

NASSCOM®

Center of Excellence-IoT & AI

A MeitY Initiative with Govt. of Karnataka, Haryana, Gujarat & AP



REPORT FOR GANDHINAGAR

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Ministry of Electronics
& Information Technology
Government of India



GUJARAT INFORMATICS LIMITED
(A Government of Gujarat Company)



Department of Science & Technology
Government of Gujarat



सत्यमेव जयते
Government of Gujarat

JK Lakshmi Cement Ltd & NASSCOM CoE enter strategic partnership to foster co-creation in factories

NASSCOM Centre of Excellence (CoE) IoT & AI Gandhinagar entered into a partnership with JK Lakshmi Cement Ltd (JKLCL) to drive innovation through a unique Partnership Program, a collaborative lab that will transform their plants into smart factories. The MoU was signed by Naveen Kumar Sharma, Vice President, JK Lakshmi Cement Pvt Ltd & Amit Saluja, Center Head, NASSCOM CoE IoT & AI Gandhinagar. Under this partnership Program, NASSCOM CoE will assist JK Lakshmi Cement Ltd. to build a technology roadmap through identification of areas for digitization, in addition to connecting them with the startup ecosystem and academia for developing solutions using advanced technologies like AI, IoT, Robotics, AR/VR.



“Sustenance of business in future will depend on the sustainable use of various natural resources and for that use of ML, AL, IoT, etc. in the manufacturing process will be the key. Our association with NASSCOM CoE will be a great help in co-creation of various technology based solutions to boost sustainability.”

- Naveen Kumar Sharma, Sr. Vice President (Works), J K Lakshmi Cement Ltd.

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NASSCOM CoE hosted a first of a kind Design Thinking Workshop for JK Lakshmi Cement Ltd. team at the Gandhinagar centre. The objective of the workshop was to encourage and build capabilities to develop a structured approach in identifying challenges faced by JK Lakshmi Cement Ltd., both at manufacturing units and services.

This would help their R&D & engineering teams prioritize on focus areas, where technology can truly help solve their challenges. More than 32 senior professionals across departments from JK Lakshmi Cement’s Gujarat and Rajasthan plants, including Vice President Naveen Kumar Sharma, Sanjeev Shroff, deputy general manager(Kalol Plant) &Deepak Sharma, IT Head (Kalol Plant) participated in the day-long workshop.



Industrial internship drive led by CoE Gandhinagar to foster realtime co-creation



NASSCOM CoE IoT & AI Gandhinagar conducted a first of a kind Internship Recruitment Drive, with the main intention of making our talent industry-ready. As part of the NASSCOM-led recruitment drive, 25 candidates appeared for interviews led by companies like JK Lakshmi Cements Pvt Ltd, Phatom and Alluvium. JK Lakshmi Cements Pvt Ltd selected SEVEN candidates, while Alluvium and Phatom selected TWO each. In this strategic month-long internship exercise, candidates will get to witness first-hand industry challenges and problem statements, and conceptualise solutions based on emerging technologies.

“We are a technology focused company and it very important for us to do continuous research and technological advancements in our products. Thanks to NASSCOM CoE for organizing recruitment day at IIT Gandhinagar, we are excited to have top talent from IIT to work with us as interns on researching application of emerging technologies like IoT & AI to solve industry challenges,” Himmat Singh, cofounder, Phatom Technologies, who participated in the recruitment drive.

Understanding computer vision and its practical use in industry

As part of NASSCOM CoE xChange Program, a deep dive workshop in Computer Vision-AI “Decision Making in Computer Vision”, was conducted in association with IIT Gandhinagar. More than 50 people from startups & the local AI/ML developer community attended this hands-on technical training session. The theme of event was to highlight the Challenges in Computer vision and how to apply the optimized solutions in real time. Mr. Shanmuganathan Raman, Associate Professor, Indian Institute of Technology, Gandhinagar and 6 researchers from his group led the discussions with examples and code patterns. This workshop was culminated with an interesting Q&A and panel discussion. This was a good opportunity for startups and other audience to gain evolved perspectives.



Workshop on interfacing sensors for a digital world

While India is hurtling towards becoming a product development hub, there is a growing need to understand realtime challenges in handling IoT & AI-based products. NASSCOM CoE Gandhinagar conducted a technical workshop, led by Madhukant Patel, CTO of Reve Automation LLP, on sensors and hardware, challenges managing IoT & AI products in real time and managing high data volumes with AI. This workshop was attended by more than 40 members from startups, SMEs and academia.



CoE Startups Parade their Innovations at Vibrant Startup & Technology Summit



The three-day summit was action packed, especially for CoE Gandhinagar. The core team and associated startups were present for a range of sessions & showcase opportunities. During an interactive industry session, CEO Sanjeev Malhotra spoke extensively on Industry 4.0 and its applications in manufacturing. This was followed by Amit Saluja, Center Head of CoE Gandhinagar who spoke about how NASSCOM is helping build an innovation ecosystem. Additionally, there were Corporate and Startup connect sessions which Amit led as a panelist along with Sanjay Moralwar, CIO Zydus Cadila and Sandip Shah from Deloitte. Eight CoE startups, aided by CoE Gandhinagar, participated in the summit and set up booths – Indolytics, Plutomen, Whyte Automation, News4Use, Torchit, Easygov.in, Niramai and Floatbot.



Jimmy Padia, founder of Floatbot, won the IDEATHon 2019 in the Fintech category and was awarded by Shri Nitin Patel, Dy Chief Minister of Gujarat, Shri Hareet Shukla, Secretary of DST, Shri Divyesh Doshi, Director of GESIA IT Association and Shri MaulikBhansali, Chairman of GESIA IT Association.

Additionally, Plutomen and Torchit too won multiple awards at the summit.

Amalthea - Technology Summit held in IIT Gandhinagar

Amalthea, the annual technology summit of IIT Gandhinagar was held on October 19th & 20th where innovation in conjunction with sustainable growth of a society was extensively discussed by startups, research institutions, design innovators & academia. FIVE CoE Gandhinagar startups participated in this two-day event – Alluvium IoT Solutions, Enerlytics, Sunbots Innovation LLP, News4Use and ReveSoils Pvt Ltd. The event was well received by founders, some of whom were able to meet students interested in NLP for Indian languages – a fast-growing specialist area in the field of AI.

