



Annai Violet Arts & Science College

(Affiliated to the University of Madras, Co-Ed | NAAC Reaccredited)

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INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

Kindly join us for the
Virtual Workshop
on



“Prototype/Process Design and Development-Prototyping”

on 22.04.2022 Friday at 10.00 am

Organized by

AVASC-IIC in association with IQAC

 <https://youtu.be/DRMSvA2wGN4>



Resource person

Dr. B. Shanthini

Professor and Head
Department of CSE and IT
St.Peter's Institute of Higher Education & Research
Avadi, Chennai.

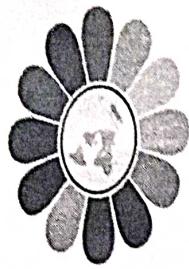
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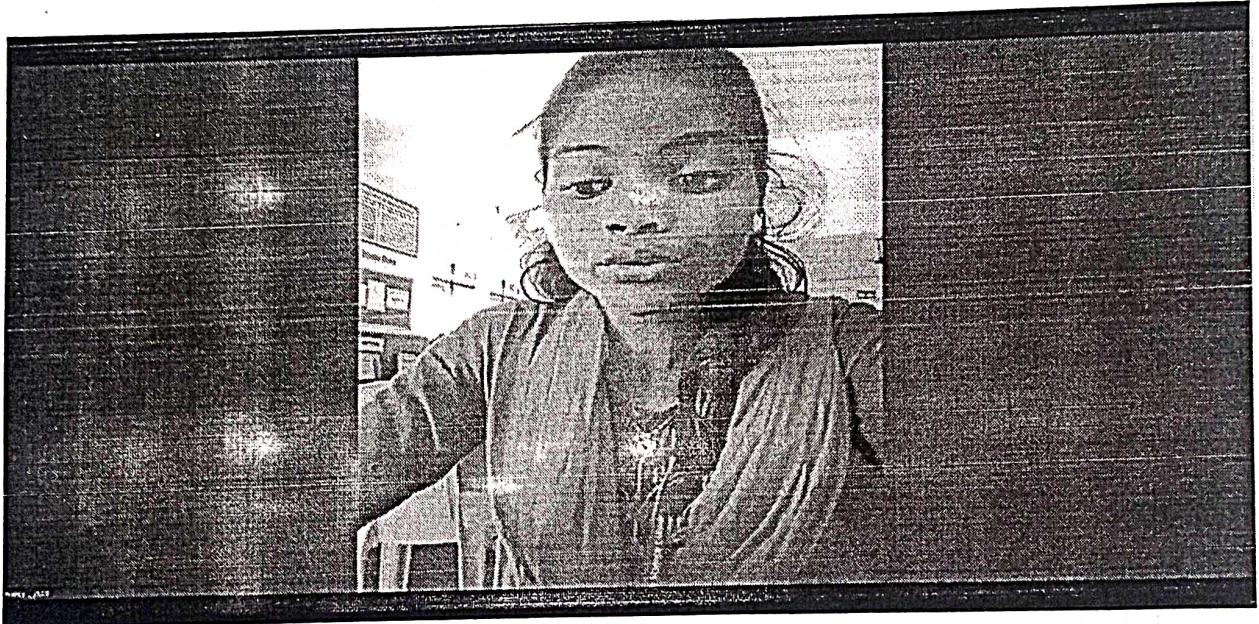


EVENT ORGANISED REPORT – (2021-2022)

Name of the Department/ Club	IQAC, Institution's Innovation Council & Department of Business Administration
Name of the Convenor	Dr. P. Thyriyalakshmi
Name of the Event Organized	Virtual Workshop
Title of the Event	Prototype/ Process Design and Development-Prototyping
Date of the Event Organized	22/04/2022
Designation/ Class of the Participants	Faculty Members and Students
No. of Participants / Viewers	63
Name of the Experts with Designation	Dr. Shanthini B, Professor & Head, department of CSE and IT, St. Peter's institute of Higher Education & Research, Chennai.
Objective of the Event	To enlighten students with the multiple aspects of Internet of Things and its role in today's operation of the world.
Description of the Event	On 22 nd April 2022, IQAC and IIC in association with the Department of Business Administration organized a Virtual Workshop on "Prototype/ Process Design and Development-Prototyping". Ms. Princy, Moderator for the session began the workshop by calling forth the college choir team. Followed by the invocation, she presented the welcome address. Chief Guest introduction was done by Mr. Nanda Kumar M of III B. Com

