Training calendar & Agenda Session: 29.8.22 Agenda: · Training & project calendar · Execution process · Role of Faculty mentor e Role of Faculty Evaluator · Zoom Links for sessions . Q & A Training & project calendar * Training & project development sessions will be organized as below 1 - preparation 2. Ideation 3. project 4. project 5- project

Phase Design Planning Planning Phase

Phase Phase Phase Phase Phase 6. project Development 2 weeks 2 weeks 3 weeks phase In progress 03-0ct 19 Sept-29 Aug-15-Oct ol-oct Mept 2 weeks HWEEKS 170ct-2 to 4 Technology 24 oct 220ct training 19 NOV Session 5861 2 to 5 -> AMA sessions AMA/EXPORT Session for taculty mentors & Full Loctors

05.09-22

TOT:

Internet of Things

Applications in different sectors. Internet of Things!1) Health & life Style

- 2) Smart cities
- 3) Industries
- H) Logistics
- 5) Home Automation
- b) Ennergy
- 7) Environment
 - 8) Agri culture

Health & Life Style?

- wearable Electronics
- Health & Fitness Monitoring

Smoot cities

- Smart parking
 - Smart Roads
 - Enorgeny Response

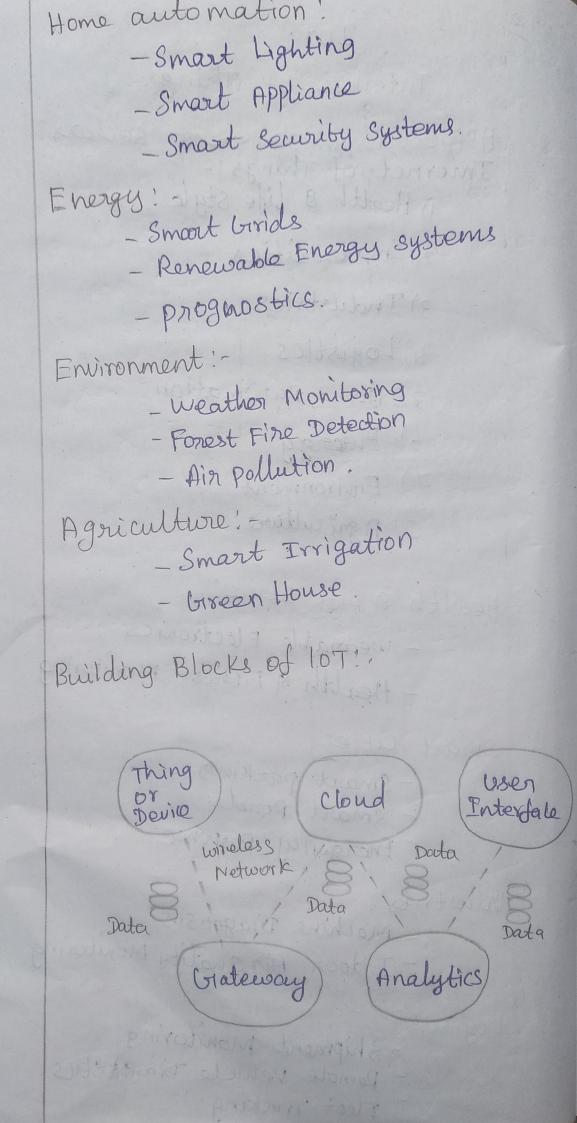
Transtries: -

- Machine Diagnosis
- Indoor Air quality Monitoring

Logistics:

- Shipment Monitoring
- Remote Vehicle Diagnostics

Fleet Tracking



101 Architecture:	
Security Applications Applications	
cloud platform	
Communication Design	
Devices 12 201	
Things (End Devices Nodes)! - "Things" - devices and systems that were embedded with sensors, software and other technologies in order to and other technologies in order to tommunicate and exchange data with other Things of	-
TOT Technology Stack:	
Device _> Device _> Communi hardware software - Catio	n
cloud > Cloud Applications Platform	

MON

Data Analytics: * The data analytics process has Some components that can help a variety of initiatives will provide a clear picture of where are you where you have been and where you should go * The user Interdace (UI) is the User Interface: Point at which human users interact with a computer or applications. Network Connectivity: Ethernet education was - NFC MARINER CONSTRUCTION - NFC - Bhietooth - Zig Bee - Lora DOT security! * 107 security is the technology Segment focused on security linked devices and network in the 10T.

Types of Ardino. : Might be Entry level Boards Wearable Bourds Enhanced Boards - 10T Board stouthor Features Arduno: · Operating voltages 5 v and 3.3 v SSRAME ONINDA (BIT megg · clock speed + 1 6 16 MHZ 10130b Mort benierocontroller ATmega 328 Software: Launch the Arduno IDE select your signal port · Select your board · open the example exonellab addition upload the porogram hoppyists, hockers, m interested in creating interested