2918122 Training calender e Agenda session: Agenda: - Olek oli a ilitary * Training 2 project calender * Execution process * Role of Faculty Mentor * Role of Faculty Evaluator * zoom links for sessions * Q&ADT, NONDERTHE Training 2 project calender: Training 2 project development sessions will be organized as below 3) Project Aproject 1) preparat (2) Ideation 5)project Planning planning phase posign phasez phase 1 phase Phasel " temote website Diagnostic district trackely (b) peroject Development nothernotal the phase DIEMON 2 cuecks 2 weeks o weeks 3 weeks 17 oct-03-0ct-In progress. 22 oct 19 sept eg Aug 15-oct 01-oct 17 sept 2(19) 4 weeks 24 oct 19 NOV Technology training ! upour older sessions, AMA | Expert session 2 to 5 - AMA sessions for faculty mentors &

ban Duran Have

Applications in different sectors:

* Health & life style

- · wearable Electronics
- · Health e fitness monitoring

* 8 mart ceties

- · smort paling
- · smoot poads
- · Emorgency response

* industries

- · Machine Diagonsis
- Indoor Air Quality monitoring

* Logistics of the shirt of the sound of the

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23/2000 5 23/2000 5

- · Shipment monitoring
- · Remote vehicle Diagnostics
- · Fleet tracking

* Home Automotion

- · smart lighting
- emant appliance
- · smart security systems.

