

# **SMART INDUSTRIAL SOLUTIONS**



The only answer to a innovation-driven Indian economy.

**AI / ML Based Smart  
Vision**

**Consulting Services**

**Special Purpose Machine  
Building**

**Learning workshops**

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## Our Services

- ✓ AI/ML Based Machine Vision Solutions
- ✓ Smart Technology Based Special Purpose Machine Building
- ✓ Reverse Engineering
- ✓ Business Consultation Services to Increase Profitability
- ✓ E-Learning Workshop at Knowledge Center



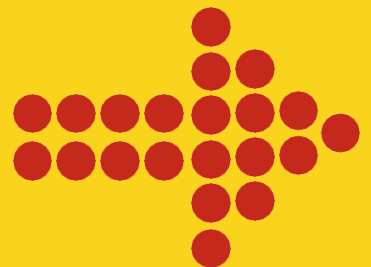
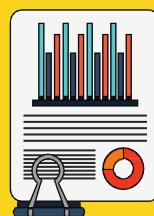
# Our portfolio of services.

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**Digital Transformation  
Smart Solutions**

**Industrial Automation Products for  
the Manufacturing Industries.**

We Help manufacturing sector  
in their Digital Journey by  
offering the easy to use  
solutions to get connected to  
the Technological Product  
Platform such as IoT , Machine  
Learning, Business Intelligence





# Smart Factories, Industry 4.0 & Industrial IoT Solutions



***Go digital.  
Open newer  
revenue  
opportunities.***

## AI / ML Based Machine Vision Inspection Systems

Using the latest Artificial Intelligence & Machine Learning based technologies, we can inspect, qualify and approve/reject any parts, components based on approved specs.



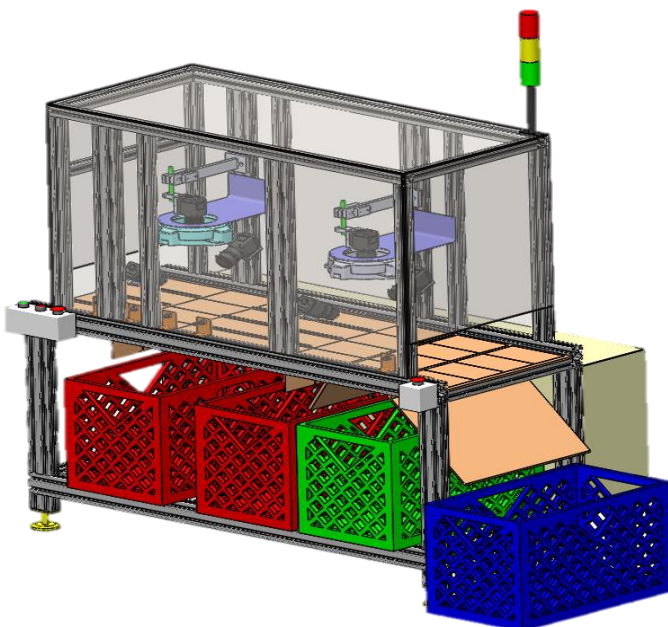
### **BENEFITS**

- ✓ Process your QC checks 80% faster Identify the micro damages
- ✓ Achieve higher accuracy with the part dimensions.
- ✓ Identify missing sub part components. Graphical results



