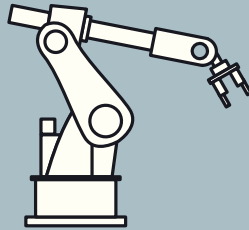


2021-2022

JANYU | TECH

SPEARHEADING ROBOTIC REVOLUTION



JANYU TECHNOLOGIES PRIVATE LTD

The Future of Automation

Janyu Technologies Pvt. Ltd. is engaged in design, development, manufacture, supply, installation and commissioning of Robotic solutions & Industrial Automation systems in various industrial sectors of economy i.e. Pharma, Healthcare, F&B, FMCG, Engineering, Automotive, Defence, Aerospace, Frozen Foods, E - commerce industries etc.

We believe that technology when customized as per client's need and made affordable with a concern for human beings will result in sustainable growth and healthy ecosystem. With the pandemic playing havoc with wellbeing and lives of our people, acquiring semi skilled labour in the non core areas like packaging, palletization and warehousing has become a challenge for most industries. Janyutech specialized in automating these manual non core activities and taking your daily struggle.

WWW.JANYUTECH.COM

OUR MANAGEMENT



ABHIMANYU RAJA CO-FOUNDER & MANAGING DIRECTOR

B.Tech & PG in Foreign Trade;
PSC Tech, World Trade Organisation
Engineer turned entrepreneur
Over two decades of experience in Executive management roles for strategic planning, operations, finance & administration.



HEMANTH MANCHELLA CO-FOUNDER & CEO

B.Tech & M.Tech;
Aerospace Engineering
Specialization in Controls & Dynamics;
Co-founder & Lead: Mars Rover Team.Manager & Overall Coordinator; Zephyr 2015, IIT Bombay



SATISH BETADPUR

Ex Head of Investments State Street Global Advisors



HARISH PATHAK DIRECTOR

Ex - President & Business Group Head,
TATA AutoComp Systems Ltd,
ex - MD & CEO - Tata BlueScope Steel Ltd,



SADGURU KULKARNI

Ex- Head- Technology,
Hindalco



MR. LAXMAN KUMAR NASARPURI

Director- Corporate Strategy & Finance
38 years of experience in investment banking and corporate finance.



DR. V S HEGADE

Ex. CMD of Antrix, ISRO
Scientist



DR SENTHIL VINAYAKAM

Technical Architecture - Head
Ex DGM, VSNL, PhD Wireless Communication

OUR TEAM



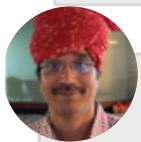
RAJESH MODGEKAR

Head Of Operations Engineer with an added qualification in Business Administration, having a varied experience of more than 25 years across industry sectors.



P VENKATAPATHI RAJU

VP - Operations & Services
30+ Years experience



RAMARAO NUTI

Director, Products & Technology
Ex VP Sanghi Industries - Instrumentation & controls



N SIVAKUMAR

VP - SATCOM
Ex DGM VSNL, 30+ Years experience



P D MANI HEAD - TECHNOLOGY

Founder & Director - Automation & Control Technology Pte Ltd
20+ Experience in Robotics & Automation



PRITAM YADAV

Gm Sales & Manager Marketing,
Ex Marketing manager at Siemens Ltd

INDUSTRIES



PHARMA, F&B AND FMCG



INDUSTRIAL AUTOMATION



BULK LIQUID



BULK SOLID



RENEWABLE ENERGY



TELECOMMUNICATION & SAT




What we offer

- Robotic Services
- Engineering Services
- Robotic Training
- Industrial Cleaning Services