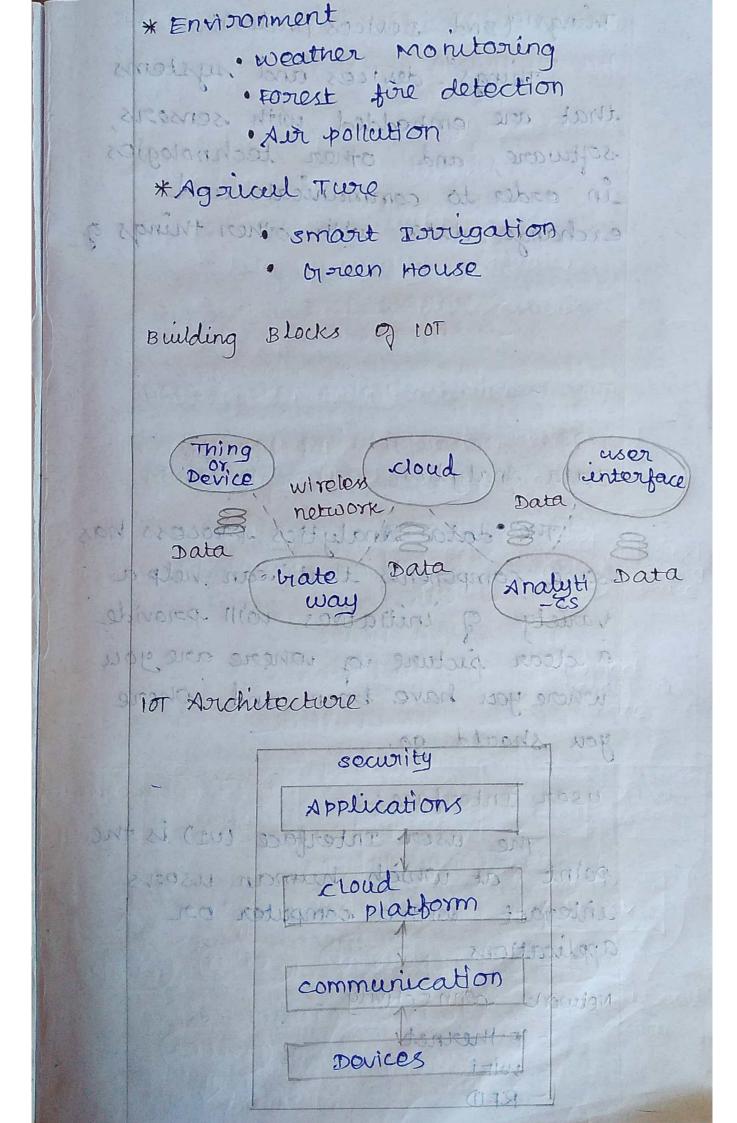
HIM 4 & olit

* Energy

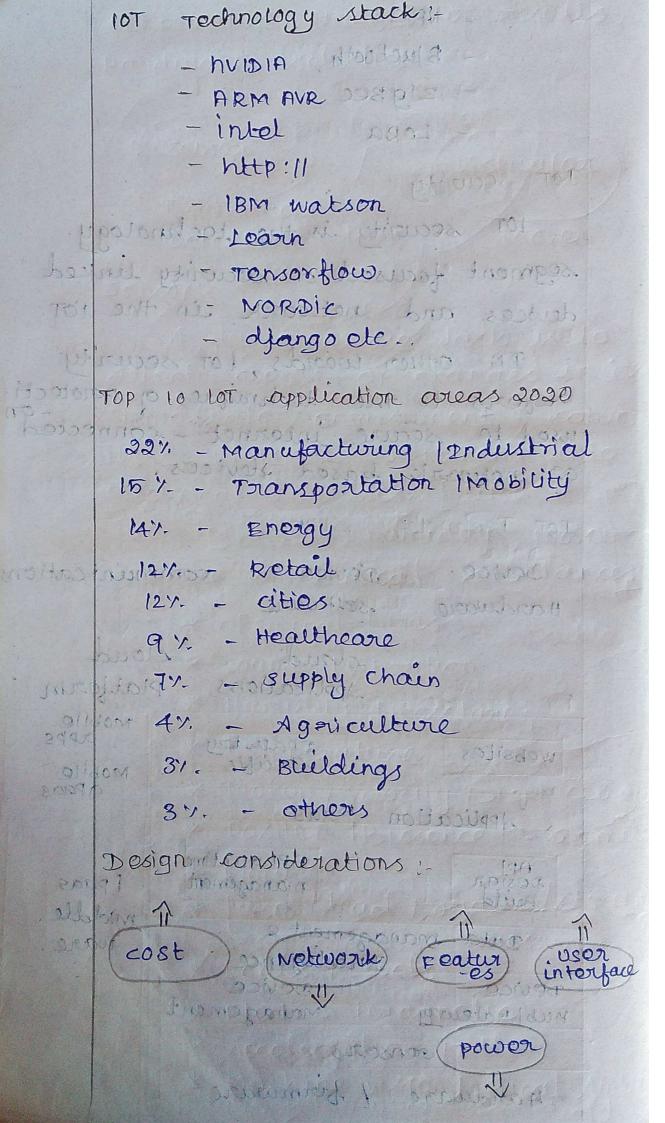
- · smart brids
- · Renewable Energy

systems

· pragonatics.



- NECOTAL PROJECTION - Bluetooth and - zigbel ava man - Lora DOT security: 10T security is the technology segment focused on security linked devices and network in the lot. In other woords, lot security refers to the techniques of protecti used to secure internet - connected or network based devices. IOT Technology stack! Device Device communications Hardware software doud coloud applications platform mobile Industry websites specific Mobile a Paas Application Paas API runtime Design management i paas Data maragement 2 ware, Inteligence Device Device Hubl brateway management sensons Hardware 1 formware



other design considerations * Applicability * software opdates * support * Data Management * Data collection * Analytics * Market trends P 7007 of concept (POC) Define Develop Execute How to build a successful poc? 0 Botainstorming: project analysis improvements, HWISW requirements, communications @ Development 2 config: Build solid base on 10T platform by austomizing and configuring the device. 3 Laurah your prototype: Demonstration, implementation parel creation --- all with our support team. @ Results Evaluation !bienorate the reports and data which allow us to make a

comparative analysis of results. Hardware selection: selfusing updates # Actuator Senson Detector 1917? Mover * Analytics A device whose task is to detect events or changes in its immediate environment & convert these physical phenomena into electrical impulses. [like tempera ure light, air, humidity, movement Presence of chemical substances * chemical I bias * sound | vibration * Humidity I moisture * Temperature * motion / velocity / Displacemen * Position 1 Polesence 1 poroximity * FLOW nottotionio & force I lead tronque Istrain * Leaks | Lovels * Electric Imagnetic * Accelectation 17ilt * Machine vision loptical Ambie