### **VISUAL DEFECT INSPECTION**

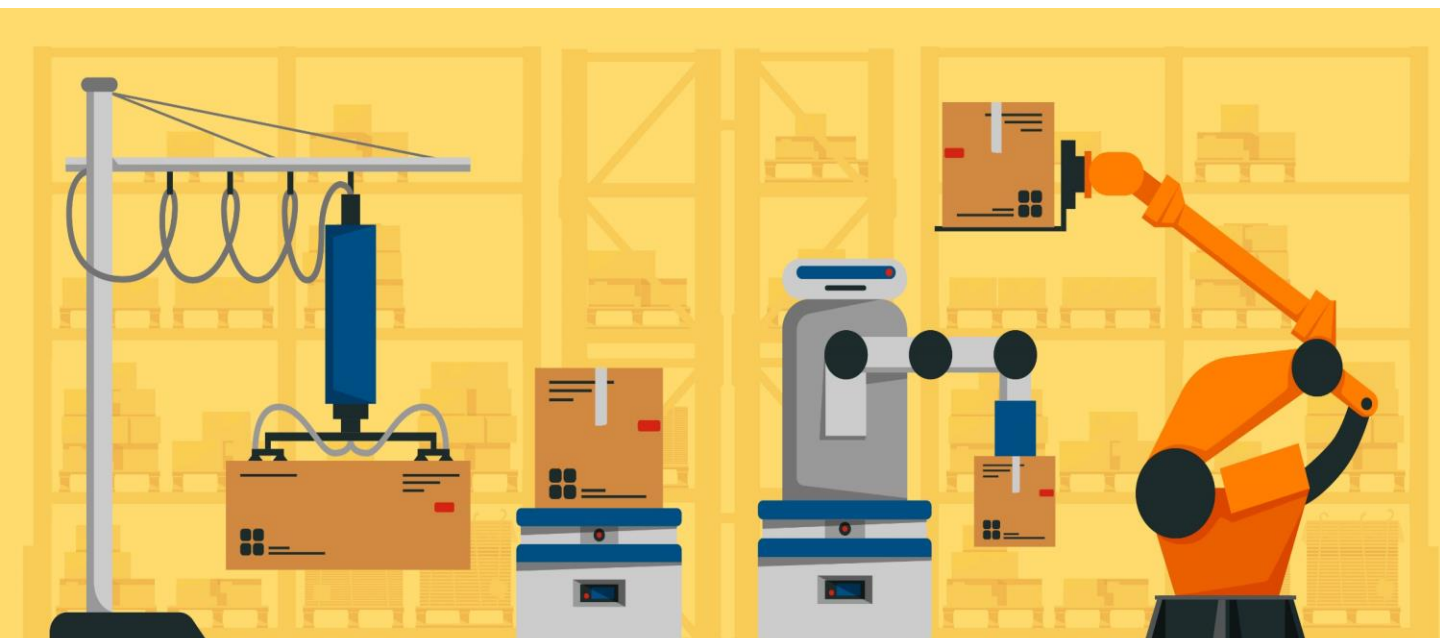
- ✓ Line scan based inspection. (Sheet metal etc)
- ✓ Defect Orientation (Surface defection to identify dents, scratches and wear)
- ✓ Cut edge detection & more



# AI / ML Based Machine Vision in Warehouse Automation

How Automation can help  
**Warehouse Sector** Post Lockdown  
Situation

We help Warehouse  
Sector by our Artificial  
Intelligence Based  
**Multiple Product  
Sorting** Solutions for  
improving Warehouse  
Productivity.



# AI / ML Based Machine Vision in Food Industry

How Automation can help **Food Industry** in Post Lockdown Situation

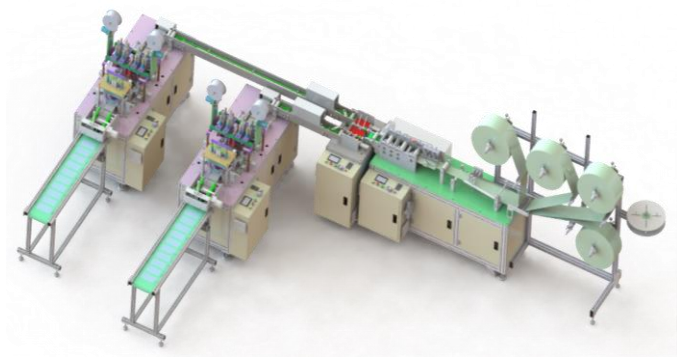
We help Food  
Manufacturing Sector by  
our Artificial Intelligence  
Based **Product  
Defect Sorting**  
Solutions for improving  
Productivity.