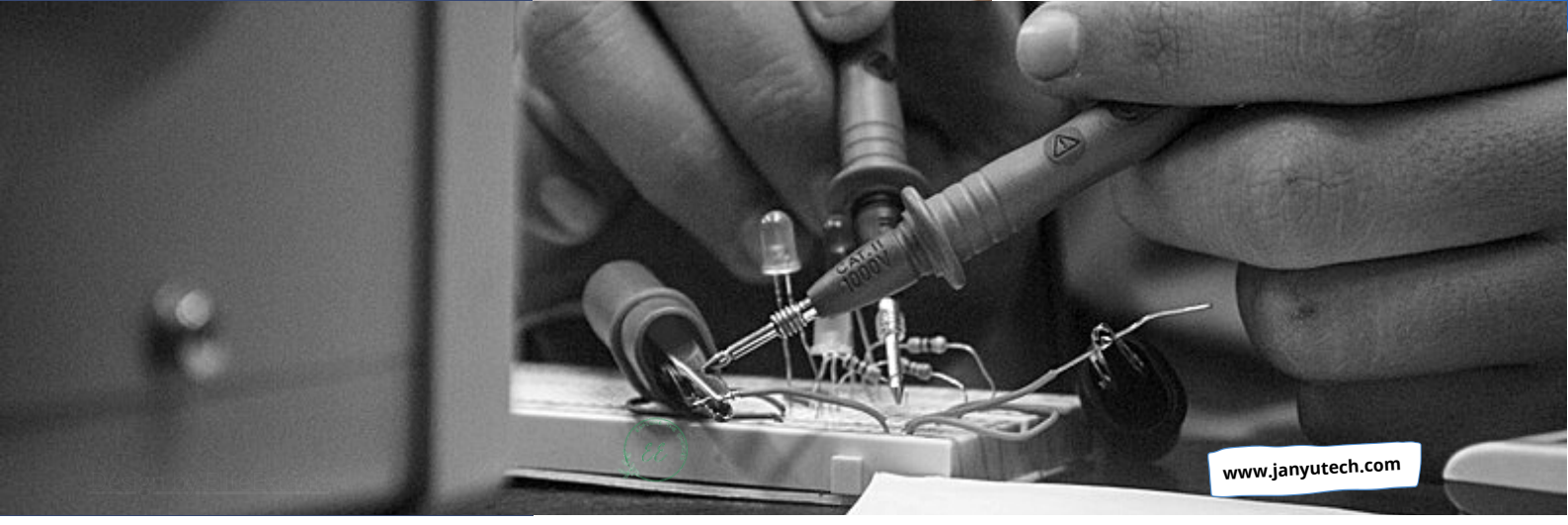
Services



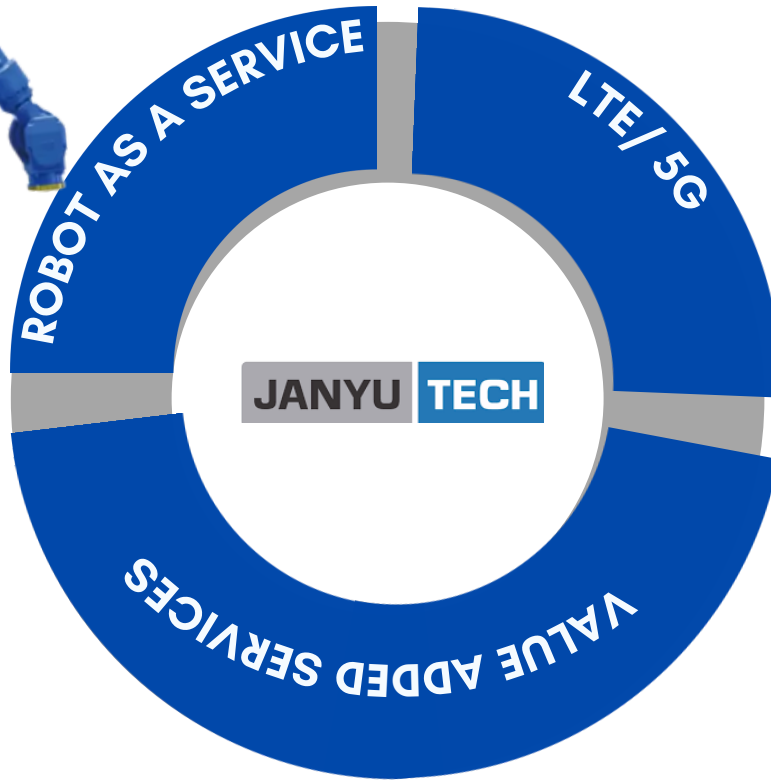
RAAS - Robotics as a service

BENEFITS OF RAAS

- Maintenance, upgrades and servicing covered by JanYu
- Implementation simplified, with no infrastructure modifications required
- Cost targeted equivalent to fully-burdened full-time employee
- Lowers barriers to deployment due to no CapEx outlay
