



SNS COLLEGE OF TECHNOLOGY

Coimbatore-35
An Autonomous Institution

Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A++' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

19EET304/ IOT for Electrical Sciences

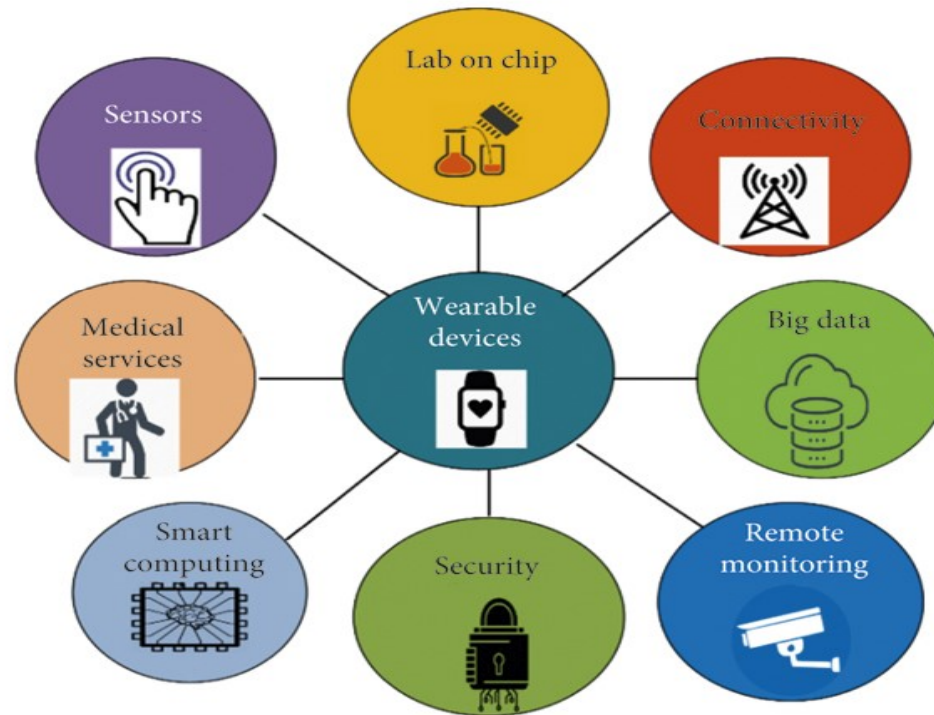
III YEAR VI SEM

UNIT 1 – INTRODUCTION

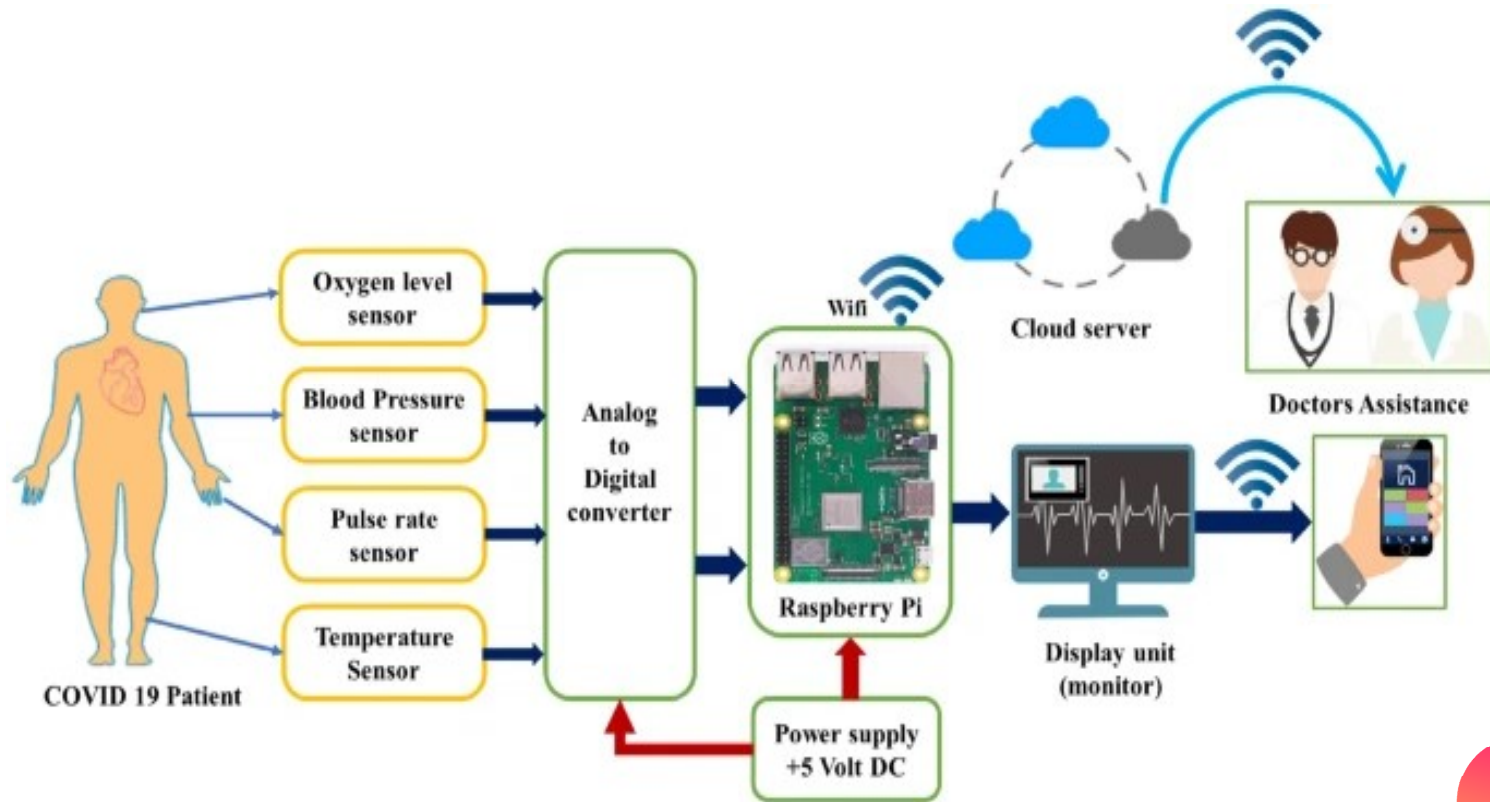
TOPIC 6 – SMART HEALTH AND SMART LEARNING



