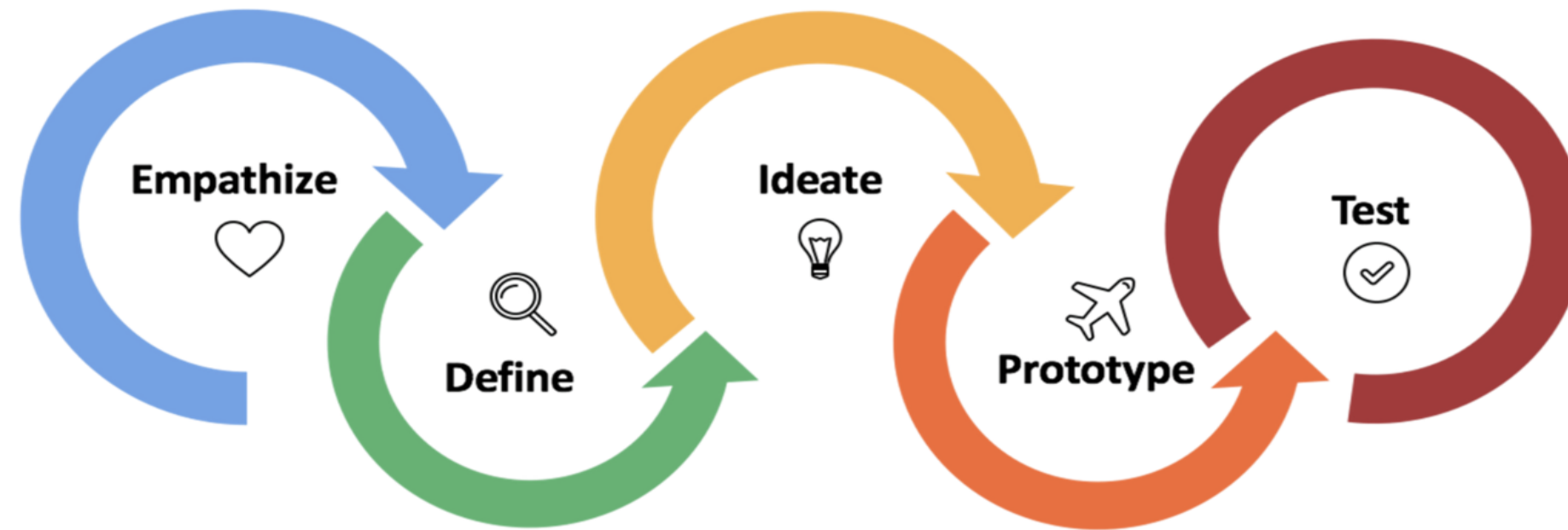


Design Thinking as a Catalyst



The Design Thinking Process

Empathy means:

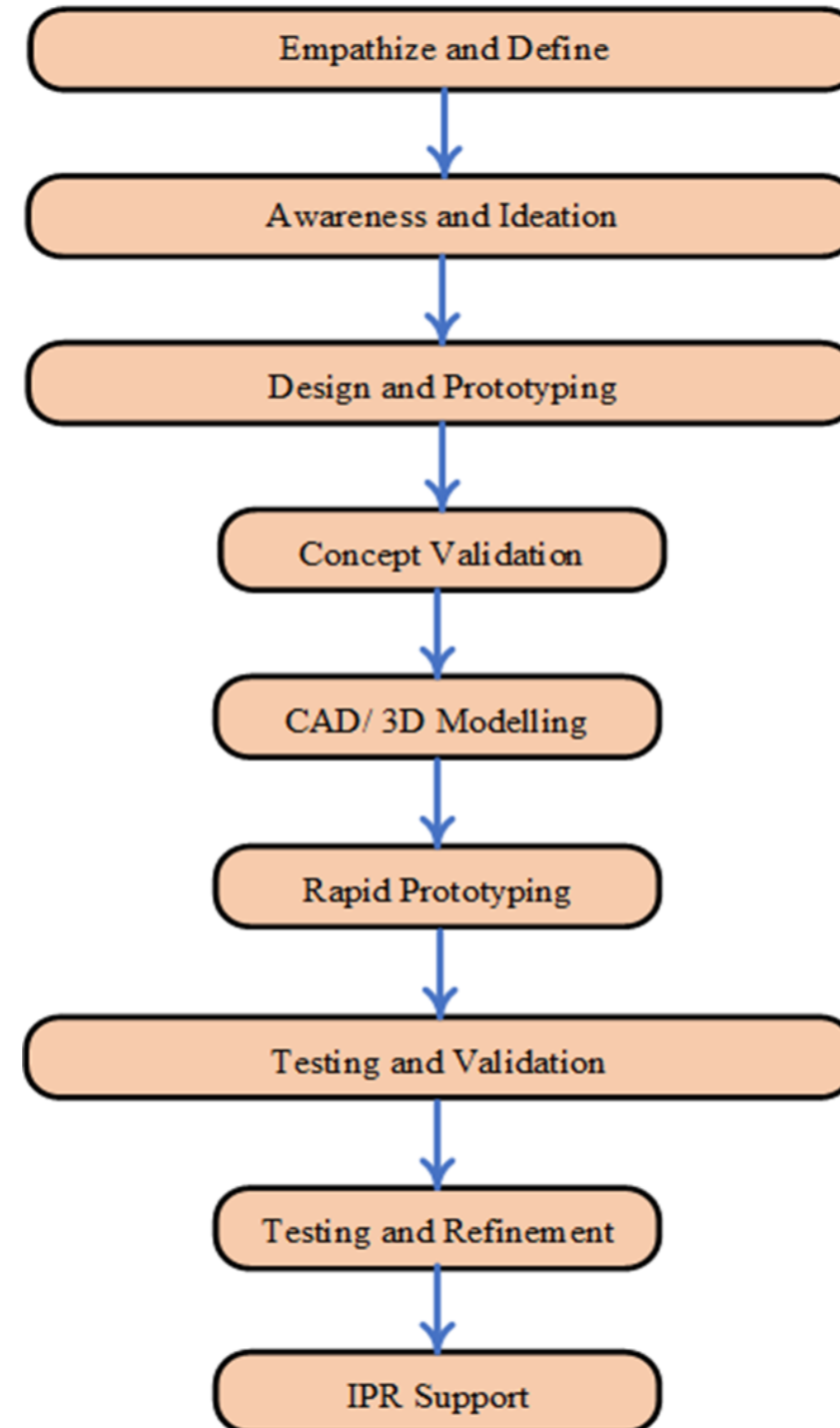
- ❖ Listening carefully to users.
- ❖ Understanding their challenges, emotions, and actual needs.
- ❖ Not just asking “What’s the problem?” but also asking “Why is it a problem for them?”

Design Thinking Benefits

- Solving Complex Problems with Human-Centric Approach.
- Reduce Risk of Failure.
- Improve Product Quality.
- Collaboration Across Multiple Disciplines.
- Boosts Customer/End-User Satisfaction.