- Immediate customer ROI due to multiples of productivity
- Eliminates technology obsolescence risk. Software updates included as part of the overall service agreement

SERVICES



PRODUCTS

INDUSTRIAL AUTOMATION

CEMENT AUTOMATION

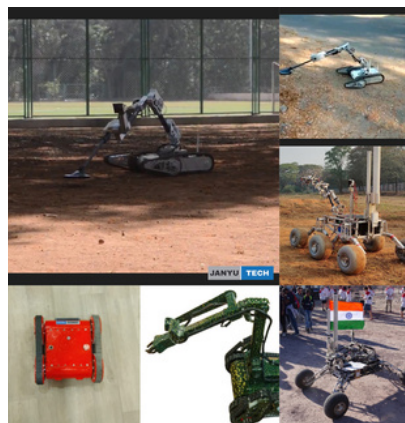
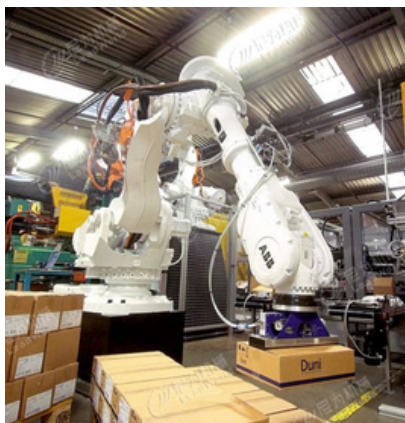
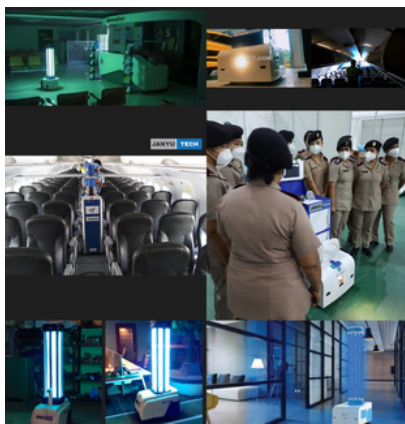
RENEWABLE ENERGY

INDUSTRIAL SERVICE

MINING

DEFENCE ROBOTS

"THE JOURNEY IS THE REWARD"



