

KL TIMES

The Kritilabs Newsletter

August 2024
ISSUE #1



BUSINESS



GLOBAL HEADQUARTERS

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PUBLISHING TEAM

1. Dr. RV
2. Mr. Jason (HR)

ABOUT KRITILABS

TECHNOLOGIES

Kritilabs is a global leader in Digital Transformation and innovatively powered by AI and IOT with large scale implementations across a wide spectrum of Industries, with more than 10 global patents, and with many awards and recognition from "Who's Who" of Indian Industry including FICCI, CII, Nasscom, TiE Chennai, AIMO, Times of India et al.

Message from Co-Founders



I am happy to see this initiative of a **Kritilabs Times** Newsletter and publication of its inaugural issue. I hope with sustained effort of all of us, this gets published periodically with contributions from all of us. Kudos to people who have worked hard to get this issue out but it has to be a team effort of all of us to share our joy of innovating and making things happen at/by Kritilabs.

Since 2012 when Kritilabs was formed, so many exciting things have happened and if we do not document them they will be lost. Our earliest associates in this journey - Prabu, Guna, Saravanan will remember the different addresses that were home to Kritilabs during the initial 4 or 5 years. Most of these addresses were back street addresses, including a garage when we got thrown out of our humb 'shop' in GST, Guindy. If ever anyone doubted as to how anyone can lift themselves up by holding on to their bootstraps, they should read our story.

Story telling is the biggest social endeavour of human being. We regaled ourselves with our friends when we were kids while recounting how the hero outwitted the villain in the film we had seen the previous day. Our families never tired of telling guests what extraordinary feat we had performed in academics, sports, dance, music, etc. My mother would keep adding 1% more marks to my daughters performance in Higher secondary, until we had to remind her that she cant go beyond 100%. When we talk to our customers we also indulge in a bit of exaggerated story of how we conquered IOC and how we are now a monopoly in O&G sector.

But believe me, our achievements, our capabilities as Kritilabs, do not require any exaggeration to astound those who visit us or hear us. But we need to know more about individuals in Kritilabs, their experiences, their dreams, their vision, their innovations, their efforts. Every one of these require celebration by sharing, recognizing and appreciating. This Newsletter is intended just for that.

Please overwhelm the editors and publishers of this news letter with your contributions so that they have a challenge of what is to be published and what can be included in the next issue.

Happy recounting, sharing and storytelling - Bash on and tell your story.

Best Wishes,
Dr. L. N. Rajaram



KL Times - The Kritilabs Newsletter is an important initiative to spread awareness, develop a spirit of camaraderie, engagement and inspiration amongst different departments and more importantly fun...I wish this initiative gains more and more strength every month with active participation and contribution from the different constituents in the organization with each KL associate anxiously waiting to read this every month...

Mr. Srikrishna V, CEO and Co-Founder



Message from the Editor

Welcome to the First Edition of the Kritilabs Monthly Newsletter – August 2024

Dear Kritilabs Family,

I am thrilled to introduce the very first edition of our internal newsletter, a new initiative aimed at keeping everyone informed, connected, and engaged. This monthly publication is designed to bring you all the latest updates from across departments, highlight important corporate developments, and celebrate our collective achievements.

As we step into September/October 2024, we look forward to sharing stories that not only reflect the innovation and hard work happening across our teams but also showcase the spirit of collaboration that defines us at Kritilabs. Whether it's exciting new projects, major milestones, or the everyday wins that push us forward, this newsletter will be your go-to source for staying in the loop.

The internal newsletter is also a platform for each of you to contribute—whether you have an exciting idea, a success story, or simply something you think the team should know, we'd love to hear from you. Let's make this publication a space for everyone to share, learn, and grow together.

Here's to a great start and many more editions to come! I am being supported by Mr. Jason (HR) in this initiative.

Warm regards,

Dr.RV

Editor, KL Times





Most Innovative Companies India in 2024 – Times of India

One of the big things that happened during Aug 2024 is that Kritilabs got featured in the all-India edition of the prestigious **Times of India** magazine in an article named “**Most Innovative Companies India in 2024**”. CEO, Mr.Srikrishna was featured elaborately by the magazine.