	<p>AF. At this point, the resource person of the day, Dr. Shanthini B began the session by defining Internet of Things (IoT). In the forthcoming segments of the session, she had touched widely upon the role of internet down the years for various purposes. She continued to mention that the way Internet of Things have become an integral part of our life. She heighted that in the recent times, through digitalization every possible communication and transaction was applied smart ways using internet. At the end of the session she encouraged students to do projects based on Internet of Things. She even shared some of the projects done by the students at her institution.</p>
Outcome of the Event	<p>The participants were very pleased with the session and the vast knowledge they gained out of it. They were also given and shown ways to exhibit their knowledge through useful means and thereby benefitting others too.</p>

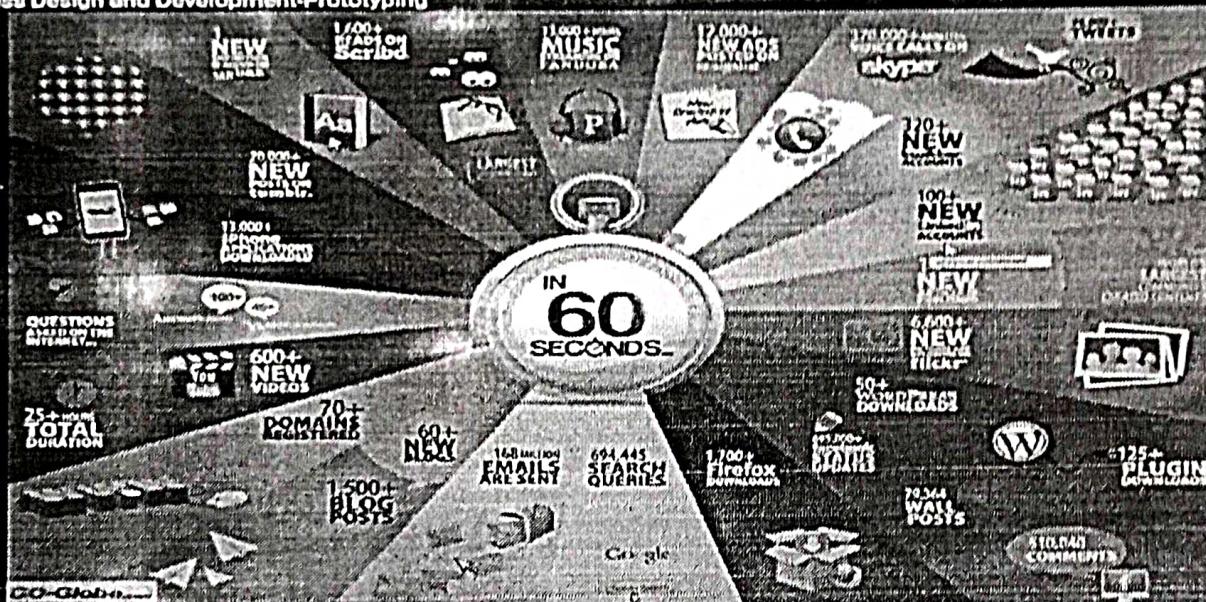
Photo Gallery



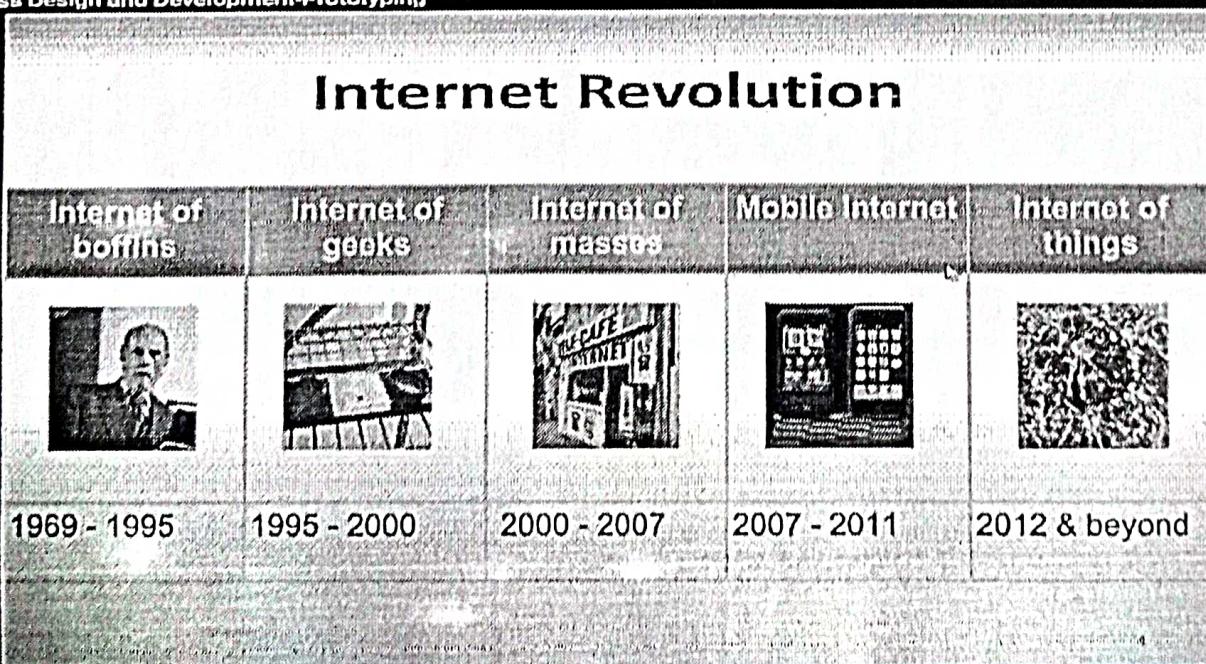
Prototype/Process Design and Development-Prototyping



