

# SUPEROEUTICALS

E N G I N E E R I N G      H E A L T H C A R E

## SC-AN

A Biophysical – Biochemical Analysis System



Quality healthcare for all  
Supported by AIC IIT Delhi

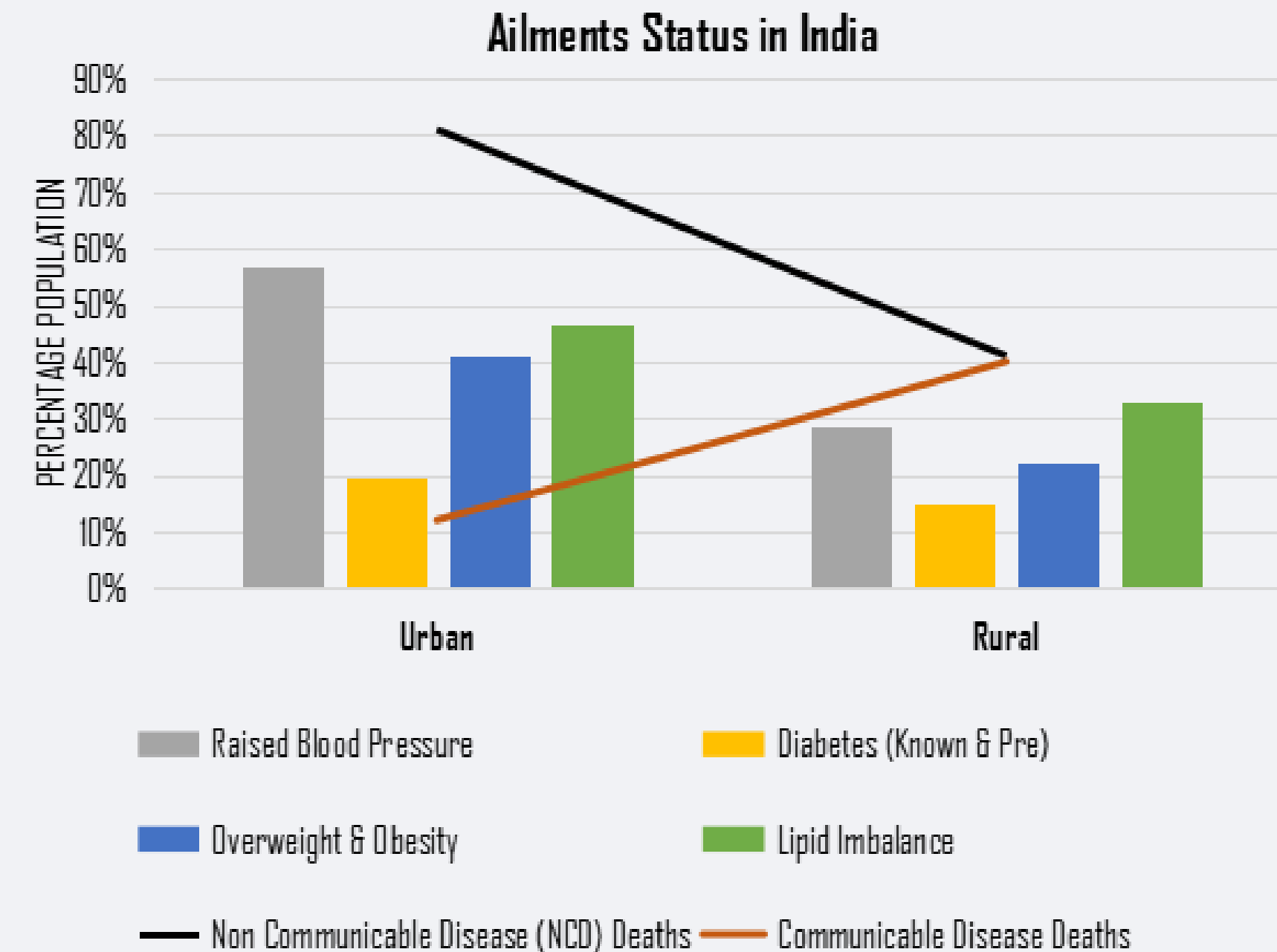
