the adoption stories from India & globally*  
**2<sup>nd</sup> September**

<b>1000 hrs. – 1100 hrs.</b>	<p><b>Deep Tech Workshop 3</b></p> <p><b>Re-Inforcement Learning with AWS SageMaker (From Business Problem to ML in Production)</b></p> <ul style="list-style-type: none"> <li>• <i>The anatomy of RL Problem,</i></li> <li>• <i>Why this new approach of ML was required when already supervised and unsupervised learning techniques were there</i></li> <li>• <i>Use cases to explain how SageMaker can be used for solving business problems like Vehicle Routing and Resource Allocation</i></li> </ul> <p><b>Speaker: Sachin Punyani</b>, Technical BD (AI/ML, Analytics) - India and South Asia (WWPS), <b>AWS</b></p>
<b>1110 hrs. – 1210 hrs.</b>	<p><b>Deep Tech Workshop 4</b></p> <p><b>GPT-3</b></p> <p><b>Speaker: Suraj Amonkar</b> - Fellow, AI@Scale, Machine Vision and Conv. AI, <b>Fractal</b>  <b>Gokulakrishnan S</b> - Lead Engineer, Technology Services, <b>Fractal</b></p>
<b>1500 hrs. – 1525 hrs.</b>	<p><b>Session VI: Virtual Show&amp;Tell: #AI4Innovation</b></p> <p><b>Unlocking value at Scale &amp; simplifying AI journey for enterprises</b>  <i>10 – 12 mins keynotes by 3 tech leaders on how they are creating impact for their clients with their AI solutions in India &amp; Globally</i></p> <p><b>Speaker: Sanjay Srivastava</b>, Chief Digital Officer, <b>Genpact</b>  <b>Navin Sabharwal</b>, Chief Architect and Head of Strategy, <b>HCL Technologies DryICE</b></p>
<b>1525 hrs. – 1530 hrs.</b>	<p><b>Virtual Show &amp; Tell: #AIFromIndia – 2 videos</b>  <i>Hear interesting Start-up pitches with their AI solutions built from India</i></p>
<b>1530 hrs. – 1610 hrs.</b>	<p><b>Session VII: Virtual Forum: #AI4India</b></p> <p><b>AI-fueled India: From POC to Implementation</b></p>

	<p>Hear from state leaders on how AI deployment is happening at local level and how is it helping the states.</p> <p><b>Speaker: Jayesh Ranjan</b>, Principal Secretary of the Industries &amp; Commerce (I&amp;C) and Information Technology (IT) Departments <b>of State of Telangana</b>  <b>Shri SVR Srinivas</b>, Principal Secretary, <b>Maharashtra</b>  <b>Hans Raj Verma, IAS, Additional Chief Secretary to Government, Information Technology Department Govt. of Tamil Nadu</b>  <b>Moderator: Karthikeyan Natarajan</b>, President &amp; COO, <b>Cyient</b></p>
1610 hrs. – 1640 hrs.	<p><b>Session VIII: Virtual Show&amp;Tell: #AI4Innovation</b></p> <p><b>Unlocking value at Scale &amp; simplifying AI journey for enterprises</b>  <i>10 – 12 mins keynotes by 3 tech leaders on how they are creating impact for their clients with their AI solutions in India &amp; Globally</i></p> <p><b>Speaker:</b>  <b>Rohit Adlakha</b>, Chief Digital &amp; Information Officer and Global Head, Wipro <b>HOLMES</b>  <b>Kaushal Mody</b>, Lead – Operations, Growth &amp; Strategy, Innovation, <b>Accenture</b></p>
1640 hrs. – 1715 hrs.	<p><b>Session IX: Global Powernote</b></p> <p><b>Reimagining Innovation in the COVID world</b></p> <ul style="list-style-type: none"> <li>• <i>Innovation &amp; AI can help businesses return from the setback</i></li> <li>• <i>Reimagining AI driven Business Models for speedy recovery</i></li> <li>• <i>Accelerating AI adoption across business units</i></li> <li>• <i>Must do guide for enterprises for resiliency</i></li> </ul> <p>Speaker: <b>Howard Yu</b>, LEGO professor of management and innovation, <b>IMD</b></p>
1715 hrs. – 1745 hrs.	<p><b>Session X: Fire-Side Chat</b></p> <p><b>IT is now about Intelligence Technology: India's AI Imperative</b></p> <p><b>Speaker: KT Rama Rao</b>, Minister of MA&amp;UD, Industries and IT&amp;C, <b>Govt. of Telangana</b>  <b>Chair: Keshav Murugesh</b>, Group CEO, <b>WNS Global Services</b> and Immediate Past Chairman, <b>NASSCOM</b></p>