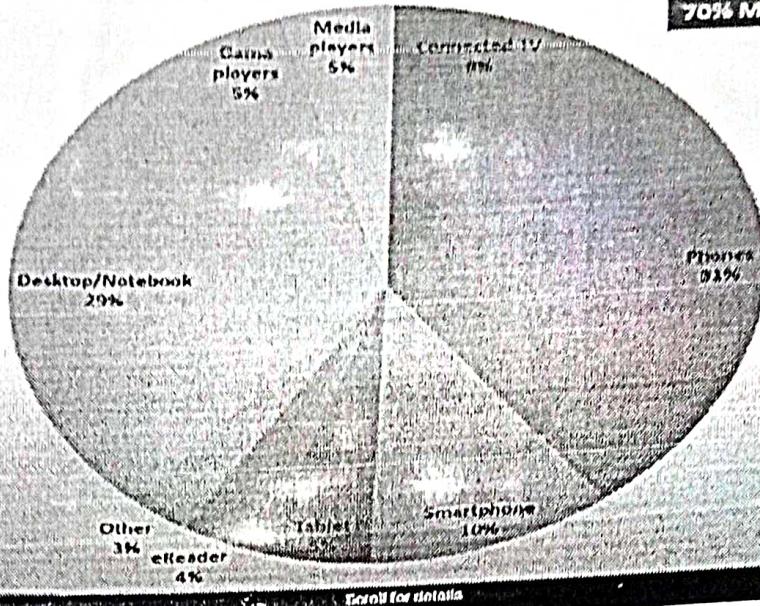
Prototype/Process Design and Development-Prototyping



Prototype/Process Design and Development-Prototyping



Connected World



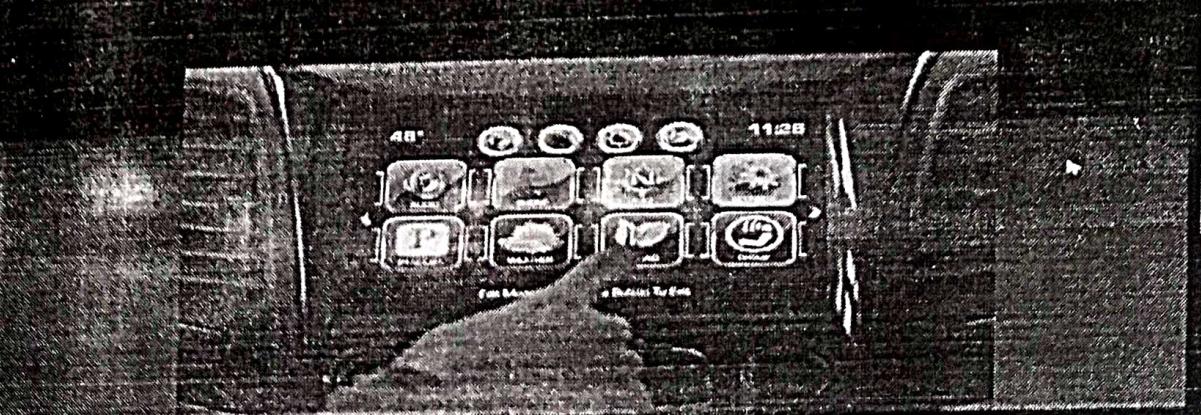
Connected TVs Bring An Explosion Of Content



Web browsing, social networking, video-on-demand, video streaming in addition to regular television content.