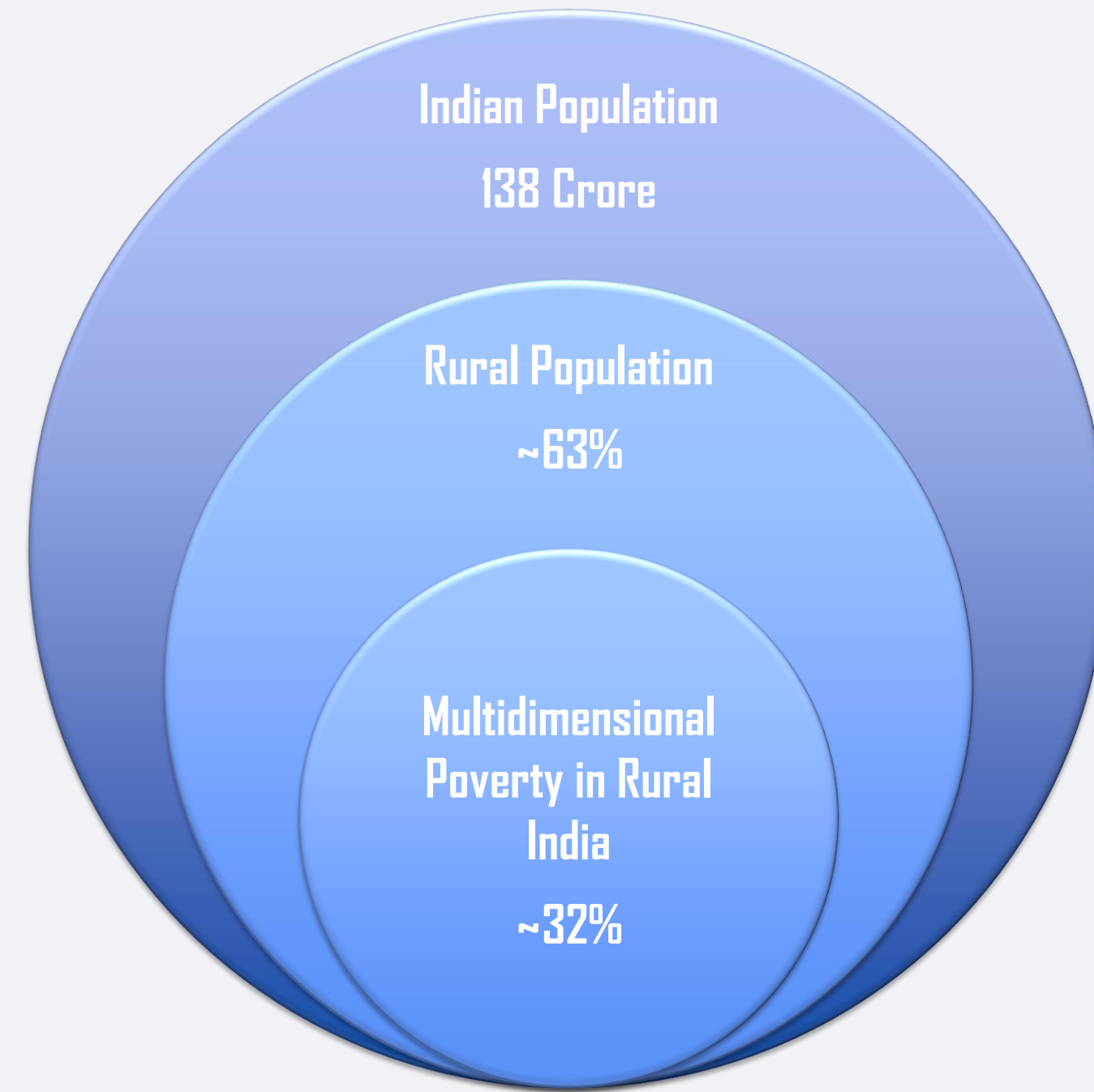


# Need For Change

## The Indian Healthcare Problem

Quality Healthcare is one of the fundamental human necessities and right but not everyone is having ready access to it.