COMPONENTS OF IOT BASED SMART HEALTHCARE

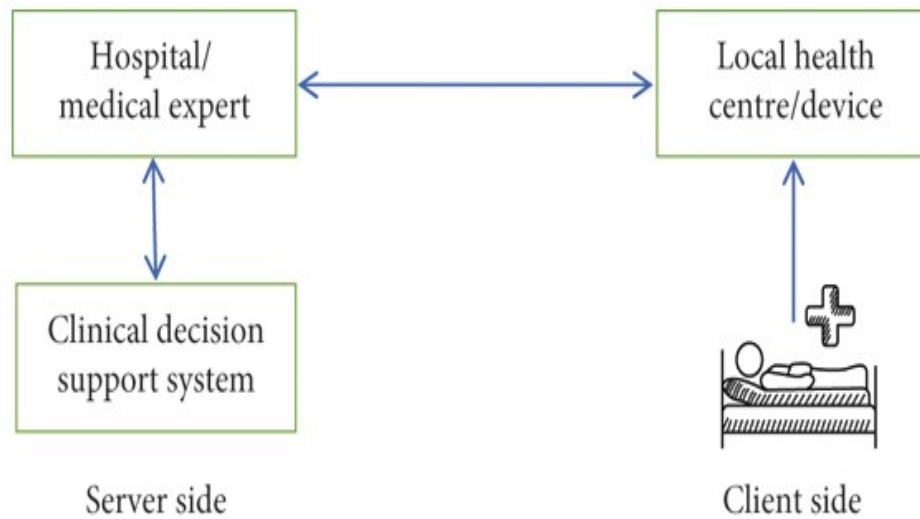


BLOCK DIAGRAM OF PROPOSED IOT SMART HEALTH SYSTEM



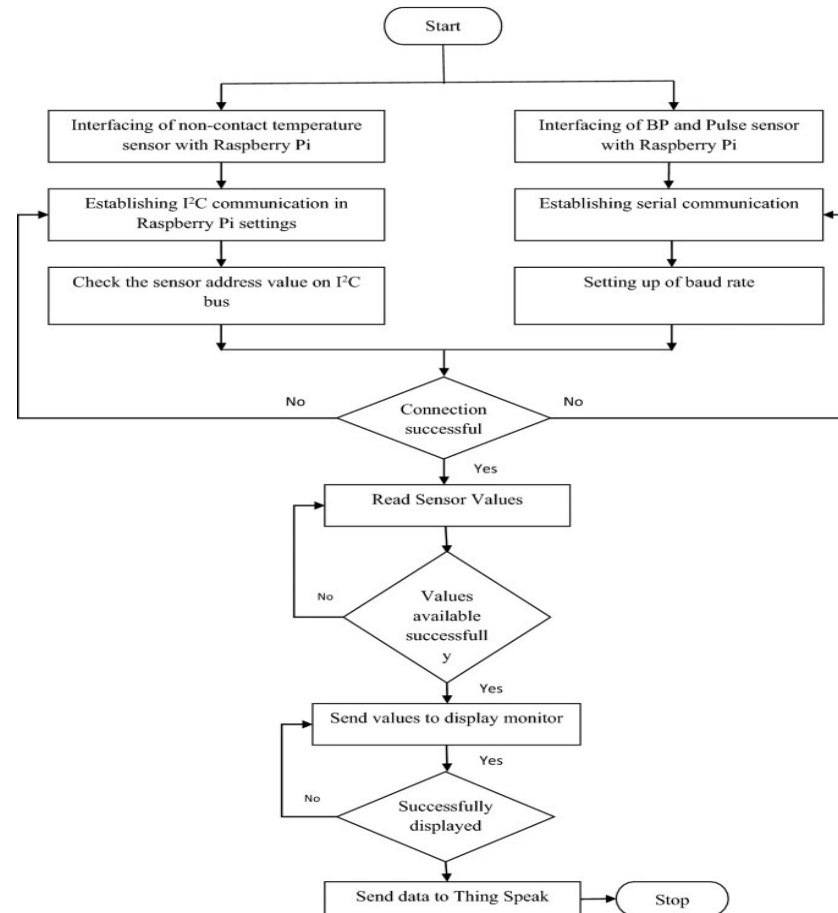


STRUCTURE OF IOT IN HEALTHCARE





FLOW CHART OF IOT SMART HEALTH SYSTEM





SMART TEACHING



- Smart teaching is an online teaching process which is much efficient from chalk and talk method. Here the teacher uses online devices or presentations or videos for imparting knowledge within students.
- It helps the learner to find aspects supported the large alternative on the market. It also provides the quality 24*7