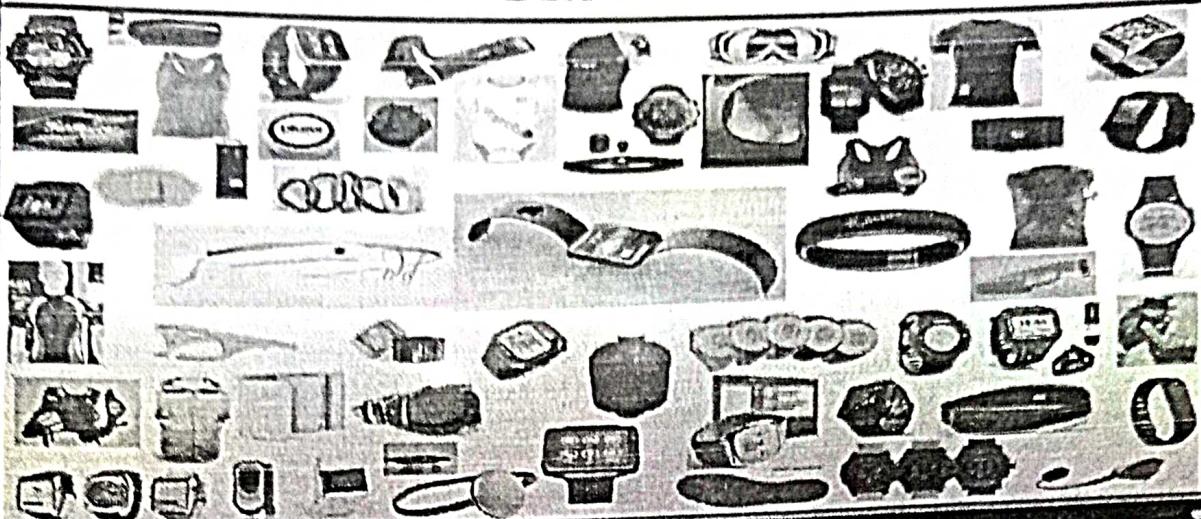
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Connected Cars



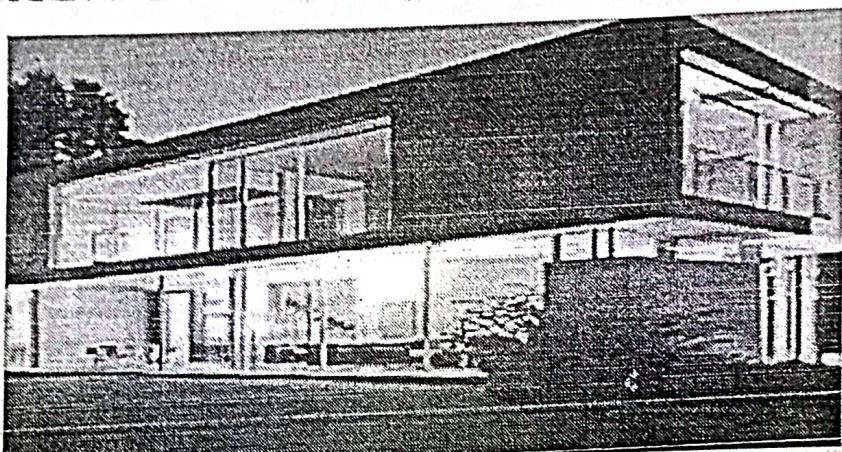
Equipped with Internet access through wireless LAN
Music, navigation, roadside assist, calls, parking apps, car diagnosis

Wearables



Scroll for details

Internet of Things-Smart Homes



Centralized control of electrical devices, entertainment systems, security systems, plant watering, pet feeding, changing the ambiance "scenes" for different events and use of domestic robots