India which makes up 17 percent of world's population faces a significant disease burden. More than 10 million people die in India every year of which more than 70% can be attributed to delay & lack of competent diagnosis and information.



At the high end, India has world class hospitals, professionals and infrastructure that attracts international medical tourists in growing numbers. However, even today, majority of our population has no easy access to the basic healthcare facilities. Most of the population fails to take preventive measures on time because of delay in diagnosis.

# A system to compliment current facilities is required



# The Bulk Dilemma

## Challenges at Rural Level



Diverse challenges require a holistic system

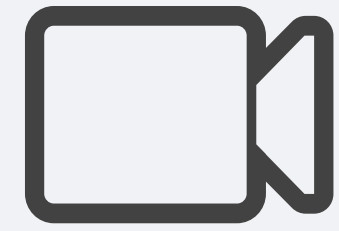


# Healthcare for everyone

Our Offering

## ALL INCLUSIVE HEALTH KIOSK

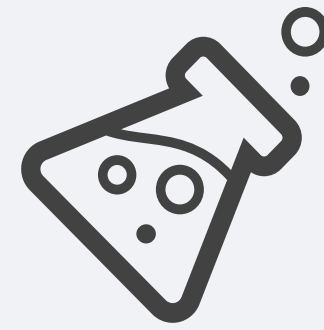
Consultation & Diagnosis



**Live  
Consultation**



**Instant  
Prescriptions**



**Practically Instant  
Diagnostics**



**Time  
Saving**



**Pathologist  
Verified Reports**



**Cost  
Saving**



**Cloud  
Storage**



**Nationally &  
Internationally  
Certified**

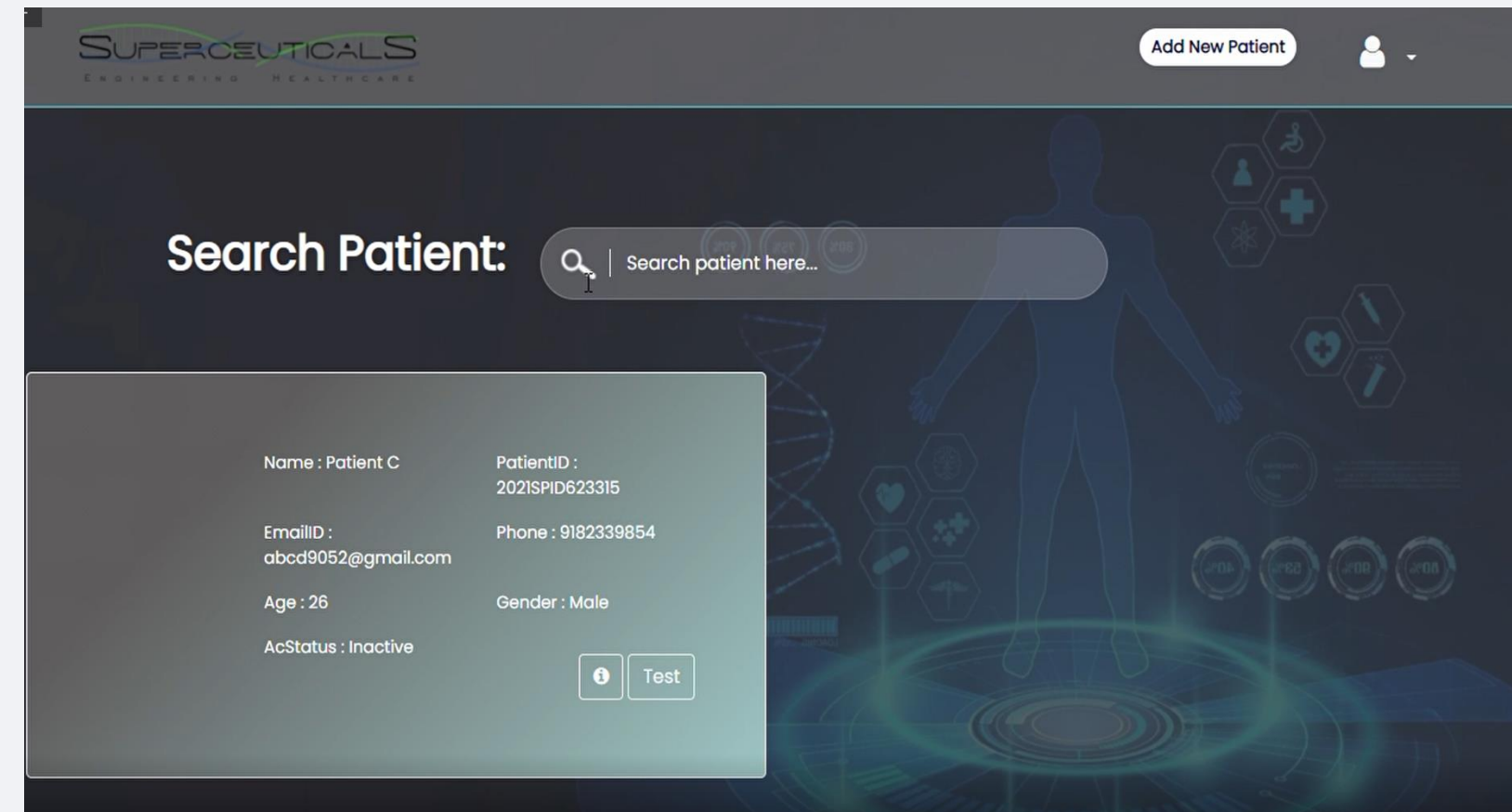


One of a kind system that is rural ready



# The Walkthrough

## Snapshots



**SUPERCEUTICALS** ENGINEERING HEALTHCARE

Plot No.28, Muliahera, Old Delhi Gurgaon Road, Gurgaon, Haryana 122022.

Name: admin    Patient ID: SC2IH000007    Gender: Male  
 Place: goa    Age: 25    A/c Status: Active  
 Lab No.: 123    Ref By: vinutha    Time: 12:51:58  
 Date: 26/08/2021

Test Category	Test Name	Results	Units	Bio. Ref. interval
Cardiac	D Dimer	1	ng/mL	≤500

