



NEWS BULLETIN
#03
**KNOW THE
UNKNOWN**

DEPARTMENT OF ECE



ISSUE : 03 JAN-MAR 2022

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Guest Lectures



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Students Achievements



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ELECTROBLITZ

UP COMING EVENTS

- iVenor–Techno hunt
- 5 Guest lecture
- Fractals
- Smartathon
- Impathon 3.0

GUEST LECTURES

Knowledge Rebooting

Head of the department Dr,R.S.Sabeenian has given different guest lectures in Kongunadu College of Engineering and Technology. The topics range from AI base application in image and signal processing to wireless networks and 5G technology.

KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous)
Approved by AICTE, Accredited by NBA (CSE, ECE&EEE) and NAAC & Affiliated to Anna University
Thohurpatti Post, Thottiam Taluk, Trichy-621215, Tamilnadu.
Department of Electronics and Communication Engineering
AICTE Sponsored
Two weeks Online Faculty Development Program(FDP)
on
"Emerging Trends and Challenges in VLSI Mixed Signal Processing for Fourth Industrial Revolution"(Phase - III)
16.04.2021 (Friday)
DAY 5 Session 1 : 10:00 A.M. to 12.00 P.M.
Topic: AI Based Applications in Image and Signal Processing

Dr. R.S.Sabeenian
Professor & Head/ECE,
R&D Head- SONA SIPRO.,
Sona College of Technology,
Salem,
Tamilnadu.



A guest Lecture on **ARM Processor and its applications** was **conducted** by Harsha Prasanna K P Director at Dilogy Solutions, Bengaluru on 25th and 26th of march for third year students

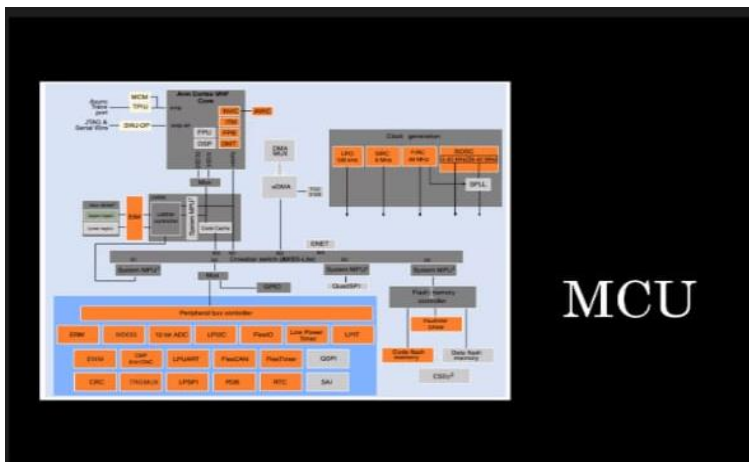
A guest Lecture on **Real time operating system concepts** was conducted by Mr. T. N. Raj Vignesh

Director, Salieabs LLP & Dilogy Solutions LLP on 25th and 26th of march for third year students.

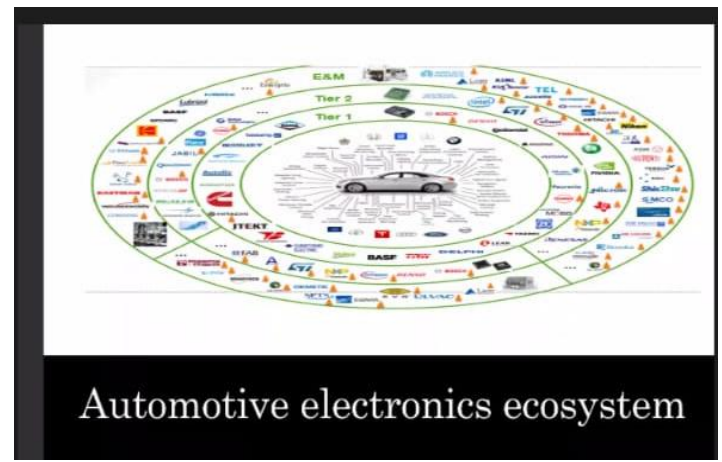


A guest Lecture on **Data Structures for the Future** was conducted by Dr. V. Murugappan, Agile Coach, Infosys. on 26th of march for second year students.