Scroll for details

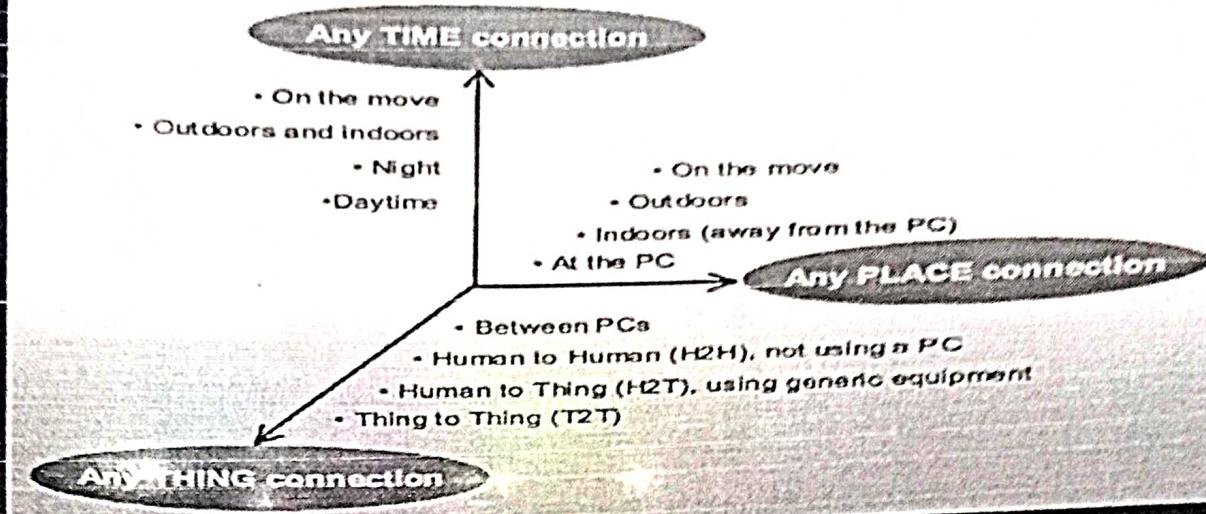
Internet of Things-Smart Cities



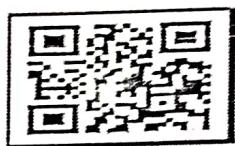
sectors including transport, energy, health care, water and waste

Scroll for details

IoT (Future) Networks

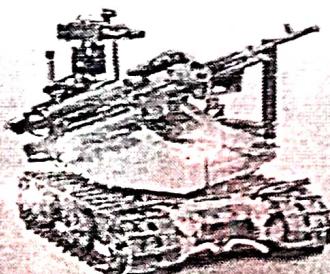
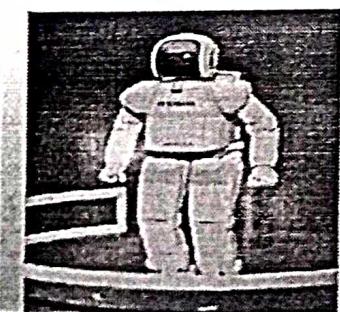
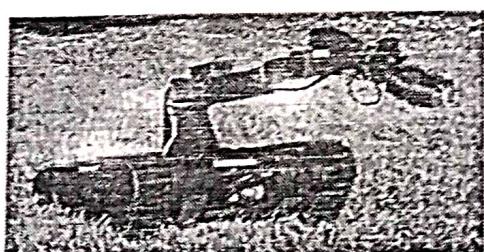


