

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ECE

AWARENESS PROGRAM FOR IOT PLATFORM AND ITS APPLICATIONS



DATE: 09/06/2021

INDEX

S. No.	Content	Page No.
1.	Circular	10.1
2.	Circular for other colleges	10.2
3.	Photos	10.3
4.	Participants Attendance	10.7
5.	Feedback from Participants	10.9
6.	Sample Certificate	10.10

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10.1

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Department of ECE

CIRCULAR

05.06.2021

One day awareness program on “**IOT PLATFORM AND IT'S APPLICATIONS**” is scheduled to be conducted on 09.06.2021. This seminar gives a foundation in the Internet of Things, including the components, tools, and analysis by teaching the concepts behind the IoT and a look at real-world solutions. Henceforth, students are requested to attend this program and get benefitted.

Resource Person:

Mrs.R.Rajeshwari

Technical Head

Silicon Networking and Technology

Bangalore.

Faculty Coordinators

Dr.S.Karthigai Lakshmi, Professor & Head / ECE

Dr.K.Vinod Kumar, AsP / ECE

HoD / ECE



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DEPARTMENT OF ECE

Awareness program for IoT platform and its application



RESOURCE PERSON

Mrs.R.RAJESWARI,

Technical Head,

Silicon Networking and Technology,
Bangalore.



DATE : 09/06/2021

DAY : WEDNESDAY

TIME : 11.30 TO 12.30 PM

MODE : ONLINE

FACULTY COORDINATORS

Dr.S.KARTHIGAI LAKSHMI ,

professor & Head / ECE

Dr.K.VINOTH KUMAR,

AsP / ECE

PRINCIPAL

Dr.D.SENTHILKUMARAN

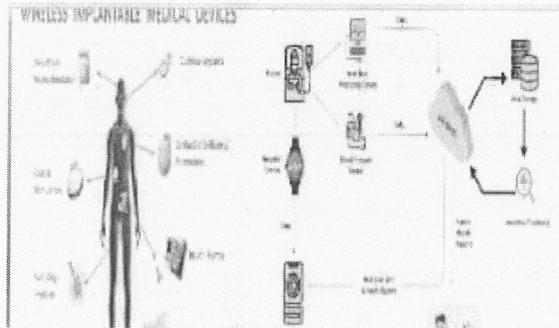
- » Medical IoT
- » Need of Medical IoT
- » E-Health and Medical IoT
- » Medical IoT Applications
- » Pros and Cons of IoT in medical Field
- » 4 -layered healthcare model for IoT
- » Applications development –examples.

- » Internet of Things in Hospitals:
- Have the potential to locate patients, medical staff, and visitors that further enhances the concept of smart hospitals.
- » Collection and Integration of Clinical Data:
- Collection and integration of clinical data include many technologies. The IoT is making this process more streamlined and effective. The data generated from medical observations can be collected and communicated as never before, saving time and resources by encouraging promises for the future.

- » Wide range of IoT devices and applications specifically designed for Healthcare needs and settings, apps/ platform for remote healthcare monitoring, tele medicine, tele consultation, tele delivery, hospital management automation with help of sophisticated sensors, AI techniques



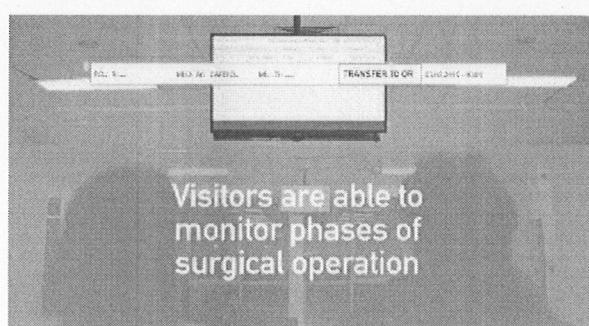
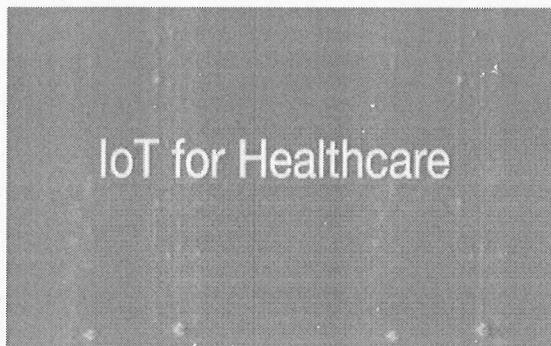
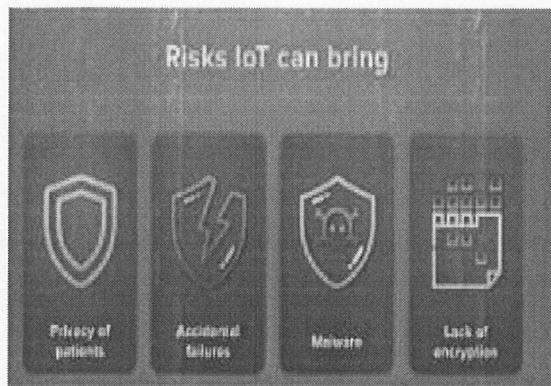
- » Medical IoT technologies are able to automatically gather necessary information from patients and detect possible diseases – *early diagnosis*
- » The Internet of Things can have a great impact on the creation of more personalized and patient-oriented medicine – *customized therapy*