2016 - 2022

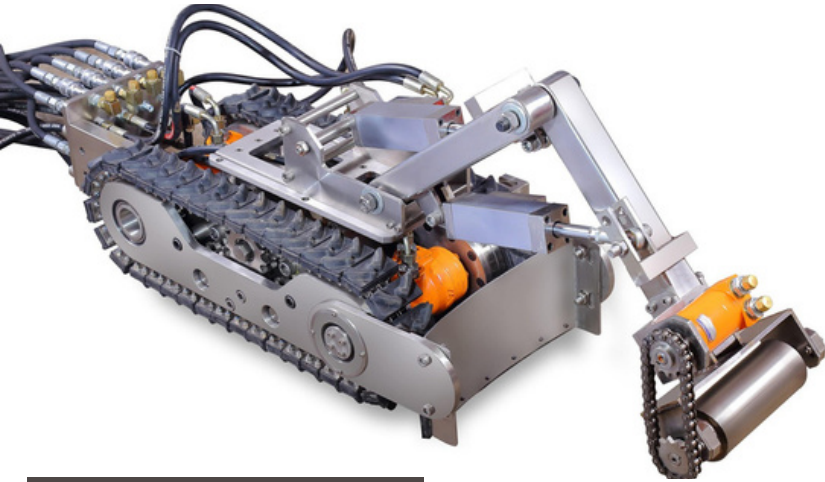
ROBOTS

HUMAN ENABLING COLLABORATIVE
PORTABLE MOBILE FIELD ROBOTS

by Janyu Technologies Pvt Ltd

Industrial Services- Sludge Cleaning Robots

SCH - HYDROLIC SLUDGE CLEANING ROBOT



BENEFITS OF RAAS

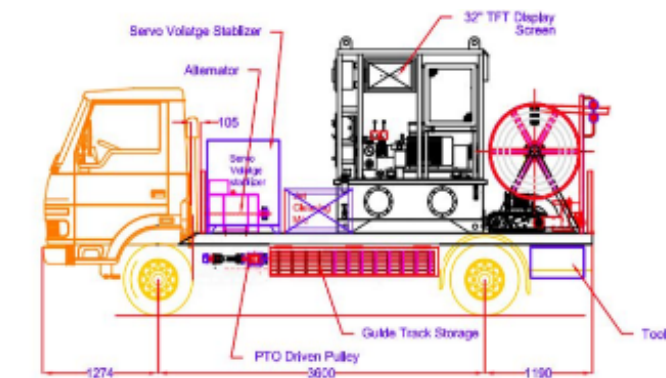
- Maintenance, upgrades and servicing covered by JanYu
- Implementation simplified, with no infrastructure modifications required
- Cost targeted equivalent to fully-burdened full-time employee
- Lowers barriers to deployment due to no CapEx outlay
- Immediate customer ROI due to multiples of productivity
- Eliminates technology obsolescence risk. Software updates included as part of the overall service agreement

Varaha SC-E is a Remotely Operated system for removing the dirt, algae, rust flakes and slurry of Water Storage Tanks. The ETP, Sump and storage tanks require regular maintenance to ensure the sanitary levels of the water being stored and hence has a direct impact on the health of the citizens.

SCE - ELECTRIC SLUDGE CLEANING ROBOT



Varaha SC-H is capable of performing operations in corrosive, hydrocarbon and underwater



Varaha - Multi Utility Robotic Crawlers - Solar Panel Cleaning

Varaha Electric Crawler mounted with KARA robotic Arm for Solar

Panel Cleaning

- Adjusts itself automatically to the modules
- Cleans in both dry & wet modes
- Cleans more than 1 MW per hour & ~5MW/shift
- Ideal system for large Utility scale solar plants



Benefits

- To suit undulating uneven terrain
- No need for additional railings/infrastructure
- Can be used for multiple arrays
- Tailor Made for Indian conditions
- To be gentle on the Solar Panels for longer life
- To take care of site installation variations along the length
- Minimal manual Intervention
- Adaptive Cleaning techniques for various weather conditions

Features

- Electric Vehicle Mounted System
- Mobile Unit
- Rugged, Robust & Modular Design
- Synthetic Microfiber fabric
- Self guidance on alignments
- Automated Smart Cleaning of Solar panel
- Dry & Wet Cleaning Options



Robotic Applications in an Ready Mix Concrete(RMC)