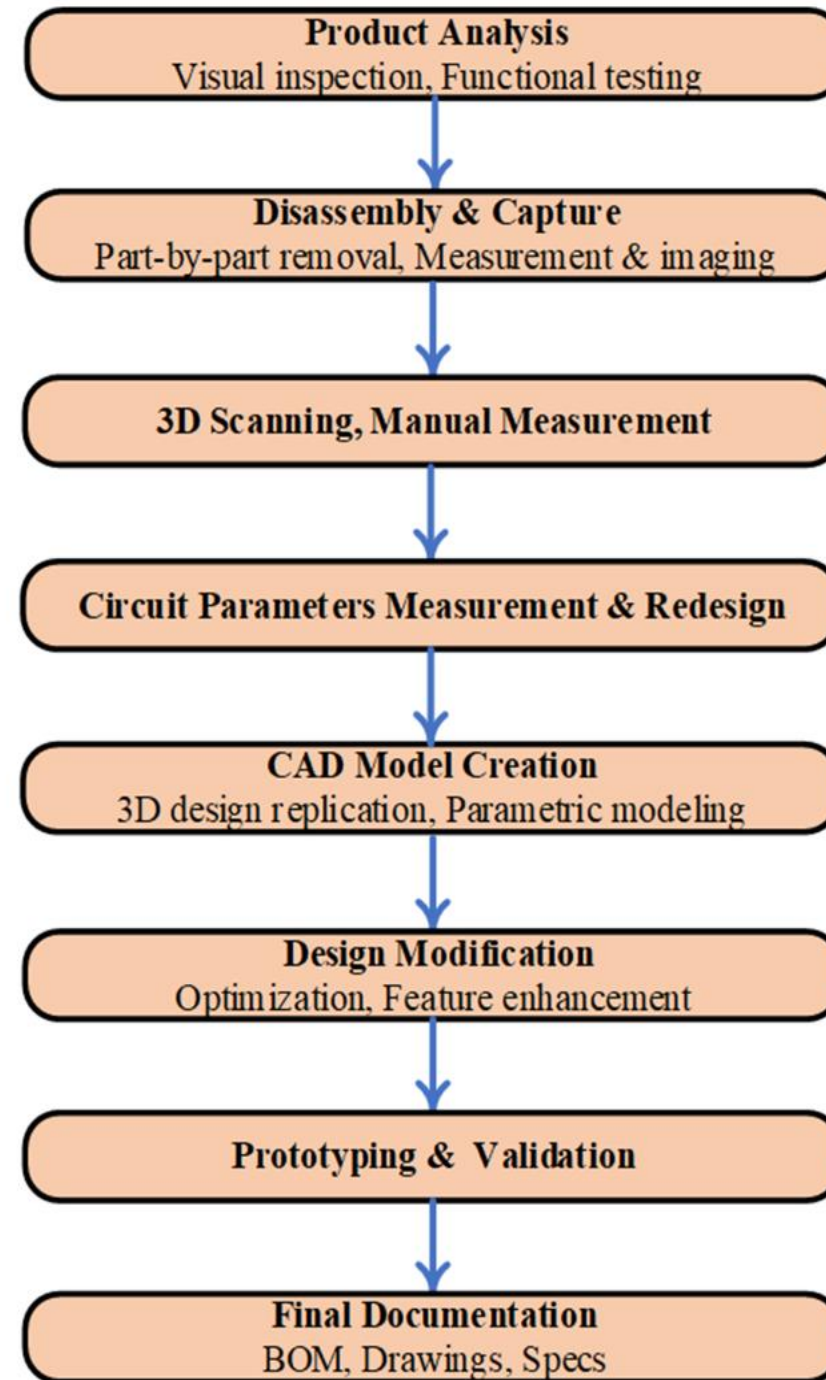


Product Development Cycle





Product Reverse Engineering Cycle





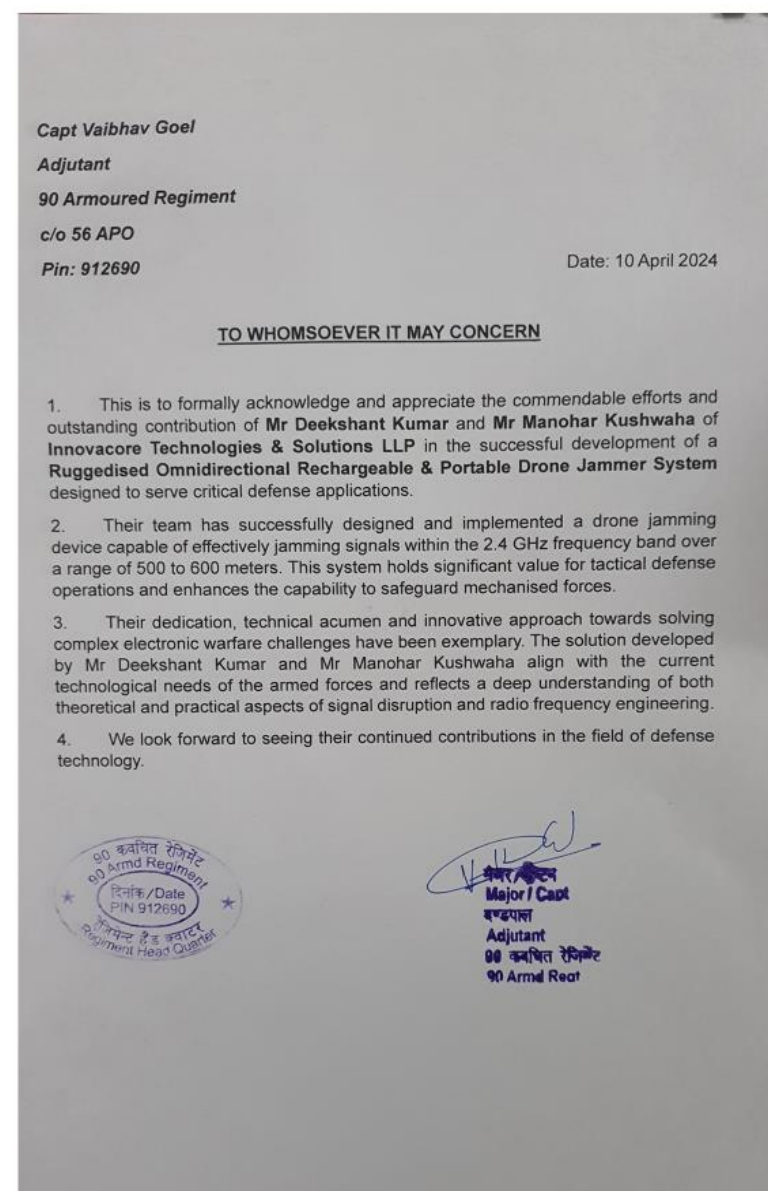
Some Case Studies

INNOVATIONS: Defense

KAVACH 1.0 is a high-power drone jammer. Engineered to provide superior protection against unauthorized drone incursions.



