



Department of
ELECTRICAL &
ELECTRONICS
ENGINEERING



Luminance '18



ABOUT THE DEPARTMENT

Vision of the department

To be a place of center of excellence by imparting quality teaching and innovative research, promoting technology development and consulting service in the frontier areas of Electrical and Electronics Engineering.

Mission of the department

To empower students with state of art technologies to meet the growing challenges of the industry. To educate the students with strong foundations to enable them for continuing education. And to promote research through constant interactions with R&D organisations and industry.

National level technical Symposium “PROCYON’2k18”

PROCYON’2k22 a convention themed **“National level technical Symposium “PROCYON’2k18”** for engineering students has been organised by our EEE department of Anand Institute of Higher Technology on **08-03-2019** . **Dr.S.Velmurugan, Scientist , ETDC**, was honoured as chief guest and the souvenir was released by him. Students from many engineering colleges have actively participated in various events like Paper/Multimedia/oral presentation, Robotics, Project display, Technical quiz, Group discussion and photography.



GUEST LECTURE “POSITIVE MENTAL ATTITUDE”

A one day Guest lecture “Positive Mental Attitude” has been arranged by our department and was conducted on **12-09-2018**. The Guest lecture was conducted by Mr. Ramkumar Sethupathy, Group Manager Diversity, HCL Technologies Limited Nungambakkam, Chennai

About 22 students from the department actively participated in this event.



WORKSHOP ON MATLAB forEngineers

A one day workshop on “MATLAB for Engineers” has been arranged by our department and was conducted on **06-10-2018**.The workshop was conducted by **Mr.Immanuel Ebenezer, Assistant Proffessor**, EEE department of Anand Institute of Higher Technology

About 22 students from the department actively participated in the workshop.



PLACEMENT PROGRESS IN FEB'19

The following students have got placed during the month of february 2019.

S.NO.	Name of the student	Company placed
1	ARUL JOTHI KARTHIKA K	Sutherland, TSMT
2	ARUN KUMAR K	NCR
3	ATCHAYA R	TSMT
4	BALAJI K	I Process, TSMT
5	BHUVANESHWARAN K	TSMT
6	DHILIP N	I Process, TSMT
7	DINESH P	Thasmai, Sutherland, Qspider
8	DIVYA E	TSMT
9	GAYATHRI B	Elcompo, TSMT
10	GOUTHAMPRIYAN D	I Process, Sutherland(Non-Voice)
11	KARTHICK G	NCR, TSMT
12	KAVIARASAN C	NCR, TSMT
13	KAVIARASU J	NCR
14	LAKSHMANA KUMAR S	NCR
15	LOKESHWARAN H	Justdial, TSMT
16	MANIKANDAN N	NCR, TSMT
17	MANOJ S	Qspider
18	MOHAMED MOULA R	TSMT
19	MOHANA PRIYA K	Sutherland, Qspider, TSMT
20	MOHANA SUNDARAM V	NCR, TSMT
21	MONIKASHREE S	TSMT ,Sutherland(Non-Voice)
22	MONISHA M K	Mitsuba Sical, TSMT
23	MURUGAN E	NCR
24	NAVEEN N	I Process
25	NEETHU SINGH S	Mitsuba Sical, TSMT
26	NIRANJANAA DEVI P	TSMT
27	NIVETHA PRIYA K	TSMT
28	PALANI BALA CHANDIRAN B	TSMT