1745 hrs. – 1750 hrs.	<p><b>Report Launch</b></p> <p><b>KT Rama Rao</b>, Minister of MA&amp;UD, Industries and IT&amp;C, <b>Govt. of Telangana</b>  <b>Keshav Murugesh</b>, Group CEO, <b>WNS Global Services</b> and Immediate Past Chairman, <b>NASSCOM</b>  <b>Dr. Nitin Bhatt</b>, Global Advisory Risk Transformation Leader &amp; India Technology Sector Leader, <b>EY</b>  <b>Debjani Ghosh</b>, President, <b>NASSCOM</b></p>
1750 hrs. – 1810 hrs.	<p><b>Session XI: Report Key Findings</b></p> <p><b>Can enterprise intelligence be created artificially?</b></p> <p><b>Sangeeta Gupta to set the context and invite Nitin and Vijay.</b></p> <p><b>Speaker: Dr. Nitin Bhatt</b>, Global Advisory Risk Transformation Leader &amp; India Technology Sector Leader, <b>EY</b>  <b>Vijay Bhaskar</b>, Intelligent Automation Leader, <b>EY-India</b></p>

<p><b>Sectorial view – AI4India</b>  <i>National AI framework, Sectorial scale &amp; showcase the adoption stories from India &amp; globally</i>  <b>3<sup>rd</sup> September, 2020</b></p>		
1000 hrs. – 1100 hrs.	<p><b>Deep Tech Workshop 5</b></p> <p><b>Develop and deploy Scalable AI solutions</b>  <i>It will be designed as a growth workshop format in which experts in various domain will share insights on how they manage the challenges in AI solutioning from conception to development to growth.</i>  <i>Defining the right problem to solve with AI</i></p> <ul style="list-style-type: none"> <li>• <i>The thought process of concept to design</i></li> <li>• <i>Challenges in Development</i></li> <li>• <i>Does optimization makes sense?</i></li> </ul> <p><b>Speaker: Sangeetha Phalgunan</b>, VP Sales &amp; Alliances, APAC, <b>Jiffy.ai</b>  <b>Lava Kumar</b>, Founder &amp; CPO, <b>Entropik Tech</b></p>	<p><b>1000 hrs. – 1100 hrs.</b>  <b>Roundtable</b></p> <p><b>How the race for AI talent is becoming global and who is winning it?</b></p> <p><b>Host: Rostow Ramanan</b>, CEO, <b>Factini Advisors LLP.</b>  <b>Speakers: Joyce Drohan</b>, Partner and BC Practice Leader, Omnia AI , <b>Deloitte</b>  <b>Nat Cartwright</b>, Co-Founder &amp; Chief Operating Officer, Finn AI.</p>