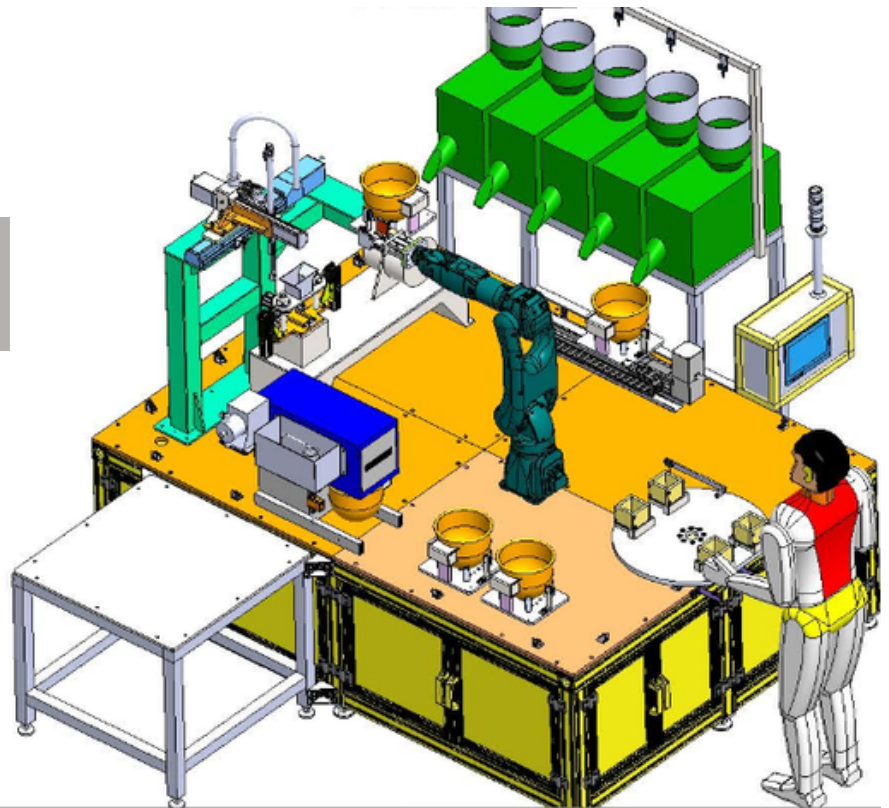
ARTIFICIAL INTELLIGENCE BASED AUTOMATIC ADMIXTURE DOZER

- Maintains the workability of concrete in your Transit Mixers
- Reduces rejects and losses to near zero
- Online Data monitoring and management
- Priority based Security & Alerts
- User friendly operating environment.
- Improves consistency in product monitoring parameters.
- Provide Smart features Keeps Operator Updated
- Smart Display Touch screen
- Provides Gps Location Live Truck tracking system .
- Provides Alarms/Alerts for Concrete Strength.
- Live Data Tracking Of vehicle speed,Halts,Start,Stop engine.
- Provides Reports of No of running hr of Vehicle , No of Dose,No of trips & better data storage
- Three level password protection.