Here is the live link: <https://timesofindia.indiatimes.com/business/india-business/most-innovative-companies-in-india-2024/articleshow/112924586.cms>



Srikrishna, an alum of ISB Hyderabad, has extensive experience in technology services and products, with multiple patents to his name. At KritiLabs, he focuses on innovative IoT solutions, scaling them globally. Under his leadership, KritiLabs was recognized as India’s Best Emerging IoT Company by NASSCOM in 2019 and won the National AI Award from CII in January 2024. KritiLabs is a leader in Digital Transformation, offering advanced IoT-based AI technology solutions. Their innovative products, including Intellilock™, SmartSeal™, E-Baton™, and VAIOT™, leverage the patented AI²oT™ (Artificial Intelligence + Internet of Things) platform to enable comprehensive digital transformation.

Kritilabs USA Updates

Kritilabs USA continue to take initial strides with some key leads from prospects that happened during Aug 2024. STARGO, Mexico is part of the big STARGO Group of Mexico with interests in a variety of areas including Media, Mining, Transport and Warehousing. They have shown keen interest in piloting Kritilabs products as well as be a Value Added Reseller in the Mexico region in the future.

Couple of US based hoteliers have also shown interest in implementing Kritilabs facility management apps. Our platform team is working on giving the final touches to the facility management apps that will work on Android as well as Apple phones.

Partnership with Bosch

Kritilabs has got enrolled as a Technical Partner to BOSCH. As part of the program, Kritilabs gets access to AWS cloud billing program which is available at a discounted rate to all BOSCH Partners. Bosch and Kritilabs will work towards “Joint Go-to Market” possibilities for some key initiatives and tenders in the future. Just for information, Kritilabs is already to a Partner to IBM India, another major player in the System Integration Space and Artificial Intelligence, globally..

Kritilabs to undergo ISO Surveillance Audit

Kritilabs has been passionate about Quality and Process Adoption across all functions. Apart from various Industry certifications for its products, it is also certified by ISO. This year Surveillance Audit is scheduled for September 17th at Corporate Headquarters.



HR Function

Updates

College engagement

Provided internships to students from 5 colleges in the stream of Electrical, Electronics and Mechanical engineering.



Referral Programs

A referral program has been set in place for the recruitment of skilled production engineers

Share your Love for KritiLabs with your friends and relatives!
Simply ask them e-mail or call referring your name for the below requirement.

EMPLOYEE REFERRAL

For Fresh & Experienced Engineers, Technicians, Operators

Job: Electronics Production / Assembly / SMD Soldering

E-mail: jobs@kritilabs.com
8148172259 / 9790994144

Education: Engineering / Diploma / ITI (ECE, EEE & Mechanical)

New Additions in the month of august

Saravanaprakash (RSM)

Saravana Prakash: Sales cum marketing professional having 13+ years of experience in Sales, Product/ Business Management, account management, Channel sales and SME Enterprise Business Sales



Ananthu (ASM)

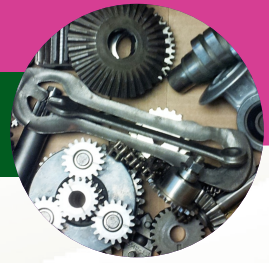
Ananthu, ASM: Operations professional with 8 years of experience in Logistics and supply chain management.



Added 52 resources company-wide in the month of August.

Communication with employees.

Birthday Wishes and Work anniversary notifications are sent to all employees through ERP.



News:-

Plan for the installation of a new vertical injection molding machine and a plastic ultrasonic welding machine, as well as the start-up of plastic component manufacturing.

Achievements:-

Relocated the scrap room and built a new machine plant on the same site, installing a new vertical injection molding machine and a plastic ultrasonic welding machine. Started and completed manufacturing of BPCL Lock Protective Cover - 38000 Nos. and Lock Seal - 200 Nos.

Significant events:-

New development and successful demonstration of a new mechanical locking system for manifold boxes in all fuel tankers that does not require welding or drilling. To avoid fuel unloading and water filling of tankers. Additionally, installation saves a significant amount of time.

Projects:-

A new project for railway signal control box locking system mechanical assembly and implementation was successfully completed for ten units at Kodambakkam Railway Station.