Advanced High-Power Drone Jammer



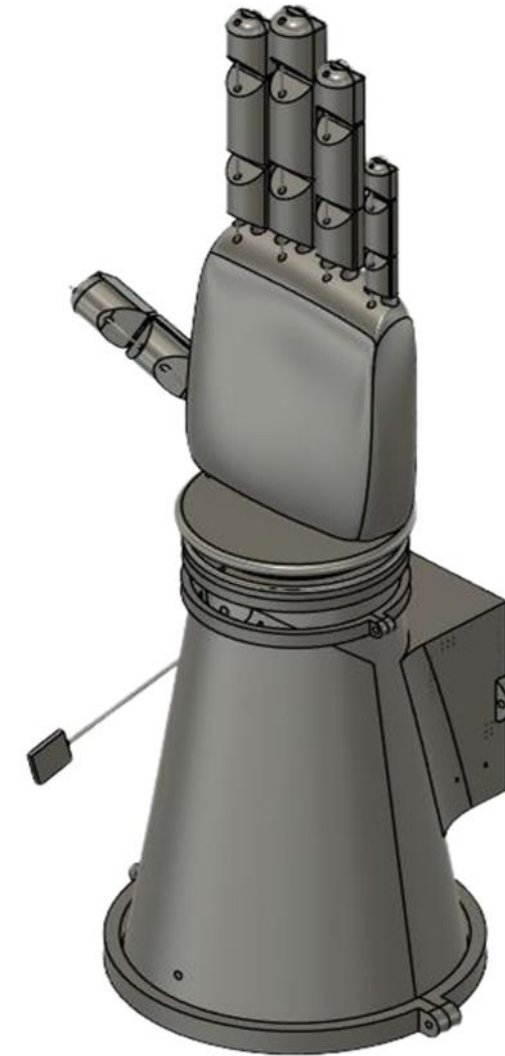


Some Case Studies

INNOVATIONS: Defense



PROSTHETIC LEG

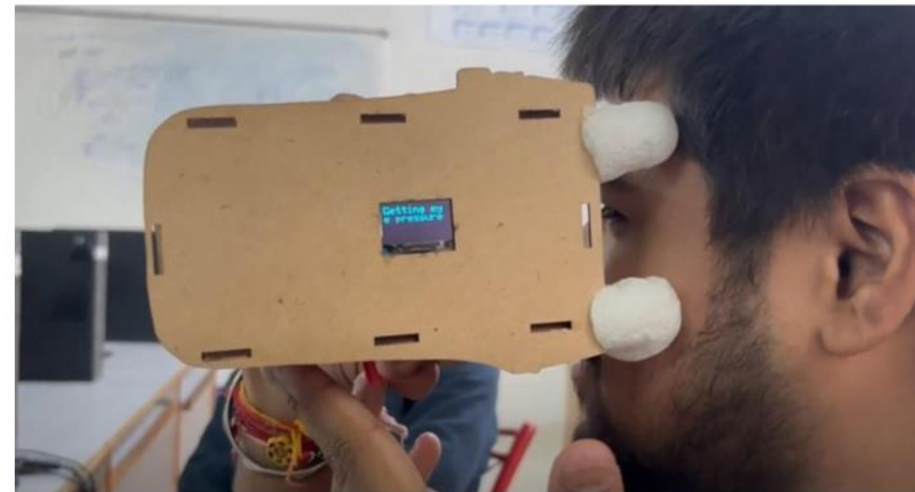
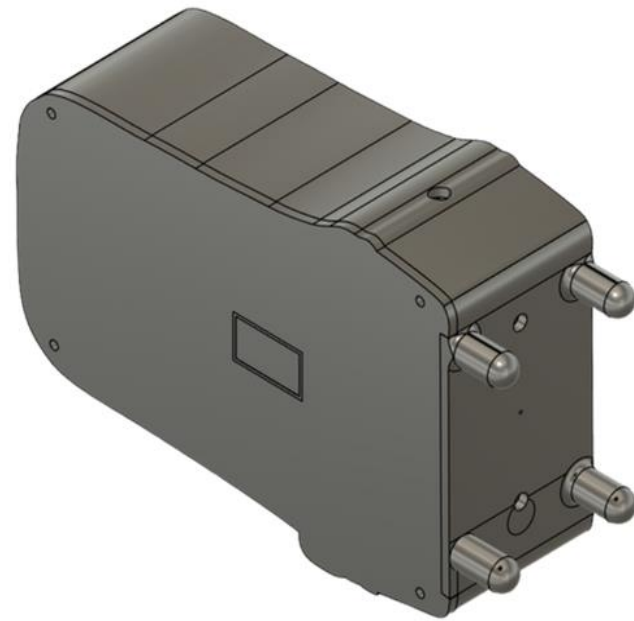