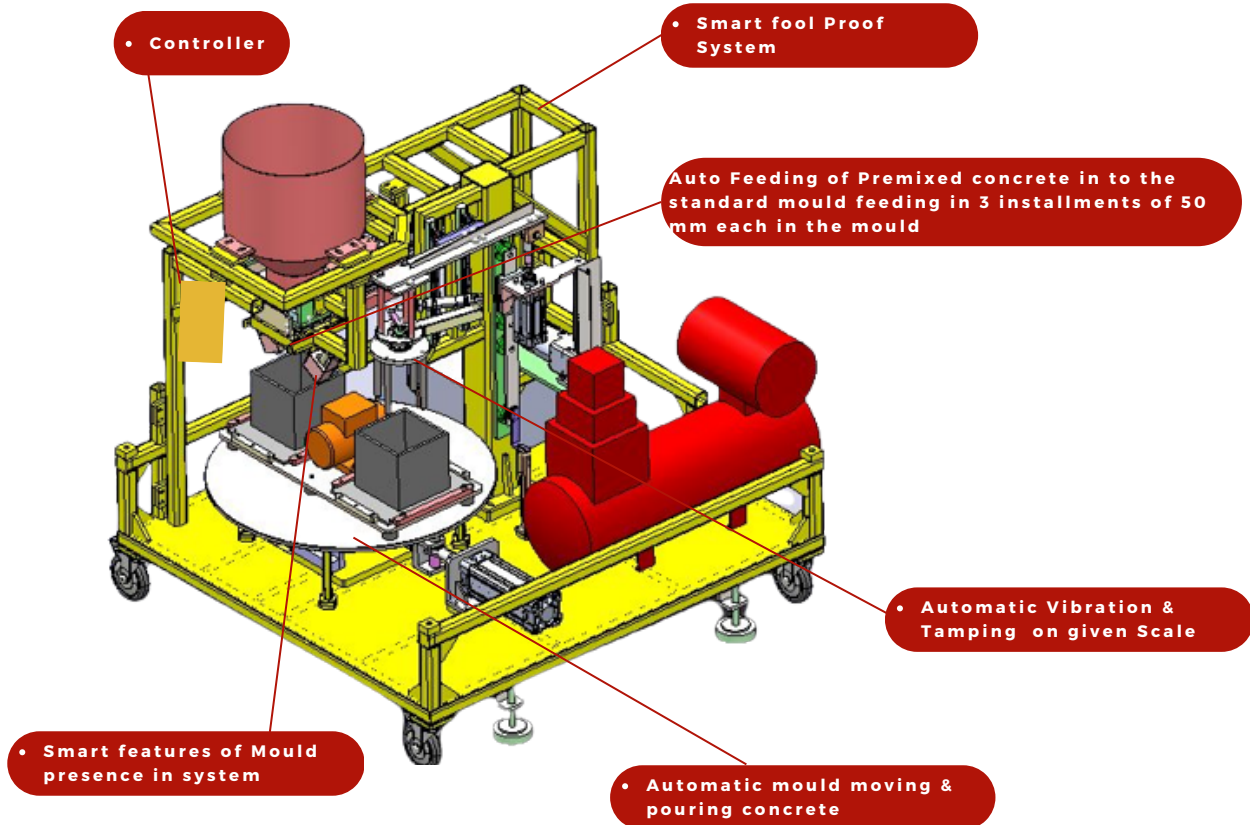
ROBOTIC PHYSICAL LAB AUTOMATION

- Robotic Physical Lab is designed to produce the standard cubes with standard manufacturing processes outlined by ISO and International standards by JANYUTECH.
- Complete automated Lab is capable of Mixing Cement,Sand,Water & Pour into Mould automatic with the help of robotic arm.
- All this process is with exact measurement of qty of each individual concrete material. System is capable of making Concrete cube with accurate Mixing,Tamping without any error.
- More safer with less manpower.



Robotic Applications in an Ready Mix Concrete(RMC)

ROBOTIC RMC CUBE MAKER



Key Benefits

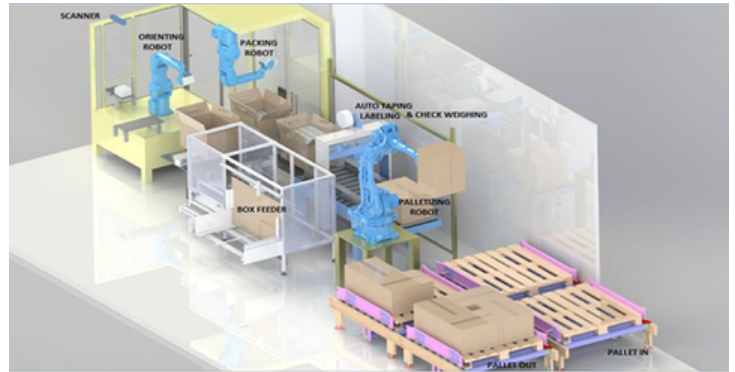
- No additional apparatus required
- Only single operator required.
- Consistent results
- Saves time & labour Charges