A guest Lecture on **Career Scope in Automotive Electronics** was conducted by Mr. Kardhik Sambathkumar Senior Engineer, Catepillar India Private Limited, Chennaion 30th of march for second year students.



MCU



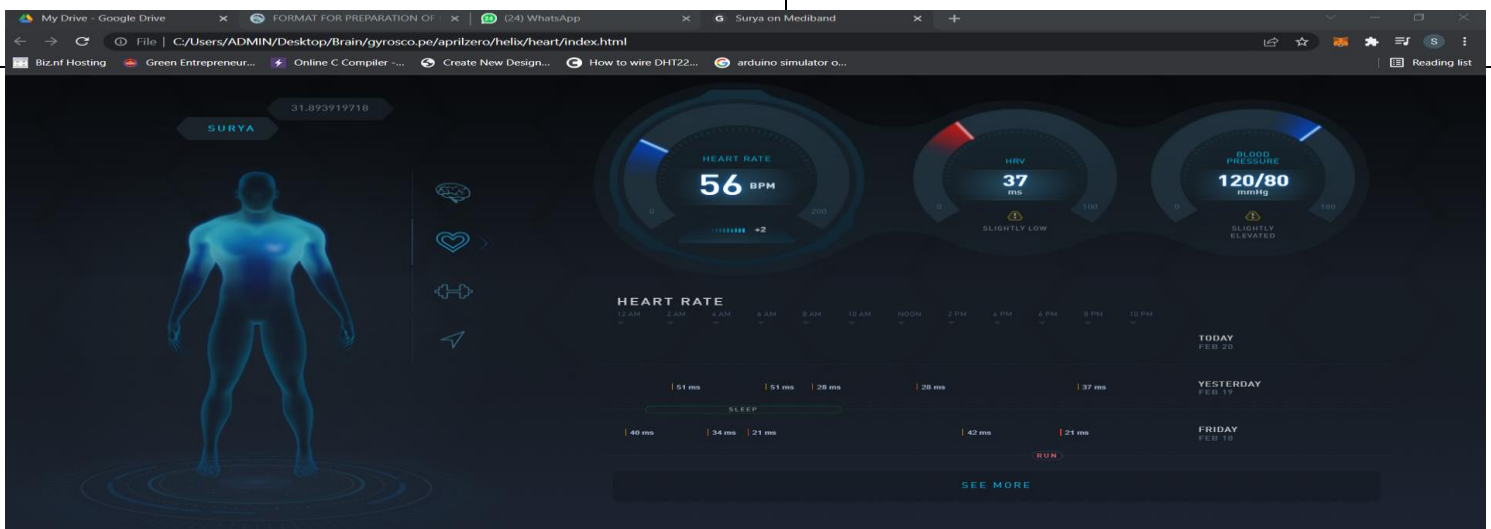
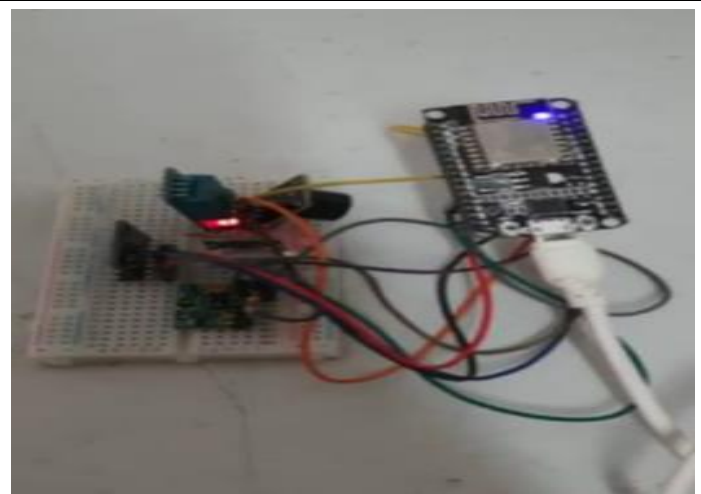
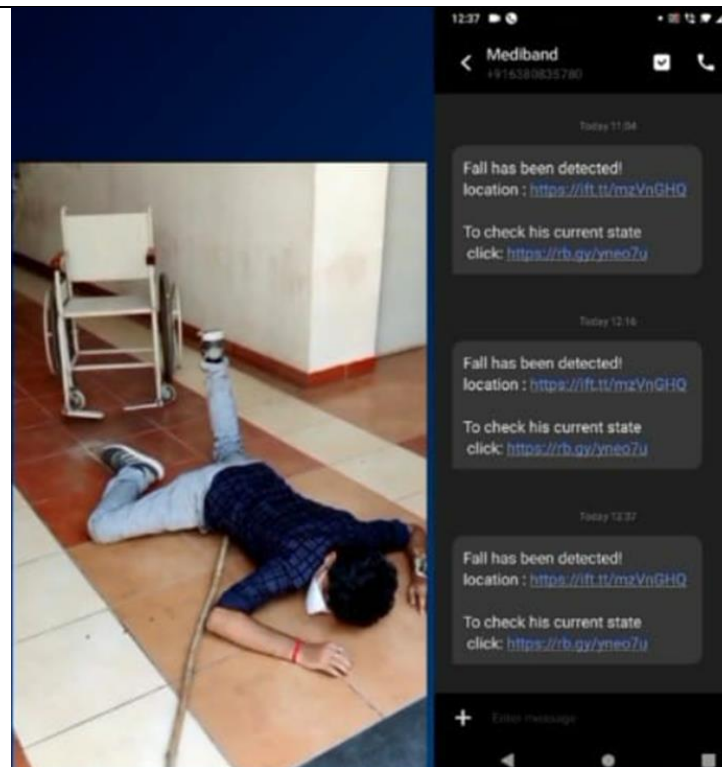
Automotive electronics ecosystem