PROSTHETIC HAND



Some Case Studies

INNOVATIONS: Defense

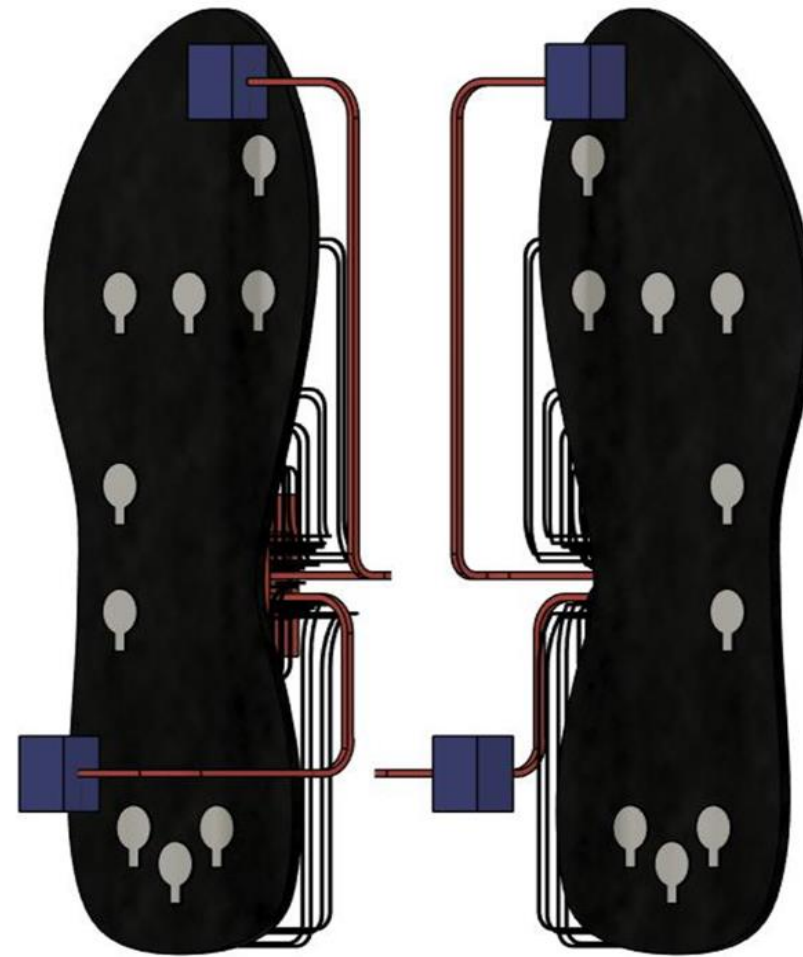


**SMART PORTABLE TONOMETER FOR
GLAUCOMA MONITORING**



Some Case Studies

INNOVATIONS: Defense



**DIGITAL FOOTWEAR TO
TRACK WALKING PATTERN**



*Industrial academia collaboration with CEL Sahibabad
for project consultancy*



Project : Develop windows system software interface to generate report from biometric data

Worth consultancy certificate of Rs 1 Lac received





RECOGNITIONS



GRANTS BY CENTRAL AND STATE GOVERNMENT

- MSME
- Start In UP
- MeitY Startup Hub
- AICTE YUKTI Innovation
- NITI Aayog
- and AICTE IDEA Lab

Till date, **₹2.5 Cr has been disbursed** to our startups in a Fiscal year, and one incubated venture has successfully raised **₹1.5 Cr** through **private investment**.

- **Section-8 Details:** U80902UP2018NPL166416
- **Incubation Centre Office – Lease**
Total Area- 13400 sq.ft



HEALTH CARE



AnV-Stat (A Homeostasis Formula based Gauze for First-Aid-Kit)

Vision & Mission:

- Innovation to enhance the quality of health care in the emergency condition and reduce further risk and fatality.

Innovative Features:

- Herbal Formulation in the form of Medicated Gauze
- Arrests bleeding in less time.
- Gauze with anti-microbial and anti-inflammatory properties.
- Easy to use, carry, and affordable.
- Suitable for emergency use in form of First-Aid

*Other Innovations in Basket: Topical Spray; Dusting powder





TECH BASED




**Welcome to
CYBER SHIELD**

Trusted by over 500 + Users. You're in safe hands with us

By proceeding, you accept Cyber Shield Agreement and Privacy Policy.

GET STARTED

Your Subscription renews unless canceled.




Dr. Subhash Rana, Founder & CEO here.

Employee Satisfaction Index "97%" (Employees are Happy & Fed. Proud)

Disrupt Project Started Building Out in MEERUT

PETUK JI (Food Ordering & Delivery Market Place)

"90%+" positive feedback from 100,000+ users like you. (Google, Amazon, Flipkart, etc.)

"Media Wants To" Talk About Us

"Social Responsibilities"

Few Interviews

Few Donations to support nation

For More Search: #one17_tech or #petuk_ji_food



THE ULTIMATE ANSWER TO YOUR PROBLEM
VANIJYA TECHNOLOGY

Vanijya Technology is an IT consulting startup currently incubated in the MIET incubation cell. We are working towards providing the data analytical solutions to the small and medium scale businesses. We helps businesses in monitoring their physical product and improve their customer service. We transform the raw data of companies into a wealth of information so that they get the information that is required to make rational decision.

[f](#) [in](#) [ig](#) [whatsapp](#) [m](#) /vanijya.tech




2:28 Afternoon null

PERPENNY YOUR GENIE

ENGINEER **PLUMBER**

Post Your Task
Take a seat, unwind, and let Perpenny do the rest

Add your Work

Get 25% off on platform fees with Super

Pick Up and Drop

Pick Up & Delivery

We deliver at your doorstep

Home



ELECTRIC VEHICLE



Real-time Car Voltage Monitor

14.8V
14.2V
13.8V
13.4V
12.8V
12.6V
12.4V
12.2V
<12V

Normal voltage range after car started
Normal voltage range before car started
Danger voltage range need to replace the battery

Eight Protection
Intelligent chip, security to prevent overcharge

- Overcharge Protection
- Overcurrent Protection
- Overvoltage Protection
- Overheat Protection
- Short Circuit Protection
- Reverse Polarity Protection
- Low Voltage Protection
- Temperature Protection

Widely compatible
Support fast charge protocol

Support: USB-C, USB-A, QC3.0, QC4.0, PD, PPS, FCV, SCP, etc.