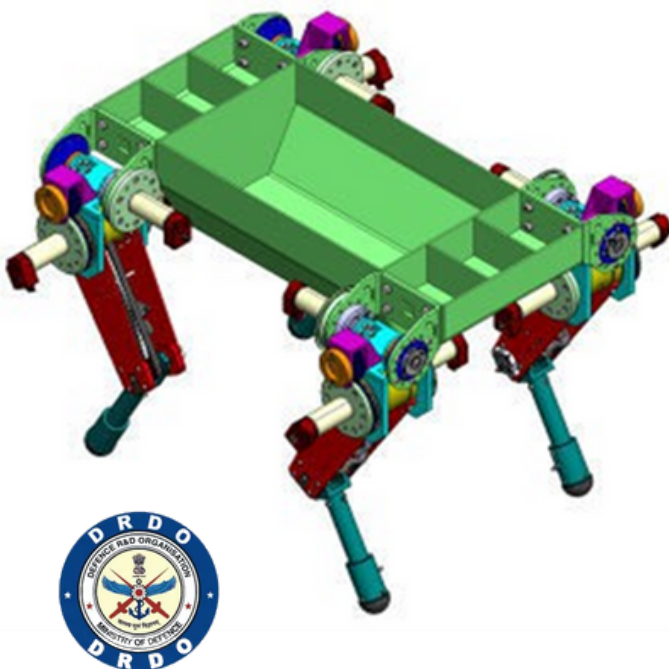
Robotic Automation

INDUSTRIAL AUTOMATION

Packing and Palletizing
Automation Line using Robots for
secondaryPackaging in Granules
India Ltd.



DEFENCE QUADRUPED



DRDO intended to develop a Quadruped robotic system (QRS-1) as test platform for technology demonstration of mobility over unstructured terrain. Janyu technologies with its robotics development background has the capabilities & the business interest to associate gladly on this development & supply the Quadruped robotic system. The platform will be used to mount different kinds of payloads. The platform consists of a torso module and four modular 3 degree of freedom legs for achieving mobility over different terrains.

Sr. No	Description	Application No.	Current status
1	TradeMark JANYUTECH	3863117	Certificate received
2	TradeMark JANYUTECH	3863118	Certificate received
3	TradeMark JANYUTECH	3863119	Certificate received
4	KARA	3863120	In process
5	KARA	3863121	Abandoned
6	KARA	3863122	Certificate received
7	TRadeMark Medi-Doot		No info
8	Sludge Cleaning Remotely Operabe Vehicle	201821035089	Awaiting request for examination. Form 18 to be filed on/before 18/09/2022
9	Sludge Cleaning Remotely Operabe Vehicle (PCT)	PCT/IN2019/050682	National phase entry pending
10	All Terrain Robotic Unmmaned Ground Combat Vehicle	201921027066	Filed
11	A ULTRA VIOLET (UV) DISINFECTION DEVICE	202021024289	Application Not Yet Published
12	A device for contactless Supply of an Item	202021022973	Application Not Yet Published
13	A device for contactless Supply of an Item (PCT)	PCT/IB2021/053572	PCT Not yet applied
14	Robotic Applications in an Ready Mix Concrete(RMC)	-	Applied patent
15	Robotic Physical Lab Automation	-	Applied patent
16	Robotic RMC Cube Maker	-	Applied patent



FY 2021- 22

For the fiscal year 2021-22, Janyutech has generated a turnover of 9.45 crore, RAAS Model getting great response from across the industry in Automation as well as services sector. 100% growth over corresponding year.

FY 2020 - 21

For the fiscal year 2020-21, Janyutech has generated a turnover of 4.51 crore, representing a 65 percent YoY increase and a compounded growth rate of 99 percent over the previous three years. Despite COVID's lockout for a large portion of this fiscal year, this is the case.

Highlights of last year's turnover include:

- Owens Corning India Pvt Ltd awarded and executed a 2.40 crore deal, Janyu's first order in the Factory Automation industry. After integrating the operations of Automation & Control Technology Pte, a Singapore-based automation company that had completed more than 100 projects internationally, this was made possible.
- Winning and implementing a new solar panel cleaning robotic arm for Azure Power (the first of its type in India).