New hires:-

Appointed two molding operators and two fitters for new vertical injection molding production and deflashing operations.

Promotions:-

Mr. Purushothaman was promoted from Senior Fitter to Senior Foreman.

Mr. Sadhan transitioned from assembly engineer to procurement engineer.

New Initiatives:-

New Jigs and Fixtures are designed and manufactured in the Mechanical Unit for use in machining, fabrication, inspection, and other applications.

Policies:-

Follow the department procedure for QMS and EMS standards as determined by policy.

Procedures:-

Day-to-day productivity starts with the daily opening meeting. Followed by the Job Card instructions and design data. And at the end of the meeting, the job cards for the planned and achieved KPI data were collected.

Role Achievements:-

BPCL Enclousers Fabrication Tig Welding Process. Mr. Shankar (Tig welder) and Mr. Manta (Tig welder) completed more work than planned.

Training Sessions:-

Molding training provided to Chandarbanch Singh and Purushothaman. And they were excellently trained to complete the Project's planned production quantity.

Team-building:-

The team of Mr. Dhanasekar, Mr. Ganesh, and Mr. Murthy successfully completed the Signal Box Locking System Implementation Pilot Process in Indian Railway.

Mr. Purushothaman, Mr. Devasigamani, Mr. Chandharbanch Singh, Mr. Gunasekar, and Mr. Vikram, BPCL Lock Protective Box Molding and Deflashing Process.

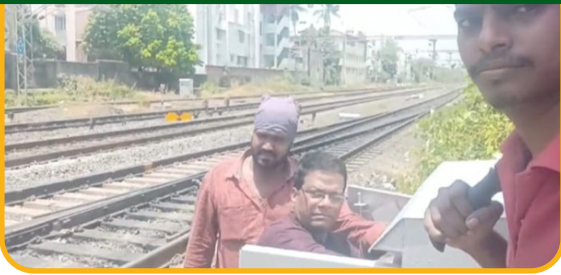
The Total Mechanical Unit Team completed the BPCL Additional -2000 Mechanical Components manufacturing project on time and within budget.

New Ideas / Suggestion:-

Latest news on container theft by without lock break and dismantled door for Ennore Port Trust from a Tyre Company. We will approach the tyre company and provide our solution for this theft control using our latest container locking systems. Because of our most recent container locking system, we can control theft without breaking locks or dismantling container doors.



DEFLASHING OPERATION



VERTICAL INJECTION MOULDING OPERATION





A new team in Platforms & IT

Who and Why?

In order to serve the data needs for Kritilabs, a horizontal called Data Analytics has been established under the Platforms and IT department. Fondly called Sri sisters, Muthushree and KeerthiSri are the founding members of this horizontal.

What team does

This team crunches and gave data reports on anything that is present in our Platforms, i.e. IOCRAMS, BPCLRAMS, PMS, CMS, etc based on the needs of the requestor.

This is an internal facing team who would be happy to assist any request regarding specific datasets, reports, or analytics from our applications.

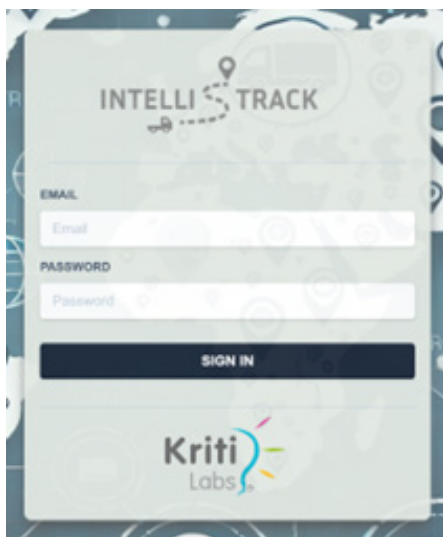
How to get data?

Send an email to dataanalyticscoe@kritilabs.com with the specifics, the team will revert back.

Where do we want to go?