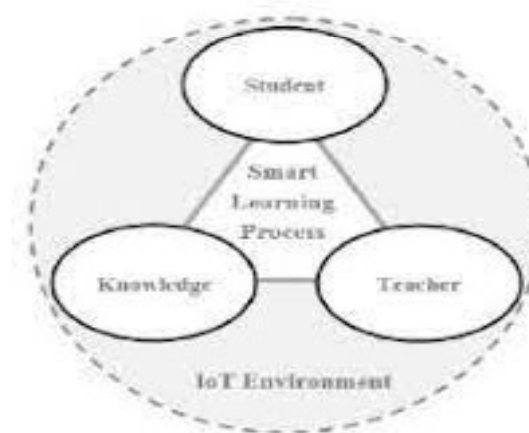




SMART LEARNING

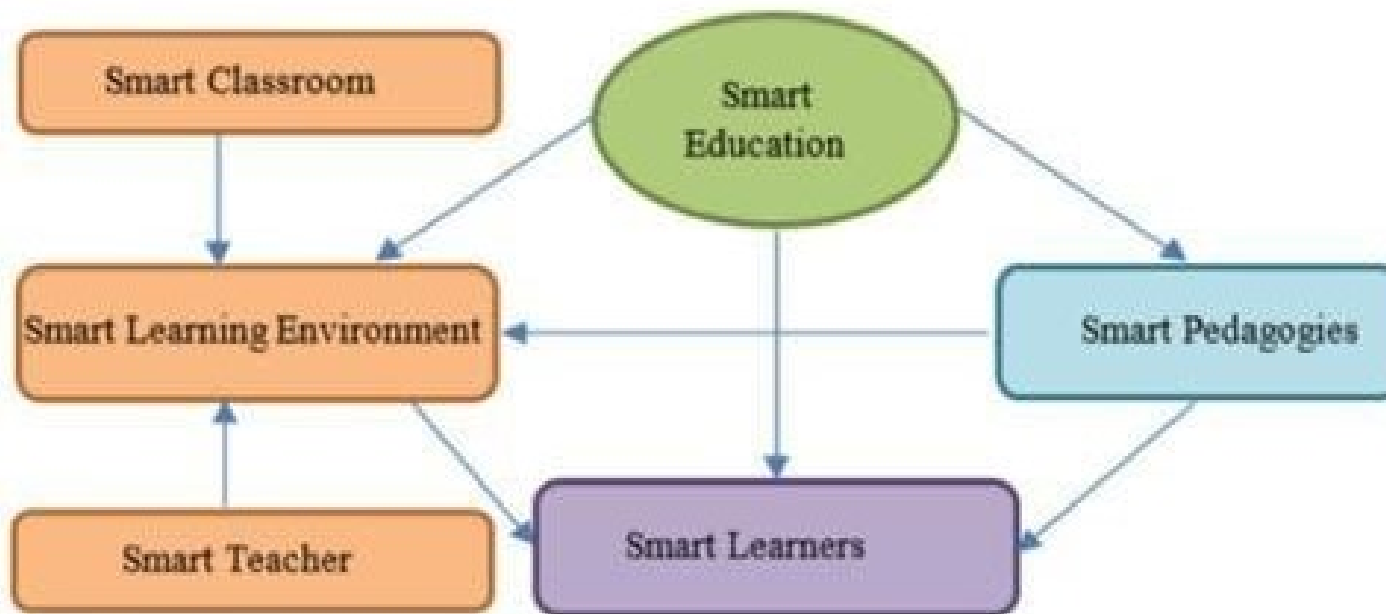


Smart learning is a procedure of learning the things with the assistance of e-devices. Here the student will gain proficiency with the perspectives all the time dependent on student accessibility. It encourage customized learning.





FRAMEWORK OF SMART EDUCATION.



CHALLENGES WITH INTEGRATION OF IOT IN EDUCATION

- Security and Privacy
