



**IIC-IPR**

# **In House Technologies For Licensing**





# HEALTH: In-House Technologies – Ready for Commercialization

Developed by SSSIHL Faculty, these innovations are now poised for startup ventures



## COVID-19 Detection Kit

ICMR-approved, rapid and reliable testing solution.



## Ultra-Sensitive Cardiac Troponin Diagnostic Device

SPCE-based platform for early detection of cardiac events.



## Perinatal Depression Diagnostic Device

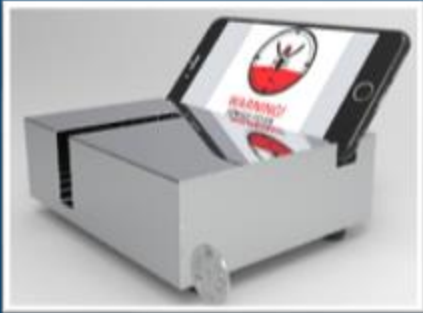
Developed by STAR Laboratory for early and rapid detection of perinatal depression in women.





# HEALTH: In-House Technologies – Ready for Commercialization

Developed by SSSIHL Faculty, these innovations are now poised for startup ventures



## Dengue Detection Device

Rapid, high-sensitivity detection for early diagnosis and treatment planning



## Neonatal Jaundice Screening Device

Non-invasive, early detection tool for timely intervention in newborns





# Food and Nutrition

Existing Innovations of Host Institute



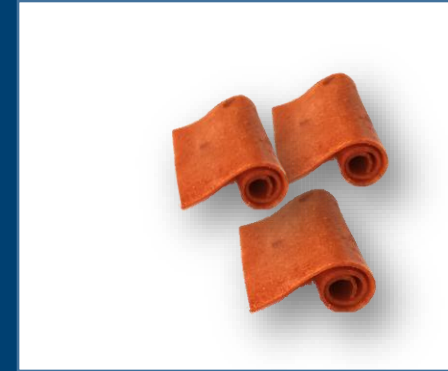
Spiced Tomato Aloe Beverages



Floral Tea Infusions



Jamun Crisplets



Fruit Twirls

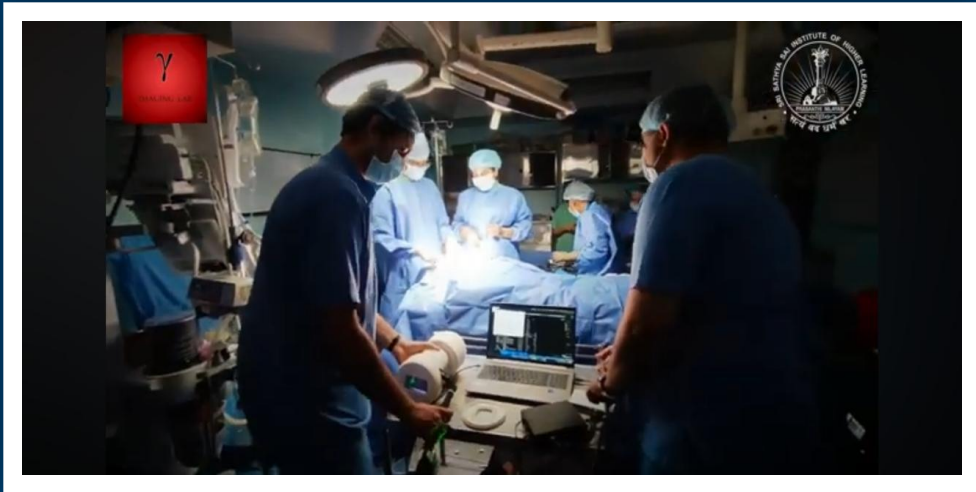
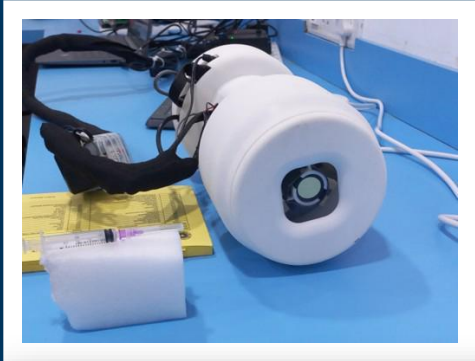