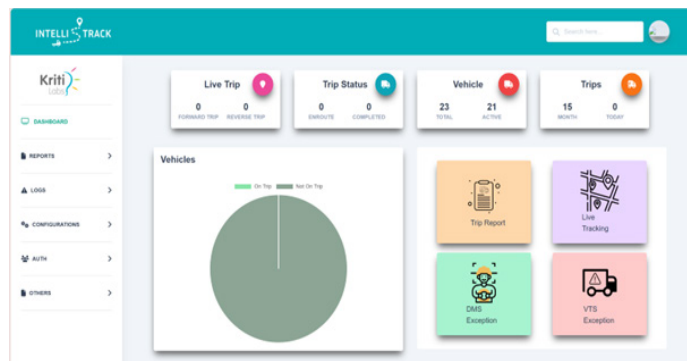
Catering to Data Requests is only the start, the team is working on giving internal MI Dashboards and move on to predictive analysis of what can happen and give the teams a clear heads up of what is going to come, so that they can be prepared

New Applications



VTS & Facility / Asset Management

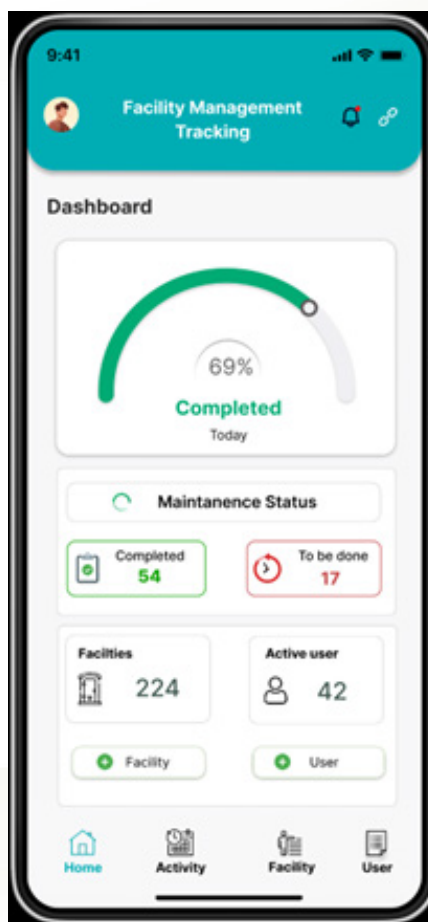
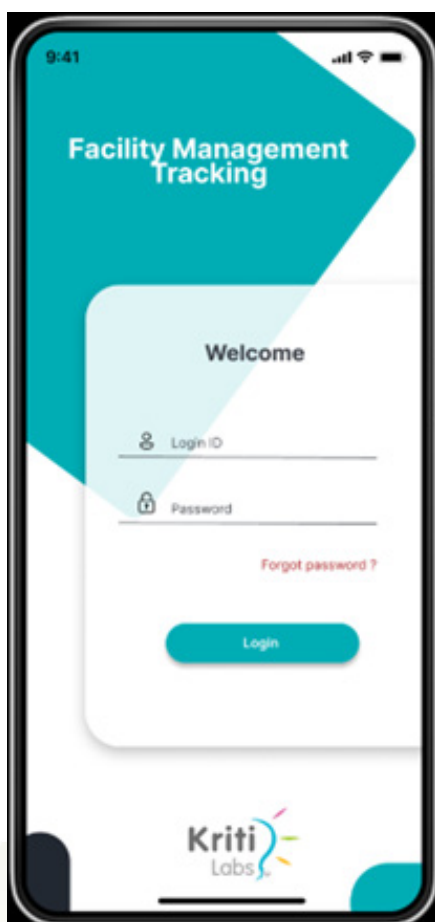
A new Product called intelliTrack, an AIS140 enabled Vehicle Tracking System (coupled with Driver Monitoring System) that enables real-time GPS monitoring of a fleet. It provides not just location data, but highlight exceptions like Route Deviation, Overspeeding, Harsh Breaking, Harsh Turning, Driver using Mobile while driving, etc. This suite helps organizations manage their fleets and help them improve their Safety, Efficiency and Optimized usage. The Facility Management part of the product is now in beta testing mode, a brand new Web Application has been developed for the same.