	<p><b>Neil Burman</b>, Chief Growth Officer, <b>Yellow Messenger</b>  <b>Moderator: Sachin Kelkar</b>, Head Developer Programs Asia Pacific) , Intel</p>	<i>By Invitation only</i>
<b>1110 hrs. – 1210 hrs.</b>	<p><b>Deep Tech Workshop 6</b></p> <p><b>Privacy Enabled AI Techniques</b></p> <ul style="list-style-type: none"> <li>• Need for Privacy Aware Machine Learning</li> <li>• Techniques for building privacy preserving machine learning models</li> <li>• Tools &amp; Platforms</li> <li>• Demo from Healthcare domain</li> <li>• Q&amp;A</li> </ul> <p><b>Speakers: Dattaraj Jagdish Rao</b>, Lead - AI Research Lab at Persistent  <b>Amogh Kamat Tarcar</b>, Machine Learning Researcher, Persistent AI Research</p>	
<b>1500 hrs. – 1530 hrs.</b>	<p><b>Session XI: Fireside Chat: #AI4Health</b></p> <p><b>Digital Health – driving the imperative of affordability and inclusion</b></p> <p><b>Speaker: Dr. Indu Bhushan</b>, Chief Executive Officer (CEO), <b>Ayushman Bharat</b>  <b>Chair: Rekha M. Menon</b>, Vice Chairperson, <b>NASSCOM &amp;</b> Chairperson &amp; Senior Managing Director, <b>Accenture India</b></p>	
<b>1530 hrs. – 1550 hrs.</b>	<p><b>Session XII: Guest Powernote: #AI4Health</b></p> <p><b>Innovation at Scale for India – Powering the Bio-Pharma-MedTech Ecosystem</b>  <i>Hear our expert talk on need for innovation at scale and building simple &amp; affordable technologies for medtech in India, collaboration with the industry, start-ups and SMEs and advice to young entrepreneurs aspiring to build products in the biotechnology sector.</i></p> <p><b>Speaker: Dr. Renu Swarup</b>, Secretary, Dept. of Biotechnology, Ministry of Science &amp; Technology, <b>Govt. of India</b></p>	



<p><b>1550 hrs. – 1630 hrs.</b></p>	<p><b>Session XIII: Virtual Forum: #AI4ALL</b></p> <p><b>From defining to Implementing AI for good at scale</b>  <i>12 minutes short keynote capsules on AI implementation projects</i></p> <p><i>The AI vision for India is not only to boost the economy but it is also seen as a socio-economic problem solver at large scale. AI-based innovation can help improving the quality of life, generate employment in various sectors, and bridge the digital divide for India. This session will cover the untapped potential of AI for good, some examples of global practices and how India can leverage and learn from them. We will also have experts talk about some of the projects implemented and the impact it is creating in sectors like in agriculture, citizen empowerment and financial inclusion.</i></p> <p><b>Citizen Enablement</b></p> <p>Speaker: <b>Abhishek Singh, CEO, MyGov</b></p> <p><b>Impact on Agriculture</b></p> <p>Speaker: <b>Raghu Dharmaraju, VP and Head Products &amp; Programs, Wadhvani.ai</b></p> <p><b>Financial Inclusion</b></p> <p>Speaker: <b>Praveena Rai, COO, NPCI</b></p>
<p><b>1630 hrs. – 1715 hrs.</b></p>	<p><b>Session XIV: Guest Power Note &amp; a Fireside Chat</b></p> <p><b>Prepping for Data infrastructure: Ready for the AI revolution</b>  <i>The need exists for a robust data systems to prepare for an AI-enabled economy. It is clear that AI and analytics have the potential to revolutionize, grow &amp; revive any organization and hence the economy. However, a lot of projects don't reach the implementation stage due to inefficient infrastructure and inaccessible data. This session aims to discuss the areas of investment in Cloud/Data Infrastructure optimized for making AI solutions effective; and your thoughts on where India stands in her preparedness to make AI real for India.</i></p> <p><b>1630 – 1645</b>  <b>Short Talk: Harmeem Mehta, Group CIO, Airtel</b></p>

**1645 - 1715**

**Fireside chat**

**Speaker: Prakash Kumar, CEO, Goods and Services Tax Network**

**Chair: Kanishka Agiwal, Head – Artificial Intelligence, India/South Asia, WWPS, Amazon Internet Services Private Limited**

**1720 hrs. – 1725hrs.**

**Virtual Show & Tell: #AIfromIndia**  
*Hear interesting Start-up pitches with their AI solutions built from India*

**1725 hrs. – 1740 hrs.**

**Session XV: Short talk: #AIforALL**

**AI for India and Beyond**  
*Artificial Intelligence (AI), especially the field of machine learning, is transforming virtually all aspects of our lives. This talk describes our efforts at Google Research India to tackle problems arising in the Indian context and beyond. We discuss a critical need and an opportunity to improve health outcomes globally at lower costs, and specific challenges in countries like India of an acute shortage of doctors. As examples, we present a convolutional neural network based solution developed by our researchers for more effective screening of diabetic retinopathy, as well as ongoing efforts towards prevention of cardiovascular disease. We describe our AI for Social Good program through which we are addressing issues like public health, education and wildlife conservation, in partnership with NGOs and academic researchers. We describe challenges arising due to factors like diversity of languages and code mixing for Google products like Search and Assistant, which are being used daily by tens of millions of users in India, and our natural language processing research. Finally, we discuss outstanding challenges associated with the overall field of AI itself, like safety, data privacy, and fairness, and our guiding principles and directions to address them*