Enabling Technologies – Barcode & QR code

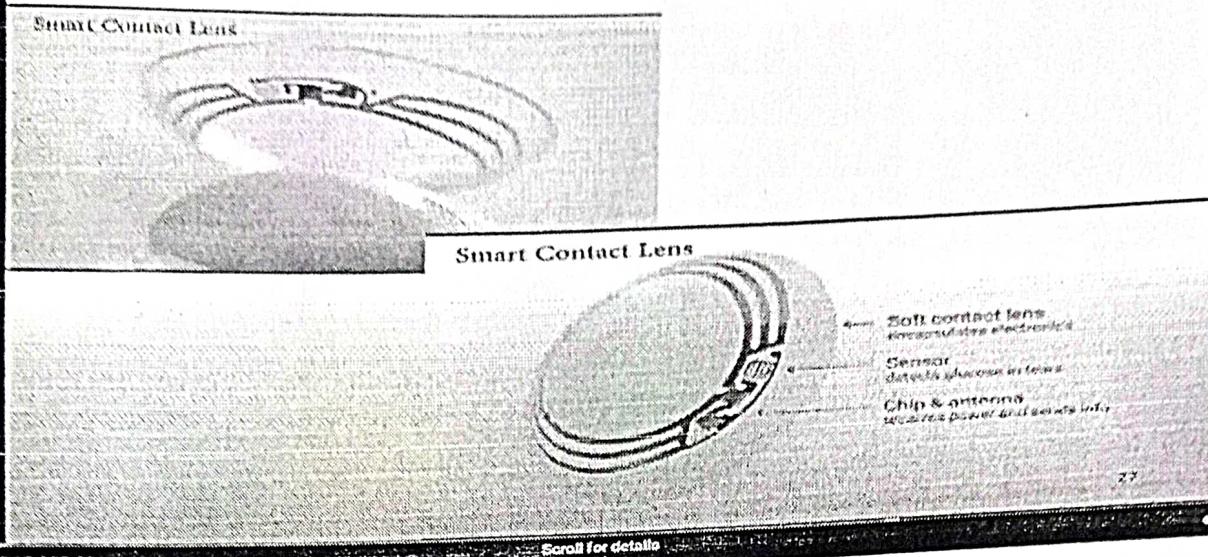


- Low cost
- No technological difficulties
- Several devices can read
- Former is single directional and latter double directional
- A QR code can carry up to some hundred times the amount of information a barcode is capable of