Students Achievement

MEDIBAND (A MEDICAL SMARTBAND) is a project done by Surya Narayanan CS, Rithvikailas G, Rubiga SA and Shurthika R. The system monitors the movements of human body, recognizes a fall from normal daily activities by an effective quaternion algorithm, and automatically sends request for help to the caregivers with the patient's location. The caretaker can be able to live monitor the health status of the person.

System Design:

A wearable device is placed on human's wrist. The system can detect the elderly's falling by acceleration analysis. Then it will get the elderly's geographic position and alert the caretaker by calling and fall alarm short message will be sent to caregivers. So, the elderly who has fallen can get timely help to minimize the negative influence.



Winners of National Level
IIT Madras Pals Innawah! 2022 Contest
(PAN India IIT Alumnis' Initiative)



Department of Civil Engineering

IV Year Students won **1st Prize**
Received Cash Prize of **Rs. 11000/-**
for the Project of Replast Interlocking
blocks and Pavers under the theme
"Sustainability"

Faculty Mentor
Dr.R.Malathy,
Professor and Dean (R &D), HoD / Civil Engg.

Department of Fashion Technology

III Year Students won **1st Prize**
Received Cash Prize of **Rs. 10000/-**
for the Project of Producing
Cruelty free - Vegan Leather
under the theme
"Environment and Sustainability"

Faculty Mentor
Dr.S.M.Udaya Krithika - AP/FT
and Mr.K.Mani - AP/FT



Department of ECE

II Year Students
Mediband Team
has been considered for
Incubation Worthy Category
under the theme
"Health Management"

Faculty Mentor
Mr.R.Anand, AP/ECE.

College Level PALS innoWAH Coordinator
Dr.D.Raja | **Dr.P. Suresh** | **Dr.R.S. Sabeenian**
HoD/FT | HoD/Mechatronics | HoD/ECE

Dr.S.R.R. Senthilkumar,
Principal, SCT

ELECTROBLITZ - 2022



Idea Presentation



No oil no boil- Cookery EVENT



Idea Presentation – Vennue 2



Picture Puzzle



Circuit Debugging



Project Presentation