

RRMCH - Advances in Medical Technology

Saturday, 18 June · 12:00 – 1:00pm

Google Meet joining info

Video call link: <https://meet.google.com/ooz-aqaj-fgp>

Date: 18.06.2022, virtually, attended by external experts, committee members of IIC and our students.

Resource Person introduced the topic which are the Best and worst innovations in Medicine in the recent times.

1. Telemedicine: It's scope in the future in Rural and urban medicine.
2. Remote Patient Monitoring which goes hand in hand with Telemedicine.
3. Wearable devices in medicine and digital remote monitoring Diabetes and epilepsy.
4. Digital therapeutics: Healthifyme, Cult.fit apps with concurrent monitoring by medical Staff and caregivers.
5. Medical record linkage.
6. Brain mapping using biotechnology in India and abroad.
7. Questions and ideas about innovations in medicine.
8. Therapeutic usage of previously considered aggression-activating technology (i.e., video games), Developing better video games and case study on its effectiveness in ADHD.
9. Scope for technology in research & data collection + storage (i.e., diabetes, epilepsy and other "traceable" illnesses can be monitored thoroughly). Cohort studies with these will provide access to large collections of data.
10. The influence of Artificial intelligence could possibly reduce the workload and primary requirement of doctors by feeding information about certain diseases to a computer.
11. Interactive session where Questions and ideas were shared.

Next session will be based on worst innovations in Medicine in the recent times.

There was active interaction between the Resource Person, Staff, Postgraduate and undergraduate students of RRMCH.



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Vinoth G is presenting

### 1. Telemedicine

- Telemedicine is a general term that covers all of the ways patient and the doctor can use **technology to communicate** without being in the same room.
- It includes **phone calls, video chats, emails, and text messages.**
- People also call it
  - telehealth,
  - digital medicine,
  - e-health, or m-health (for "mobile").

Vinoth G

Anvitha R

Tephillah Devasir

Rajendran Dinesh...

Ananya C

Greeshm Ganesh

mails Personal

13 others

You

Advances in Medical Technology

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### The four stages of IoT solutions

The diagram illustrates a four-stage process for IoT solutions. It starts with 'Devices' (represented by icons of a smartphone, a sensor, and a temperature gauge), which connect to 'Data Aggregation & Pre-processing' (represented by a truck and a gear icon). This stage leads to 'Data Storage' (represented by a server rack and a database icon), which then leads to 'Data Analysis' (represented by a pie chart and a document icon).

Vinoth G

Anvitha R

B Rakshitha

Rajendran Dinesh...

Dr. Yogesh M K Jo...

Ananya C

Farzeen Arfa

9 others

You

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Rajendran Dinesh...	Dr. Yogesh M K Jo...	Ananya C
Farzeen Arfa	9 others	You

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