Millet Meal Box



# HEALTH: Small Organ Imaging Gamma Camera (SAI- GC)

Developed by SSSIHL Faculty, these innovations are now poised for startup ventures



- Innovative Approach: Integration of Nuclear imaging and Fluorescence imaging for real-time lymph node navigation, aiding accurate tumor detection.
- 100% clinical trial success: At HCG, Bengaluru (Dr. Vishal Rao)
- Cost Effective and scalable: The device is ten times cheaper than existing imaging systems.
- Compact: Its compactness and affordability can revolutionize cancer surgery by reducing operative time and improve outcomes

**Health: In-House Technologies – Ready for Commercialization**





# HEALTH: AMRx® - Advanced, Culture-free, AI/ML based UTI diagnostic tool

Developed by SSSIHL Faculty, these innovations are now poised for startup ventures



- **BIRAC (PACE-CRS) funded project**
- **Technology transferred to SCIINV Biosciences Pvt Ltd**

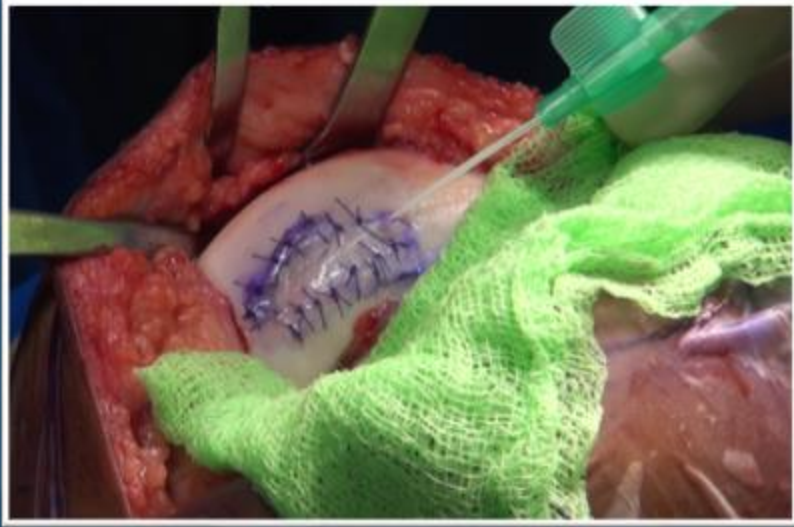
- 93% Accuracy in UTI prediction, Organism and Antibiotic Susceptibility of 14 antibiotics
- Clinically Validated using 8000 patients data
- Economic Times – Best Healthcare Technology 2024
- Business World – Best Healthcare excellence award 2024
- Top 100 AI early movers of 2024 – Microsoft coffee book
- HYSEA 10X startup Award - 2025



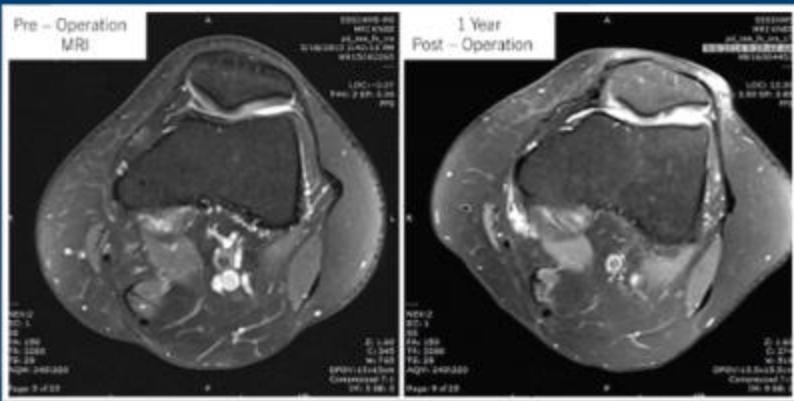


# HEALTH: Autologous Chondrocyte Implantation

Developed by SSSIHL Faculty, these innovations are now poised for startup ventures



In the field of regenerative medicine, our scientists in collaboration with the clinicians at our hospital developed Autologous chondrocyte Implantation technique to repair and regenerate Osteochondral defects of the human knee.



1. SSSIHL funded project (100%)
2. Fully functional, Pain free, Mobility restored