Humanoids & Bots

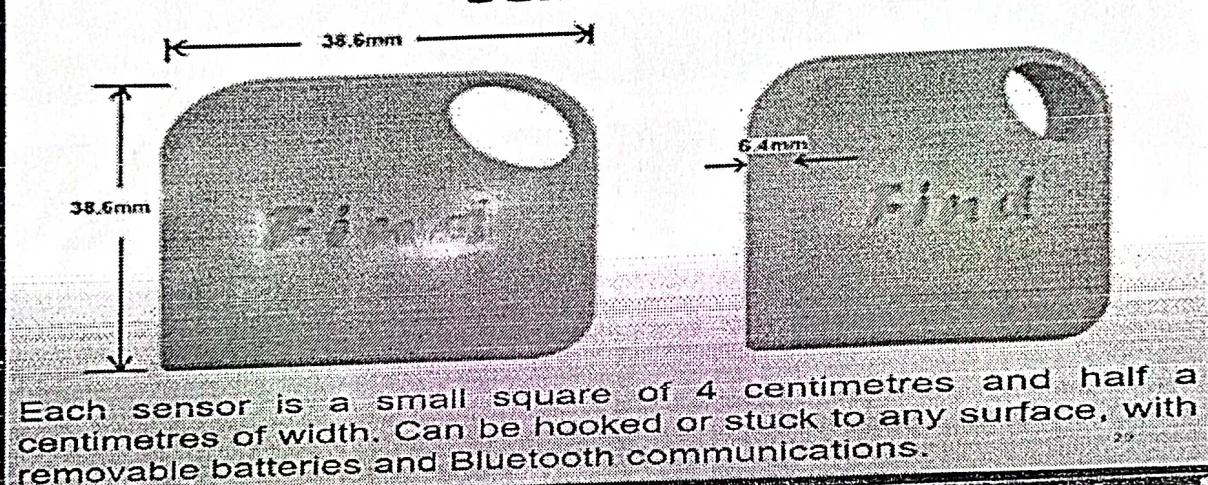


Smart Contact Lens

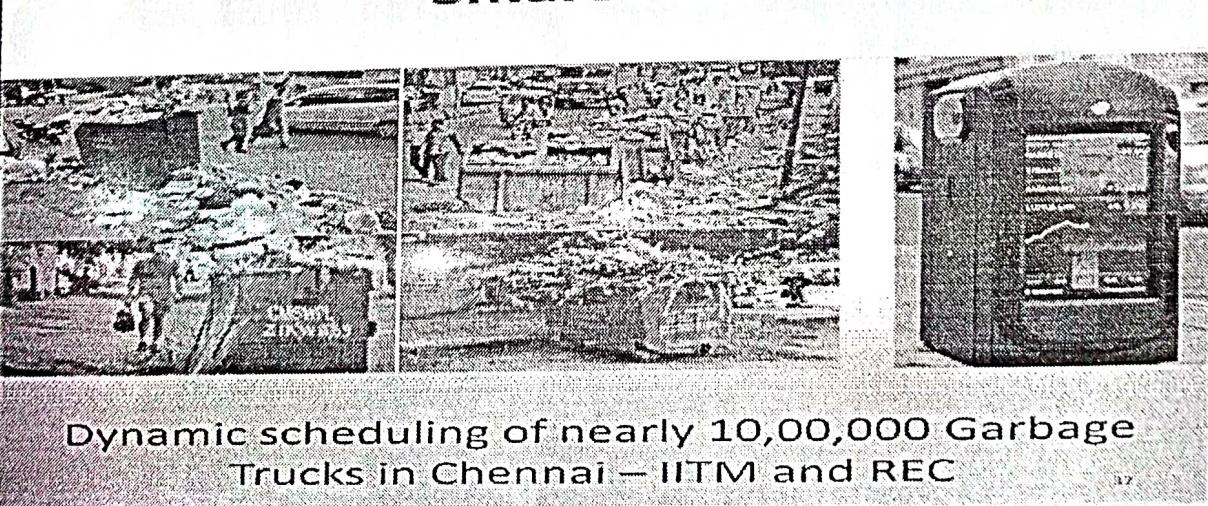


Indian IoT Products

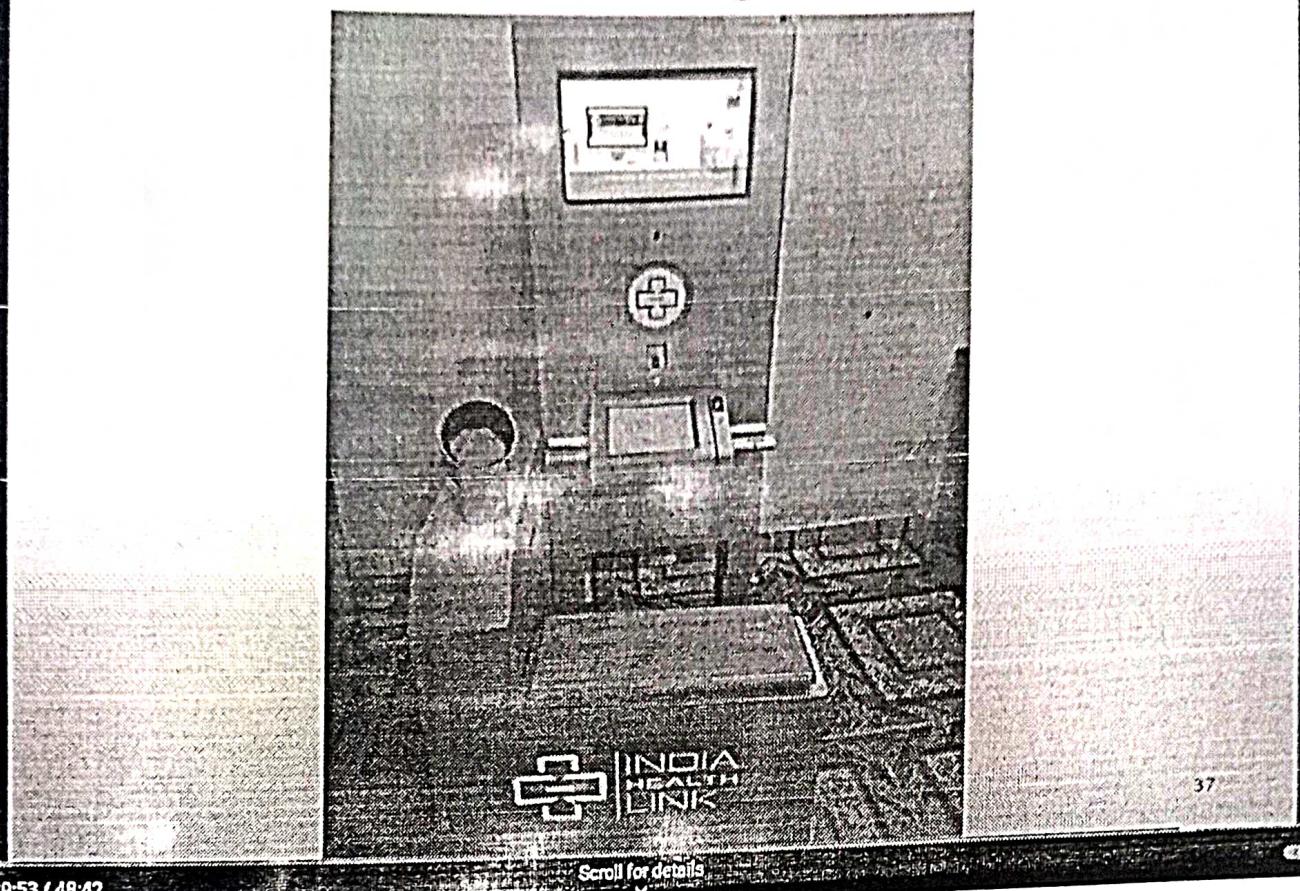
SenseGiz



Smart Bins



Automatic Health Checking Machine in SPIHER



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II ▶ 39:53 / 48:42

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Students Projects related to IoT