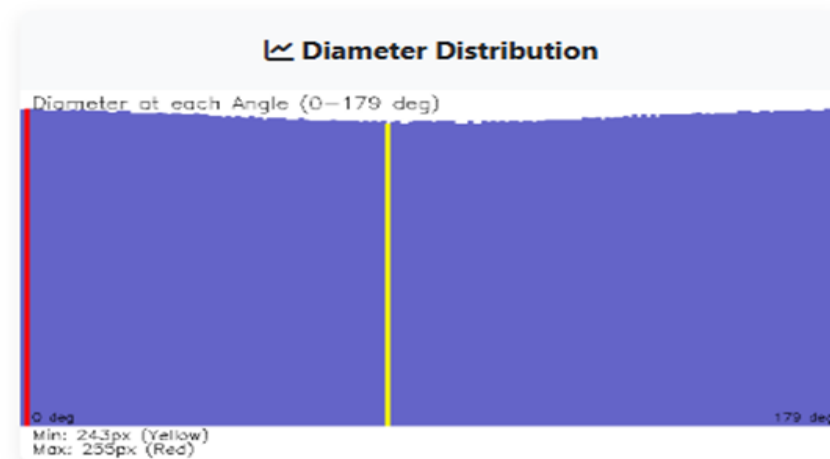
NOTABLE ACHIEVEMENTS





Software Development Cell, IPEC

Innovate.
Build. Empower.



View Raw Measurement Data

Angle (°)	Diameter (px)	Deviation
0	254	5.27
1	255	6.27
2	255	6.27
3	255	6.27
4	254	5.27

Application Examples

Our precision diameter analysis is used across various industries for quality control and research.



Microscopic Hole Inspection

Precision measurement of microscopic holes in manufacturing components.



Fiber Optic Quality Control

Diameter consistency analysis for optical fiber production.

Medical Devices

Medical Device Manufacturing

Precision measurement of catheter diameters and medical tubing.

Microvision Systems

Precision measurement solutions for industry and research

[About Us](#) [Technology](#) [Applications](#) [Support](#) [Contact](#)

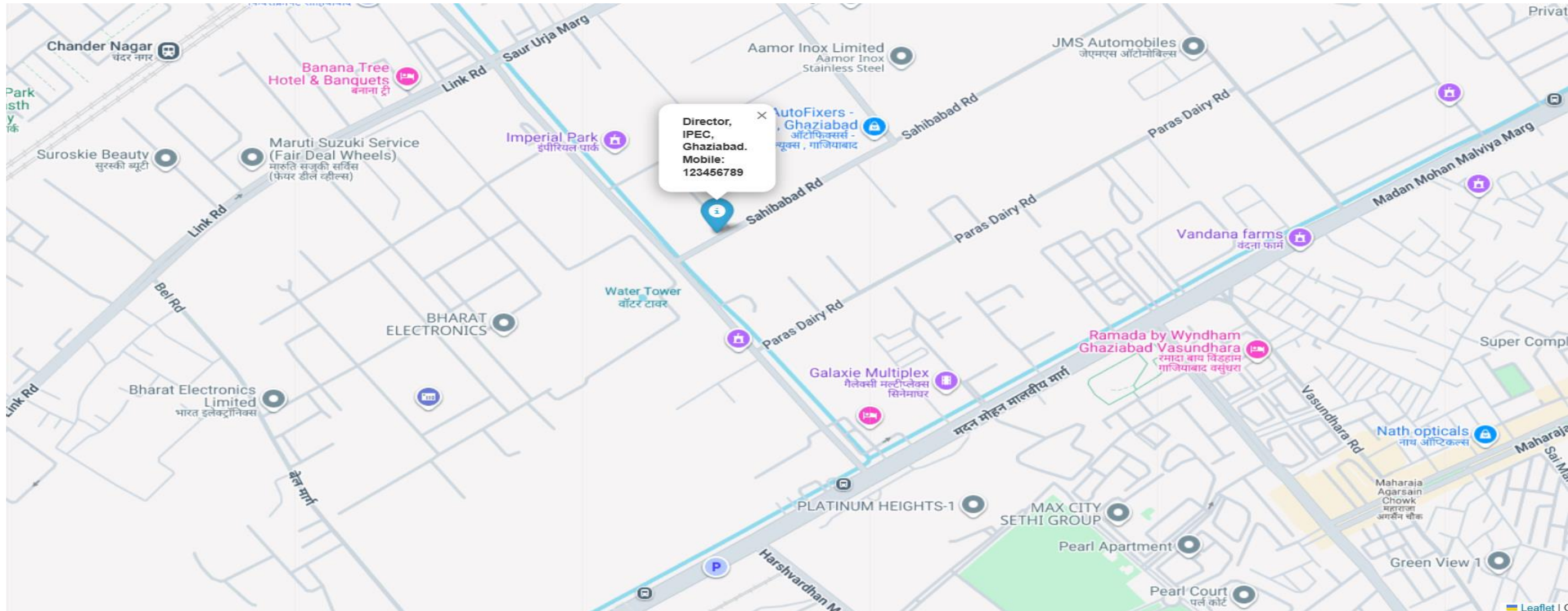
© 2023 Microvision Systems. All rights reserved.