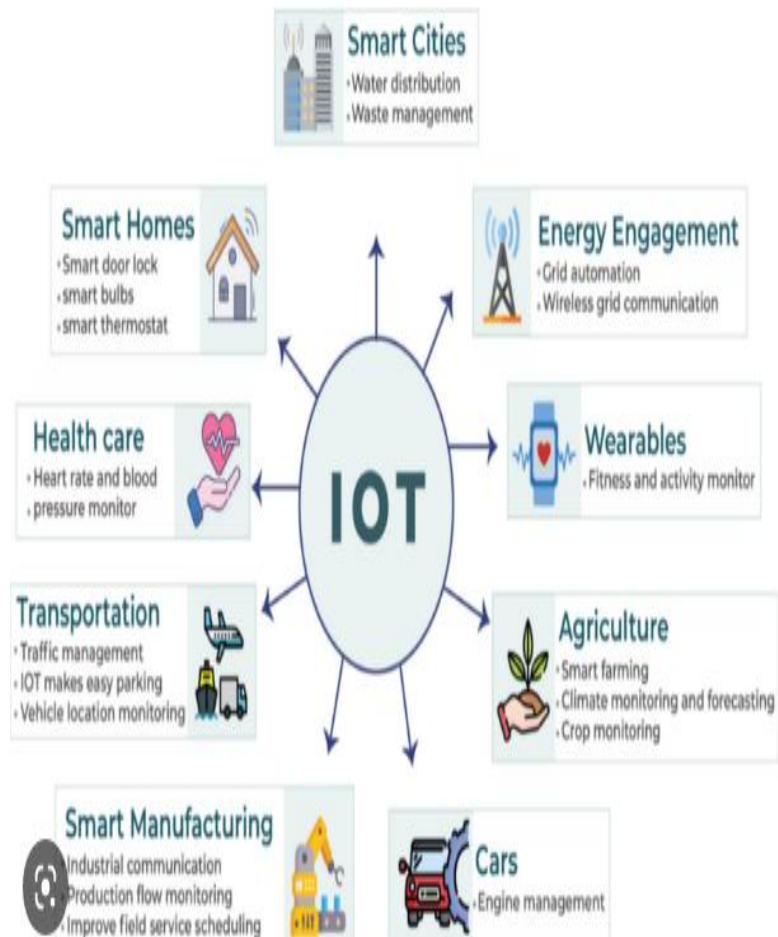
29	PRABHAKARAN C	Infosys,Thasmai
30	PRASHANTH M	WIPRO
31	PRATHIBA G	TSMT
32	PRAVEENA R	Sutherland,TSMT
33	PRAVEEN R	TSMT
34	PRAVIN KUMAR R	NCR,TSMT
35	PURUSHOTHAMAN M	I Process,NCR,TSMT
36	PUVIARASU B N	TSMT
37	RAMESH V	TSMT
38	RANGEELA A	Mitsuba Sical,TSMT
39	REKHA M	Sutherland
40	SARANYA V	WIPRO
41	SIVABALA V	TSMT ,Sutherland(Non-Voice)
42	SONAM	Sutherland,TSMT
43	SONIYA B	WIPRO
44	SWAMINATHAN M	NCR
45	VIGNESHSEKARAN G	Thasmai,TSMT
46	VIGNESH V	TSMT
47	VIJAYALAKSHMI G	Mitsuba Sical,Sutherland,Qspider,TSMT
48	YAZHINI S R	Mitsuba Sical,TSMT
49	MAGESHWARAN V	Justdial,TSMT
50	JAYA KUMAR S	TSMT
51	BALAJI S	TSMT
52	Poonguzhali D	TSMT
53	SIVA SANKAR.E	TSMT

Internet of Things (IoT)

The advent of 5G technologies, that has speeds 5x quicker than its precursor (4G), has increased IoT considerably. IoT could be an assortment of “things” connected through the Internet, from electronic devices, people, buildings, roads, processes, and even animals — just about everything we tend to see around.

Typical samples of IoT devices wearable technology, smartphones, and a range of sensors.

With the 5G network’s intensive rollout in 2021, a surge in technology IoT devices is anticipated. Within the industry, we’ll see good grids, actinic radiation communication, and good Lighting. Further, increasing the development trade, electrical contractors also will witness an increase in demand for putting in IoT systems in buildings