Facility / Asset Management

Another exciting product from KritiLabs is the Facility / Asset Management Application. This application uses our eBaton as well as Bulk RF ID reader to help organizations manage their assets as well as facilities.

This application is in Alpha stage, i.e. initial stages of testing and will be rolled out by the end of September. There has been some real good enquires for this product and we believe the efficiency of this application along with its intuitive / modern feel of this application will help us garner more sales



Posters



Celebrations



New Members in Platforms & IT

In the past couple of months, five new developer trainees Ajith Kumar, Abhishek, Jeevan Bharathi, Kowsika and Srivatsan have joined our team! Jeevan Bharathi is an internal transfer from Manual Testing team. We look forward to seeing their contributions and growth within our organization!

And we have Pradeep joining our team as a UI Designer. Pradeep who is from our testing team, had completed UI courses on his own and helped us design the Facility Management app which came out wonderfully. Understanding his potential as well as the need for ensuring our Mobile Apps and Platforms have a jazzy and modern look, a new position of UI designer has been created and Pradeep has moved into the new position.



CURRENT PRODUCTS



ALS Intellilock V2.0: The Ultimate Smart Lock Solution

We're excited to introduce the ALS Intellilock V2.0, the latest evolution in smart lock technology. This innovative lock combines the best features of Intellilock B and Intellilock B EX, offering advanced security and smart integration in one sleek design. Discover the next level of convenience and protection with Intellilock V2.0.

ALS Tracker: Revolutionizing Vehicle Monitoring

ALS Tracker is a vehicle tracking system using GSM, GPS, and GPRS technologies, compliant with India's AIS 140 standard for public transport and commercial vehicles. It sends real-time alerts for speed, route deviations, and emergencies, ensuring safety, efficiency, and regulatory compliance.



VAIOT Cam - Driver Monitoring System

There is significant development in Vaiot's Driver Monitoring System! Our advanced system is now compatible with voice alert systems, allowing for seamless integration in the future. This progress highlights our commitment to enhancing driver safety and underscores the versatility of our monitoring system, paving the way for future innovations in vehicle intelligence and driver support.

TOP NEWS

Introducing VAIOT Product Series

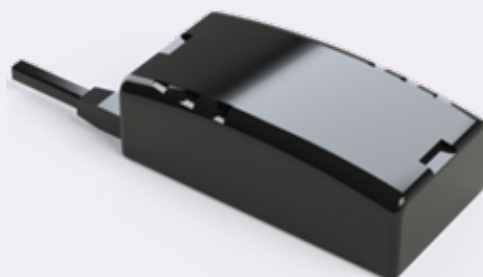
The VAIOT product series offers AI-driven visual analytics solutions, including VAIOT Cam, VAIOT Box, and VAIOT Cloud. VAIOT Cam delivers real-time edge analysis with inbuilt AI, VAIOT Box enhances CCTV systems with AI intelligence, and VAIOT Cloud provides scalable cloud-based analytics for large datasets and complex algorithms. These solutions optimize surveillance, security, and operational efficiency.



Product Certifications

ALS Tracker - IP67 Certified

The ALS Tracker has successfully passed the IP67 certification, ensuring its protection against dust and water immersion. This certification confirms the product's durability and reliability in demanding environments, further strengthening its position as a trusted solution in the market.



ACHIEVEMENTS



Custom Charger for Field Power Banks

Innovative charger solution designed and implemented to maintain optimal power levels for field-deployed power banks, enhancing operational reliability.

Smart Blind Stick: A Revolutionary Aid for the Visually Impaired

We are proud to introduce the Smart Blind Stick, a groundbreaking innovation designed to enhance mobility and safety for visually impaired individuals. This advanced device consists of two key components: a smart stick and a Visionary Band, working together to provide comprehensive assistance.

Events and Participation

Exciting Workshop Alert: GUVI Sawit AI

We're excited to participate in the upcoming GUVI Sawit AI Workshop, focusing on the latest advancements in AI and ML. It's a great chance to explore new technologies and connect with industry experts.

RAG workshop at IIT Madras Research Park

We are delighted to announce our participation in the RAG Workshop! This event is a fantastic opportunity to dive into the latest advancements in RAG and enhance our expertise through hands-on learning and insightful sessions.