# SMART SOLUTIONS FOR COVID 19

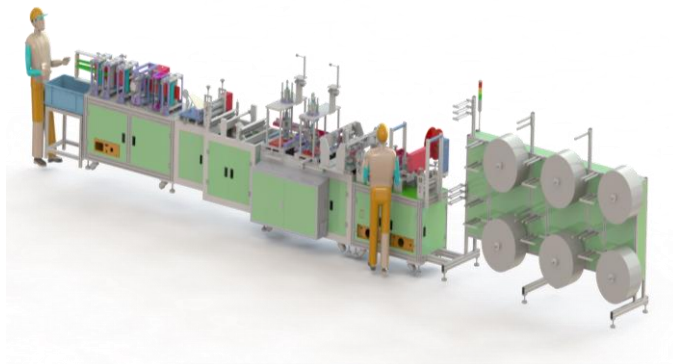
Automatic

## SURGICAL MASK MAKING MACHINE



Automatic

## N95-MASK MAKING MACHINE



**SMART ASSIST**



**SMART ASSIST**  
**Lite**



**SMART ASSIST**  
**Mini**



**SMART**  
**UV Tunnel**



# CONSULTING SERVICES



We help companies and businesses to overcome their challenges and difficulties that come in between the company's growth.

**We helps to increase company revenue and growth through smart technologies & solutions.**



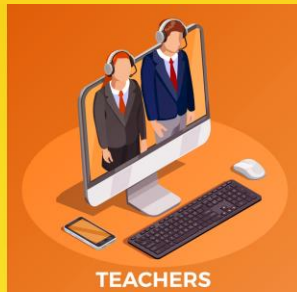


# E-LEARNING-WORKSHOPS

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ONLINE LIBRARY



TEACHERS



ONLINE LECTURE



VIDEO TUTORIAL

- Customized training programs as per the needs of the industry
- Tailor made industry segment wise training modules
- Business Oriented training programs

## WHAT WE ARE OFFERING?

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- Overview of Various Technologies Used in Manufacturing Sector
- What is SMART MANUFACTURING?
- Using AI / ML Technology
- How AI / ML Applications is Helping Manufacturing Sector

# WHY AVADHOOT AUTOMATION & AB PLASTOMECH?

While there are many. We'd just like to talk about a few.

Complete emphasis on engineering quality and design.

Our Solutions for Manufacturing sector empowers all the Stack holders "To Do more with Less". The Solution Components are based on Open standards where it can be interchanged easily.



Innovation and process excellence, always.

We are a Group of Techno-preneurs Thinking BIG to help the Manufacturing Sector by Evangelizing the New age Technology so that new world can be explored by them.



We are Startup in the field of Industrial IoT having more than 25+ Years of Industry experience.

We Help Indian Manufacturing Sector to Adopt Current technological revolution of Industrial Internet of Things (IIoT) and Industry 4.0 Our approach is to empower all the Stack Holders of the end user through Technology , so that they can do their Job Functions better.

# WHAT WE DO?



We believe that Industrial Automation Systems Data Need not be confined with in Automation Network. Instead it Should Interact with other systems to Provide Meaningful Insight.

We Help manufacturing sector in their Digital Journey by offering solutions to solve the Data Capture, Data Transport and Data Visualization on the Technological Product Platform such as IoT , Machine Learning, Business Intelligence etc.

We hand hold all the Stack holders of the Enterprise for their Digital Journey.

We help Manufacturing Industry, Technology System integrator and Technology Platform providers by connecting dots through our easy to use solutions.

**Get in touch with us to  
Understand more about  
what we do.**







# Our Association



**GIRISH AYYA**

An Automation Evangelist.



**Avadhoot Automation** is an Industrial IoT based solution company , helping Indian Manufacturing Industries to achieve Digital Transformation Journey through Artificial Intelligence, Machine Learning , Augmented Reality and Digitalization of Industrial Assets.



**BOOPATHI BADRAN**

An Innovator & Industrialist



**AB Plastomech** founded with a vision to empower the Indian Manufacturing sector with the power of Industrial Automation. Product Engineering, Product Innovation, Consulting, Smart Technology based Special Purpose Machines are our key expertise areas.





**SMART TECHNOLOGIES**  
...to increase productivity

**CONNECT WITH US  
FOR MORE DETAILS**



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**Joined hands to Digitalize Indian Industries**



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