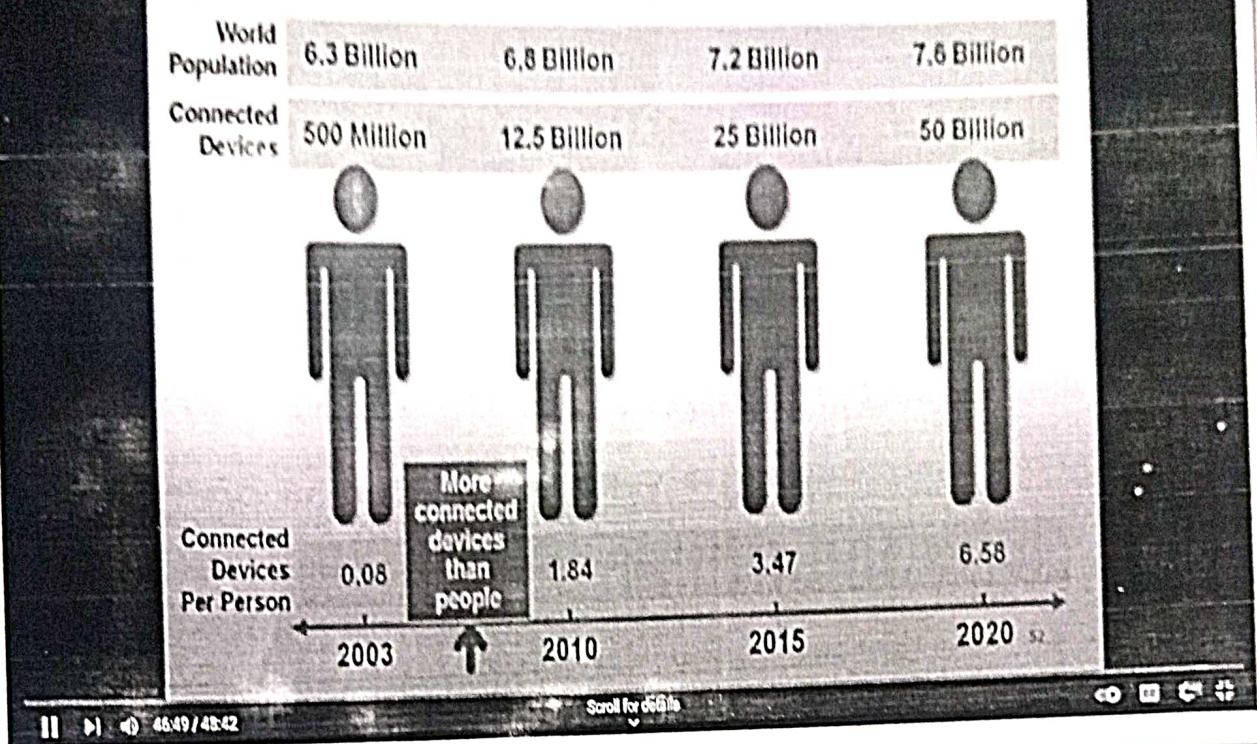
- 2014-2015
 - “Indian Regulatory Complaint System”, M. Abhiman, V. Arun Raj, M. Pradeep and S. Raghavendra
 - “Digitized Personal Data Integration System”, R. Abhilash, P. Bhuvanesh, R. Gokulan and D. Muralidharan
 - “SPYWARE – Anti Harassment System”, R. Anupriya, V. Anurekha and E. Karthiga
 - “QR Code-based Mobile Voting using Android Application”, P. Lakshmi Priya and R. Niranjani

II ▶ 45:15 / 48:42

Scroll for details

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Internet Usage and Population Statistics



Feedback Obtained from the Participants

Thiyambe
CONVENOR
 AVASC-IIC Convenor
 Annai Violet Arts and Science College
 No: 53, Violet College Road, Menambedu,
 Ambattur, Chennai-600 053.

Japhna
IQAC COORDINATOR

IQAC Co-ordinator
 Annai Violet Arts and Science College
 Dr.C.Initha Lebanon Ebency
 No: 53, Violet College Road, Menambedu
 Ambattur, Chennai-600 053.

Principal
 Annai Violet Arts & Science College
 No: 53, Violet College Road, Menambedu
 Ambattur, Chennai-600 053.