**Interpretation**

D - Dimer	Reference Range (Ng/ml)
Normal	< 500
High	> 500

1. D - Dimer is a fibrin degradation product, a small fragment of protein present in blood after a blood clot is degraded by fibrinolysis. D - Dimer is increased in deep venous thrombosis (DVT), pulmonary embolism (PE) or disseminated intravascular coagulation (DIC). In cases of high D - Dimer result further testing for DVT and PE should be performed - mainly including radiological tests.  
 2. Negative D - Dimer report virtually rules out thromboembolism.  
 3. Fake positive readings can be due to various causes: liver disease, high rheumatoid factor, inflammation, malignancy, trauma, pregnancy, recent surgery as well as advanced age.

**Note:**

- Degree of D-dimer increase does not definitely correlate with the clinical severity of associated disease state.
- Increased levels have a high probability of Venous thromboembolism (VTE) and require clinical correlation.
- Lipemia falsely decreases D-dimer levels.

**Comments**

D-Dimer is one of the measurable by-products of activation of the fibrinolytic system. It assesses fibrinolytic activation and intravascular thrombosis. D-dimer assays are characteristic for Disseminated Intravascular Coagulation (DIC) as this test demonstrates simultaneous presence of thrombin and plasmin formation. It can also be elevated in individuals with large vessel thrombosis, soft tissue hematomas, Pulmonary embolism, recent surgery, active or recent bleeding, pregnancy, liver disease, malignancy and hyper-coagulable states. D-Dimer is of particular value in excluding the diagnosis of venous thromboembolism among patients at high risk.