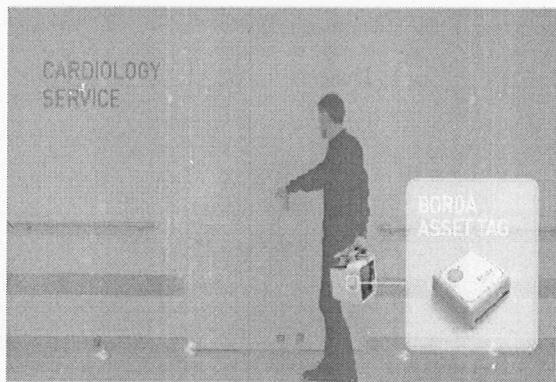
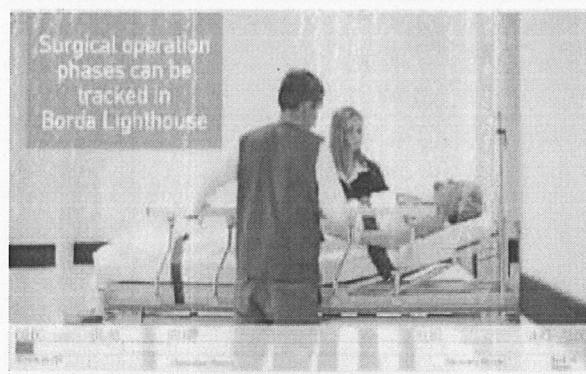
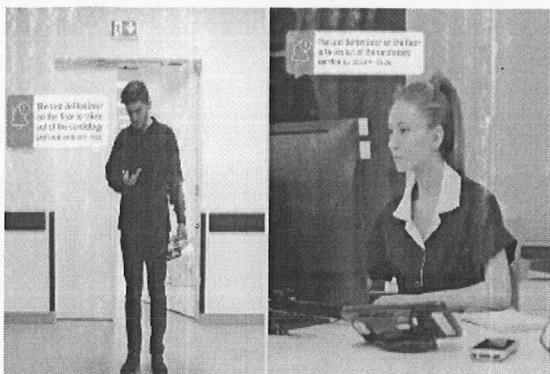


- E-health is based on networked I-C-T devices
- » of the humans, operated
 - » by the humans
 - » for human healthcare and wellness

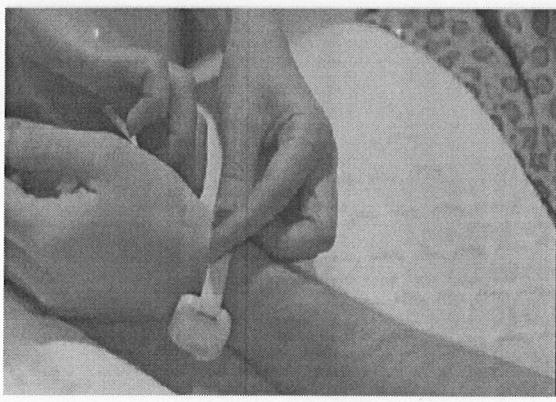
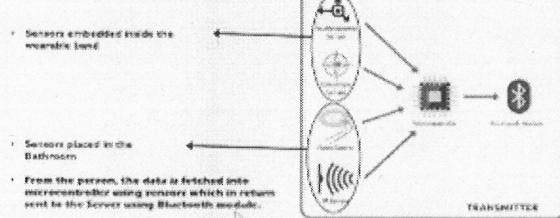
Internet of Medical Things is the network of the 'smart-devices', operated by the devices

- » Hacking Block Chain data – *Impossible*
- Secure transactions, safe data storage, secure data
- » Machine Learning – *Highly Precise*
- Extracting Information, Cutting Edge Analysis Decision Making

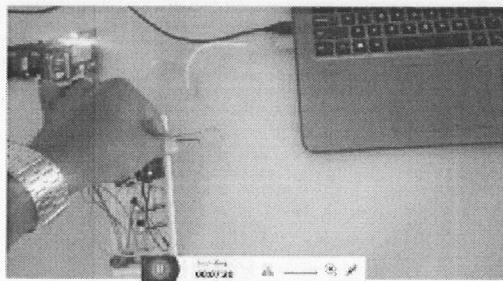




Product Design :

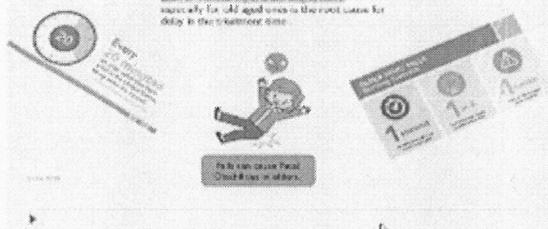
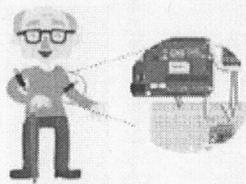
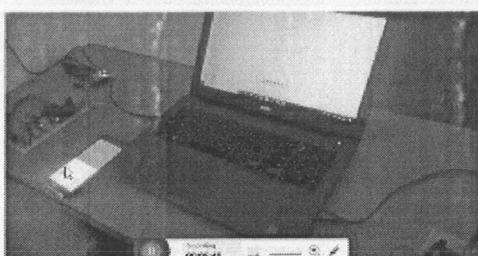


The Demo!