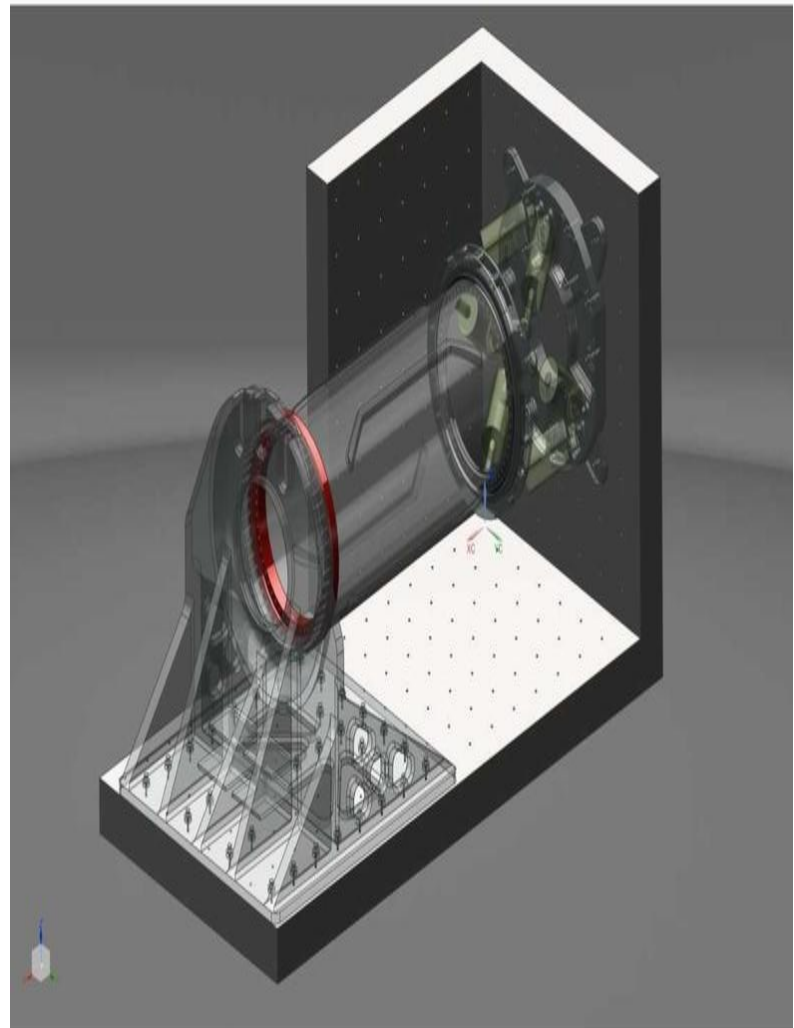


GETTING BLADE BEARINGS IN SHAPE FOR THE TURBINES OF THE FUTURE

In the HAPT research project (short for Highly Accelerated Pitch Bearing Test) researchers from the Fraunhofer Institute for Wind Energy and Energy System Technology IWES and the Institute of Machine Elements, Engineering Design and Tribology (IMKT) at Leibniz University of Hanover work together with the IMO group to establish the foundations for the further development of blade bearings.

In wind turbines in the 7-10 MW range, the wind drives blades of up to 80 m in length. Blade bearings, the interface between the hub and the blades, are the design bottleneck in the development of systems of this size.

As the load increases, faults in the blade bearings also increase exponentially and the rate of damage rises. At the same time, almost no information is available on how and why these faults develop. As a result, experience-based design of blade bearings, standard practice among manufacturers, is now reaching its limits.



Increased use of Drones

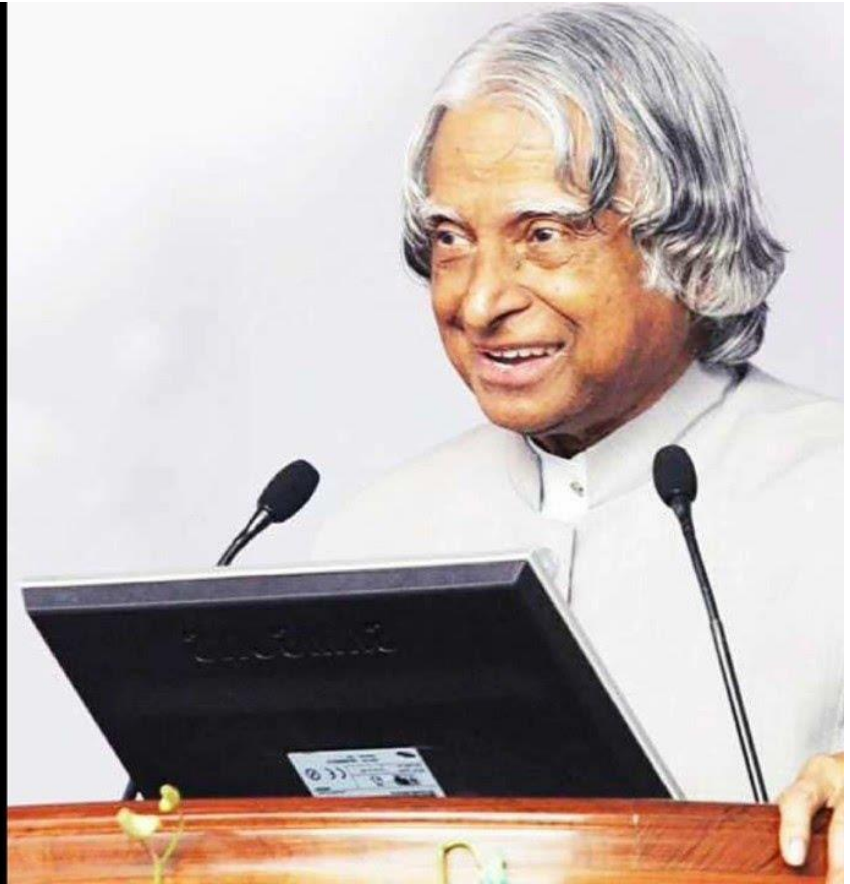
The use of drones goes far beyond the entertainment industry. A recent survey on some business sectors has shown the use of drones in the engineering and construction industries is increasing.

Did you know that using drones can increase safety on a construction site?

Electrical engineering service providers are using drones to examine certain hazardous electrical zones without putting themselves at risk. The Use of drones in the construction industry provides much-needed safety in the electrical engineering industry. Furthermore, drones are now helping to record, collect, and analyze data at the job site, thus increasing productivity and efficiency.



*Smile is the
electricity
and life is
battery.*



EDITORIAL BOARD

FACULTY:

Mrs.J.Christy Sudha, Asst.Professor / EEE

STUDENT :

1. Arul Jothi Karthika K - IV yr-EEE
2. Divya – IVyr-EEE
3. Pangaja.K -III yr EEE
4. Saravana Kumar.S – III yr-EEE
5. G.Murali- II yr-EEE

Publisher: EEE department