**IMPORTANT INSTRUCTIONS**

- Test results pertain to specimen submitted
- All test results are dependent on the quality of sample received
- Investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the referring physician
- The courts of Delhi shall have exclusive jurisdiction in all disputes/claims concerning test(s) and/or result of test(s)
- Certain tests may require further testing at additional costs for derivation of exact value
- Report delivery may be delayed due to unforeseen conditions
- Test results may show inter/intra laboratory variations
- Test results are not valid for medico legal purposes.

Signature

-----End Of Test-----

In case the results are unexpected or alarming, the patient is advised to contact the lab immediately for possible remedial action.  
 \* एक कदम स्वस्थ भारत की ओर \*

Simple and effective software to minimize learning curve

# The Inauguration

By the PM himself



# The Walkthrough



## Demonstrations



Sh PK Mishra  
Principal Secretary to the PM



Sh. Dr. Mansukh Mandaviya  
Minister of Health



Department of  
Science and Technology



Sh. Punya Salila Srivastava  
Add. Secretary, PMO



Sh. AK Tiwari  
Member Technology, DOT



Brigadier Bedi  
Ministry of Defence



Government of  
Philippines



Lft Gen. Ponnappa  
Signals

# The Walkthrough

## Demonstrations



Sh Hasan Mushriff  
Minister of Rural Development, MH



PHC Ladiwali



Hospital Mahoba



Shimla Village Health Centre



PHC Matiyana



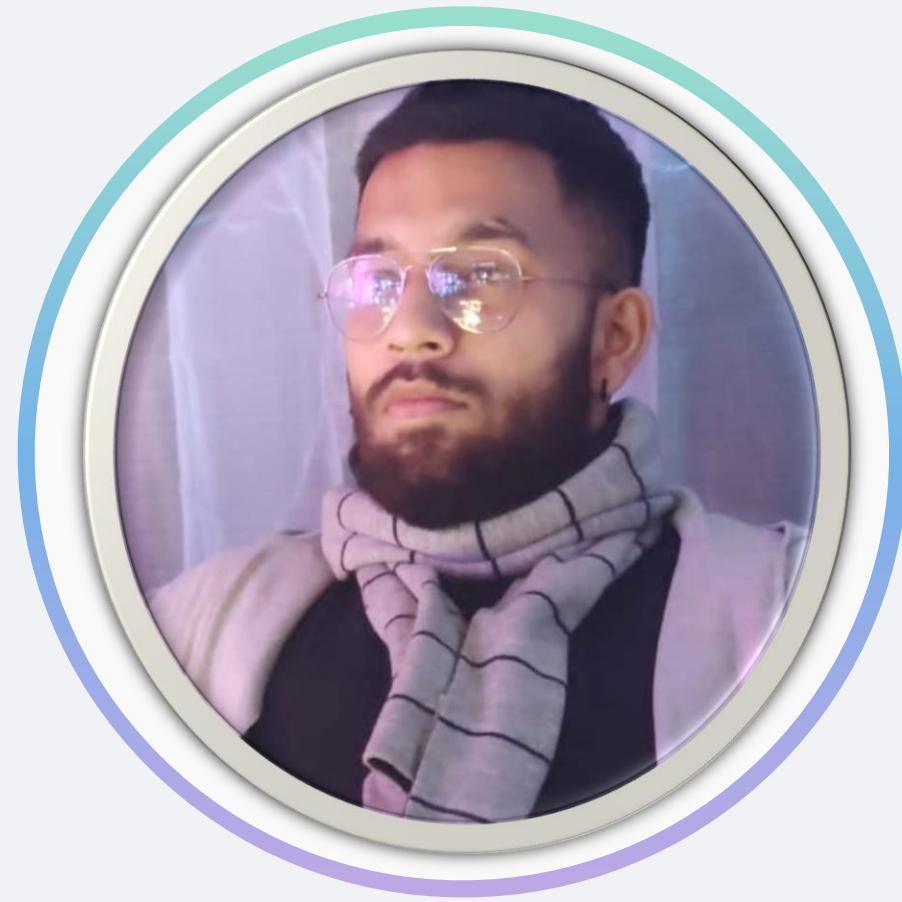
CDOT





# Making It Happen

## The Team



**Jadon**  
Atman

He is a biochemist, with experience in operations, research and product management.