- Reliable Wi-Fi Connection
- Management
- Cost

IoT in Education





ASSESSMENT - 1



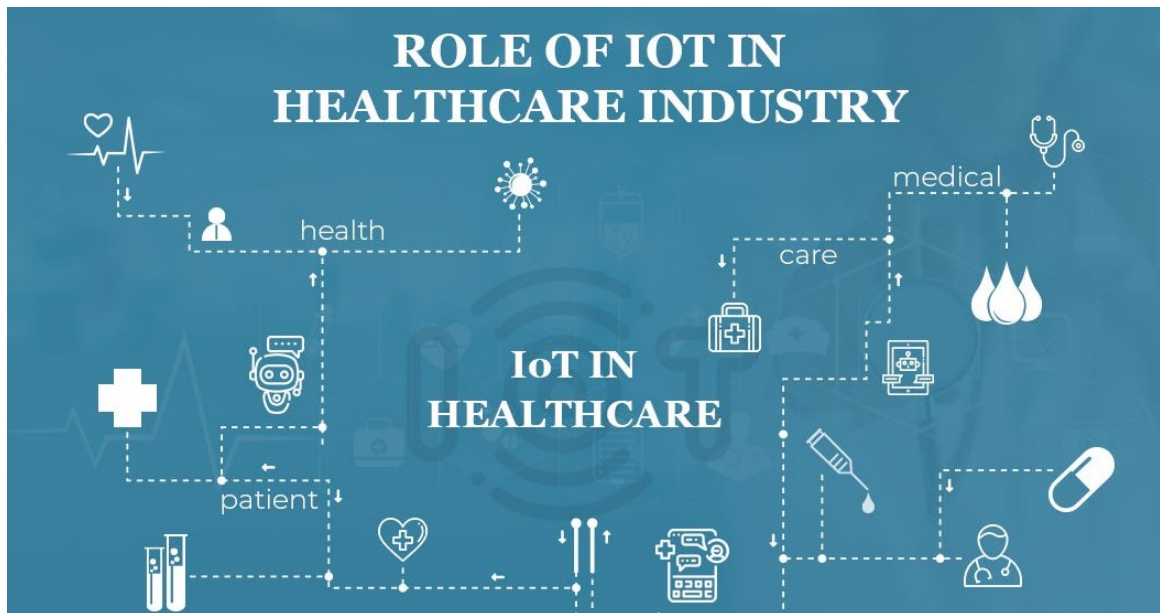
What are all the main technologies encountered in a smart classroom





ASSESSMENT - 2

WHAT YOU CAN DO WITH IOT IN HEALTHCARE INDUSTRY



References



- <https://www.hindawi.com/journals/sp/2020/8836927/>
- <https://link.springer.com/article/10.1007/s42979-022-01015-1>
- <https://www.irjet.net/archives/V6/i6/IRJET-V6I6271.pdf>

Thank You