**Industrial-grade compact vision device with integrated optics.
Automated anomaly detection and cloud-based reporting. Scalable
multi-part inspection for full production lines.**



Software Development Cell, IPEC

Innovate.
Build. Empower.



District AssetView – GIS-Based Unified Government Asset Mapping and Monitoring Platform
Ideal for district administrations, municipalities, rural development, and public works departments.
Useful for health centers, schools, utilities, water bodies, and infrastructure mapping.
Scalable as a state-level asset governance and monitoring platform.



Software Development Cell, IPEC

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Build. Empower.



SolarDash [Home](#) [Calculator](#) [Coverage](#) [Resources](#) [Contact](#) [Log In](#) [Sign Up](#)

Manual Input

Enter Area

Select Unit


Markup % (optional)

Electricity rate (₹/kWh)

[Calculate from Manual Input](#)

Map-Based Input

Draw your roof area directly on the map for precise measurements.



[Calculate from Drawn Area](#)

Actual Area 1020.68 m²	Usable Area 714.47 m²	System Capacity 71.45 kW	Base Cost ₹3572370	Final Cost ₹3572370
Daily Generation 285.79 kWh	Yearly Savings ₹730192.52	Payback Period 4.89 years	CO ₂ Reduction 85.54 tonnes/year	

My AI SolarPanel Consultant – Satellite-Based Rooftop Solar Potential & ROI Estimation Platform



Our Strengths

Research and Innovation Facilities



MIET, Meerut: 100+ PhD Faculties in engineering domain

- ❖ Atal Community Innovation Center (ACIC), Supported by NITI Ayog, Gov. of India.
- ❖ Institution's Innovation Council (IIC) , Supported Ministry of Education, Gov. of India.
- ❖ Idea Development, Evaluation and Application (IDEA) Lab, Supported by AICTE.
- ❖ Software Development Center (SDC).
- ❖ 14 Center of Excellence (IOT, Texas Instruments, Honeywell, AIMA Biz Lab, Data Science, Cyber Security, Wipro, IBM, SAP University Alliances, Microsoft Azure, AWS Intel, UI Path, C and Python, Sales Force).



Our Strengths

Research and Innovation Facilities



IPEC, Ghaziabad: 40+ PhD Faculties in engineering domain

❖ Institution's Innovation Council (IIC) , Supported by Ministry of Education, Gov. of India.

❖ Idea Development, Evaluation and Application (IDEA) Lab, Supported by AICTE.

❖ 3 Centre of Excellence (Block Chain, Robotics & Drone, Analog & Digital VLSI design)

❖ Software Development Center (SDC).

❖ AI project "Best award winner" in "Higher education Use case contest" by Google India.

❖ AI idea challenge UP contest 2nd position (prize Rs.41000)

❖ Navomesh final round - Five projects selected (2nd highest in UP)

❖ 6 Startup funded projects under MeitY's Genesis scheme.