**Speaker: Manish Gupta, Research head, Google India**

**Policy Framework & Thought Leadership**  
*India's' AI policies & Thought Leadership*  
**4<sup>th</sup> September, 2020**

<p><b>9:30 hrs. – 1030 hrs.</b></p>	<p><b>Deep Tech Workshop 7</b>  <i>Solve business related problems through AI tech with hands on workshop</i></p> <p><b>Julia - A Fresh Approach To Technical Computing And AI</b></p> <p><b>Speaker: Dr. Viral Shah, Co-Founder &amp; CEO, Julia Computing, Inc.</b></p>
<p><b>1045 hrs. – 1215 hrs.</b></p>	<p><b>Deep Tech Workshop 8</b></p> <p><b>Key Points to follow while building AI for Indian Languages</b></p> <ul style="list-style-type: none"> <li>• Factors that affect NLP</li> <li>• Similarities and differences between languages and their properties</li> <li>• Data, noise and how to process</li> </ul> <p><b>Speaker: Vivekananda Pani, CTO, Reverie Language Technologies</b></p>
<p><b>1500 hrs. – 1520 hrs.</b></p>	<p><b>Session XVI: Guest Powernote: #AIUnbaised</b></p> <p><b>Ethics of AI - The India framework</b></p> <p><b>Speaker: Anna Roy, Senior Adviser, NITI Aayog</b></p>
<p><b>1520 hrs. – 1550 hrs.</b></p>	<p><b>Session XVII: Guest Powernote</b></p> <p><b>Responsible AI to drive Trust, Value &amp; Innovation</b></p> <p><b>Speaker: Nigel Willson, Global Speaker, Influencer and Advisor on Artificial Intelligence, Innovation &amp; Technology, Co-founder, We &amp; AI</b></p>
<p><b>1550 hrs. – 1615 hrs.</b></p>	<p><b>Session XVIII: Virtual Show &amp; Tell</b></p> <p><b>India start-ups towards AI inclusion - Bridging the digital divide</b></p> <p><b>Speakers: Kushagra Sinha, CEO &amp; Co- Founders, Jiny.io</b>  <b>Kunal Prasad, COO &amp; Co Founder, Cropin</b>  <b>Sourabh Gupta, Co- Founder &amp; CEO, Vernacular.ai</b></p>

	<b>Chair: Raman Roy, Chairman &amp; MD, Quattrro</b>
<b>1615 hrs. – 1700 hrs.</b>	<p><b>Session XIX: Israeli Innovation Showcase</b></p> <p><b>Crystal Gazing into cutting edge of Israel innovation</b></p> <p><b>Opening by: Ambassador Dr. Ron Malka, Embassy of the State of Israel</b></p> <p><b>Start-ups: Liron Rosenbaum, Asia Director of Business Development, OrCam</b>  <b>Tal Wenderow, President &amp; CEO, Vocalis Health</b>  <b>Aron Cohen, CEO, Diagnostic.ai.</b>  <b>Oren Gavriely, CEO, NanoScnt</b></p> <p><b>Closing by: Ambassador Sanjeev Singla, Embassy of India, Tel Aviv</b></p>
<b>1700 hrs. – 1745 hrs.</b>	<p><b>Session XX: The big Closing- XpereincaAI Summit</b></p> <p><b>Role of AI in the economic growth of a developing country</b></p> <p><b>Speaker: Andrew NG, Influencer, Founder &amp; CEO, Landing AI</b>  <b>Chair: Debjani Ghosh, President, NASSCOM</b></p>

***Disclaimer: This is a tentative version of the agenda. NASSCOM reserves all rights to change the topics & time of the sessions without notice at any given time.***