**Singh**  
Rrachnna

She is a business veteran with experience in marketing, sales and operations.



**Bhattacharjee**  
Chandan

He is a veteran electrical engineer with experience in leadership and in sales.



**Dr. Kaur**  
Rupinder

She is an MD, MBBS and an ex - IPS with a large experience in rural India and medicine.



# Making It Happen

## The Team



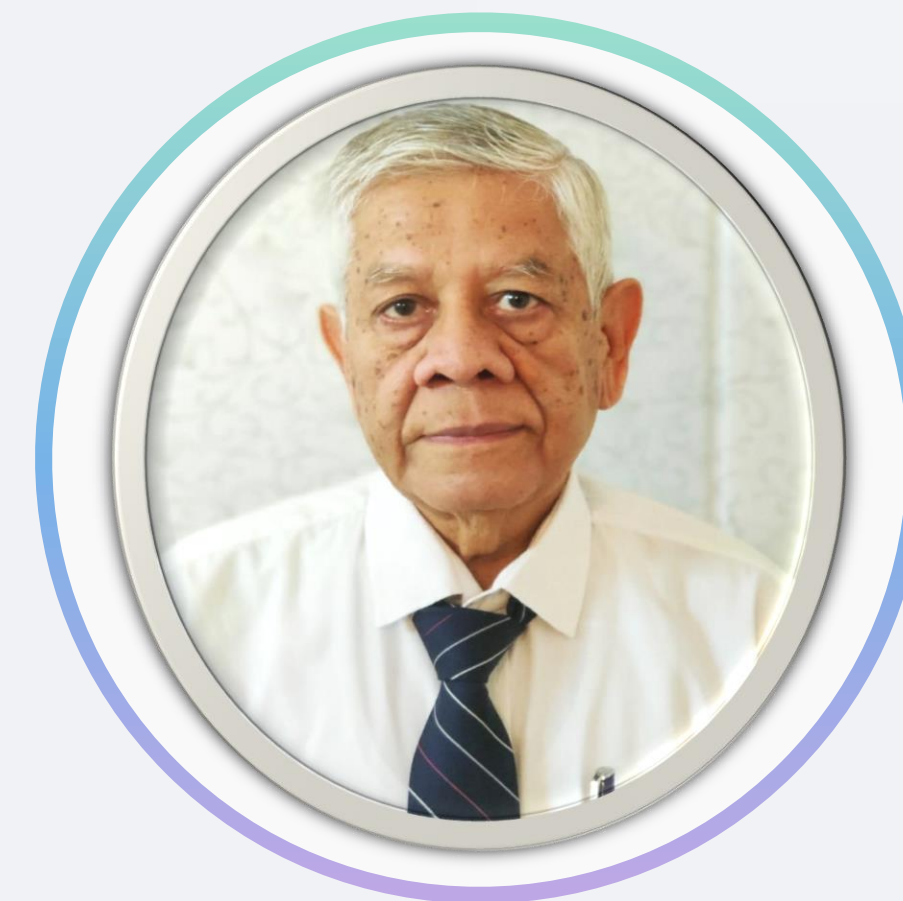
**Singh**  
Siddharth

He is a software engineer with large knowledge in Python and ML.



**Watts**  
Dev

He is a software engineer, specializing in development and UI/UX.



**Kumar**  
Vijay

He is a gold medalist IITian in mechanical engineering with a rich experience in machine design.



**Singh**  
Rekha

She is an administration veteran, social worker and an academic.



**Thank  
You!**