Problem Statement :

- Falls account 35.2% in the mortality rate of the elderly people.
- Early fall monitoring and alerting systems especially for old age users is the most cause for delay in the treatment time.

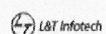
**The Demo!****Smart HealthCare – ADM and Fall Detection. (Both As Examples)**

An autonomous and fully functional fall detection system.
through L&T



L&T Infotech | Let's Solve

www.lntinfotech.com
info@lntinfote



People	Information	People	Information
	Abirami		Dharany M
	Abitha Devadharshi...		Dinesh
	Abu Fiyaz		Divya K
	Afzar M		Domnic Vishal
	Amritha M		FEBRONIA JEROME
	Archana Roy.A		Gajendran B
	Arul Karthi		Geetha Mai A G
	Arul Nandhini		Gokul Vinayagam M
	Ashwini AR		Hariharan .P
	Asleena A		Jaya Sree
	Balaji Ganesan		Jeyakanthan Jack
	Chandralekha K		Kalpana s
	Chitra Selvam		Koorthana T

108

People	Information	People	Information	People	Information
 Keerthana. M.N	✓ :	 Pandi Devi.S	✓ :	 Senthilnathan S	✓ :
 Keerthika	✓ :	 Parameshwari s	✓ :	 Shalini S	✓ :
 Kiruba Nandhini.m	✓ :	 PON BALAJI S	✓ :	 shanjuvikasini j	✓ :
 kiruthika .s	✓ :	 Rajeshwari R	✓ :	 Sharmila Srinithi. R ...	✓ :
 Kowsalya M	✓ :	 Rajeshwari R	✓ :	 Shobana M	✓ :
 Leka S	✓ :	 Ranjani M	✓ :	 Sneka R	✓ :
 Madhumitha B	✓ :	 Renuka P	✓ :	 Sowmiya S	✓ :
 Mahalakshmi R M	✓ :	 revathy S	✓ :	 sridhar .R	✓ :
 MaruthamalaiAyyan...	✓ :	 RUTHRA _k	✓ :	 Sujith	✓ :
 Mohan MR	✓ :	 Sabarees V	✓ :	 Suvetha R	✓ :
 Muthu kumaran. S.U	✓ :	 Samyuktha	✓ :	 SARAVANA	✓ :
 Nivetha .M Nivetha .M	✓ :	 Santhosh kumar G	✓ :	 Tamil Arasan	✓ :
 Oviva M	✓ :	 Sasikumar M	✓ :	 Thiru Pathi	✓ :

ganeshinidivya@gmail.com

Registration Number *

922119106024

Name *

DIVYADHARSHINI R

Workshop objectives were stated clearly and met *

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

College Name *

SSM IET

The workshop was well organized *

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Year / Section *

- II ECE A
- II ECE B
- II ECE C
- III ECE A

The workshop helped me to learn how to work effectively with my peers in a workshop setting *

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

The information and/or skills presented were relevant and useful *

- Strongly agree
- Agree
- Disagree
- Strongly Disagree

The presenter(s) provided adequate time for questions and answered them satisfactorily *

The presenter(s) provided adequate time for questions and answered them satisfactorily *

- Strongly Agree
- Agree
- Disagree
- Strongly Disagree

Send me a copy of my responses.

Submit

Never submit passwords through Google Forms.



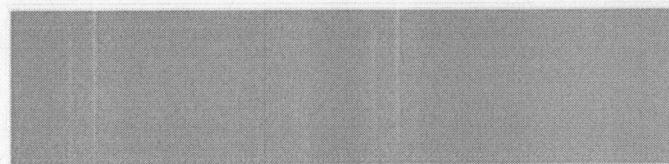
SSM Institute of Engineering And Technology

(Accredited by NAAC)

Dindigul-palani Highway,Dindigul,TamilNadu-624002

Department of Electronics And Communication Engineering

The Certificate Is Presented to:



has successfully completed one day Awarness program of
IOT Platform and Its Applications.

Handwritten signature of Dr. K. Vinod Kumar.

Dr.K.Vinod Kumar
Faculty Coordinator

Handwritten signature of Dr. S. Karthigai Lakshmi.

Dr.S.Karthigai Lakshmi
HOD of ECE

Handwritten signature of Dr. D. Senthil Kumaran.

Dr.D.Senthil Kumaran
Principal