EVENTS



ARMY DESIGN
BUREAU

9TH DEC-15TH
DEC

UGV EXPERIMENT

The Indian Army held the first-of-its-kind Unmanned Ground Vehicle (UGV) experiment, providing the local industry an opportunity to showcase its capability.

The service was on the lookout for UGVs to assist infantry troops in high-altitude areas such as Ladakh with surveillance, tactical reconnaissance, targeting enemy positions, delivering critical supplies, and carrying out rapid evacuations. The UGV should also be able to operate in varied terrain conditions, including deserts, plains, mountainous and high-altitude areas, existing along our borders.



DEFENCE EXPO
2022

18TH OCT- 21TH OCT



EVENTS



STARTUP MSME CONCLAVE 2022

22TH DEC - 23TH DEC



The event was provide a unique opportunity for start-ups to interact with leading industry experts and venture capitalists. It will also help them understand the nuances of starting and running a successful business. The conclave was have an exclusive Inaugural Session in which myriad eminent speakers from their respective domains of entrepreneurship & startups will be sharing their views on various themes.

VCET INTERNSHIP PROGRAM FOR STUDENTS

MAHE - JANYU ROBOTIC CENTER OF EXCELLENCE IS ESTABLISHED AT MANIPAL MAHE

24TH DEC



JANYUTECH has a proposal to establish Robotic Training Centres for Robot Operators across the industrial Hubs in India

- Operator interface
- Mobility or locomotion
- Manipulators & Effectors
- Programming
- Sensing & Perception
- Short term Certificate Courses to be conducted jointly

WWW.JANYUTECH.COM

Saturday Talks



Mr. Satish Betadpur ji
"Introduction to Cryptocurrency"



Dr. Vasudevan Gnanagandhi ji
"Experience of Mission Failures"



Dr. Seshadri Chari ji
"Mission Partition - The Untold Story of Sudan"



Shri. S. Parmeswaran ji
"Experiences on Shaping the Indian Space Program"



Dr. V. S. Hegde Ji
"Indian Space Applications "



Mr. Abhimanyu Raja ji
"Rational Decisions"



Dr. Mahesh Gaur ji
"Financial Engineering"



Shri. R Thyagarajan ji
"The Other Side of You "



Cmd. Dr. Anil Rana ji
"Armed Forces Training and its relevance in the civil world"



Dr. Arvind Singh ji
"Intro to Material Science: Macro to Nano"



Mr. Satish Betadpur ji
" Cryptocurrency Post Budget 2022"



Lt. General Saha ji
"Life On edge"



Mr. Venkateswran Arunachalam ji
"Transnational Business - Leveraging engineering knowledge in niche segments"



Mr. Mandar Bhanushe ji
"India's Contribution to Science & Technology"



Mr. Harish Pathak ji
"Self Development for a fulfilling Career"



Shri. Ambarish Phadnavis ji
"Evolution of Biotechnology"



Mr. Chinmay D Gavankar Ji
"The World of Machine Learning and Artificial Intelligence Simplified"



Shri. Anil Joshi ji
"Historic pride of Bharat -1"



Shri. Anil Joshi ji
"Historic pride of Bharat -2"



Shri.PD Mani ji
"Challenges of Adopting Robotic Applications in India"



Shri. K. Ponginan Ji
"ISRO Launch Base Challenges "



Shri. Chintamani Mahapatra ji
"Ukraine War: Fallout on India"



Shri. Bibhu Mishra ji
"Develop your Creative Muscles"



Mr. Rajesh Modgekar ji
"Working with NGOs - Requirements & Challenges"

JANYU TECH

Janyu Technologies Pvt Ltd

Unit No - 1,2, Dhuri Industrial Complex -1, Madhuvrinda
Phase-4 Waliv Phata, Sativali Rd Palghar, Dist, Vasai East,
Mumbai, Maharashtra 401208
+91 90228-11807

7770012260 | 8879049138

sales@janyutech.com

www.janyutech.com

