



LUMINACE-2018

FOUNDER'S MESSAGE



Kalvivallal Thiru T.Kalasalingam... B.com

Anand Institute of higher technology is the outcome of the vision and effort of **Kalvivallal Thiru T.Kalasalingam B.com**. The Anand Institute of Higher technology is the Founder's fervent desire to give back to the society that nurtured him.

The Founding Vision.....

“The fruit of sustained and concerted action imbibed with salubrious ideals and revolutionary vision of the faculty and management will bring forth the best in our student who by dint of their innovative ideas and persistent hard work will reach new heights, making them excellent in corporate, academic and society and social assets”.

It is his strong desire in life to build a center of excellence in technology in rural areas and to provide ample opportunities to the rural youth.

PRINCIPAL'S MESSAGE

Dr.D.DIWAKAR

I am delighted to know that the Department of Electrical and Electronics Engineering is releasing a news letter “**LUMINANCE**” on 12.04.18. I hope that the news letter will benefit both staff and student to enrich their knowledge. I wish them all success in their life.

Prof Dr.D.DIWAKAR PhD

HEAD OF THE DEPARTMENT'S MESSAGE

Mr.V.V.Rajasegharen

The department of EEE is releasing a newsletter named “**LUMINANCE**” on 16-03-2019. Its excellence in each and every aspect has played an important role in the institution. The purpose of this news letter is to discuss and access the recent trends and innovations in the fields of Engineering and Science. It also provides a forum for scientific debate and constructive interaction between the student updated to the recent trends and exchange of knowledge.

- Mr.V.V.Rajasegharen M.E, (PhD)

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 consultancy services in the frontier areas of Electrical and Electronics Engineering.

Mission of the Department

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

DEPARTMENT MILESTONES

- EEE Department was established in the year 2002-03.
- Machines lab was established in the year 2003-04.
- Association of EEE was started in the year 2003-04.
- Control system lab, Measurement & Instrumentation lab & Power Electronics Lab was established in the year 2004-05.
- Power system simulation lab was set up in the year 2006-07.
- Obtained NBA accreditation in the year 2008 & renewed in the year 2012.
- Our department has got approval for ME– Power Electronics & Drives in the year 2009.
- Conducted International conference on “Power quality & Power consumption system” by IEEE. In the year 2009-10.
- Our Department has a research centre recognised by Anna University to carry out collaborative research work in the year 2010-11.
- Anna University of Technology recognised research centre sanction of DRDO grant in AID Research project for two years was got in the year 2010-11.
- Intake of UG students were increased from 60 to 120 in the year 2011-12.
- Workshop on National Level CSIR-Sponsored “Future Research Perspectives on MEMS and

NEMS” was conducted in the year 2012-13.

- Received the teaching award for our department from Stafford Shire University, UK in the year 2013-14.
- Conducted Anna University sponsored Faculty Development training program on power quality in the year 2014-15.
- Obtained renewal in the accreditation status by the National board of accreditation (NBA) in the academic year 2015-2016.
- Our department faculty members and students participated in ICTACT 2015-16 activity BRIDGE 2016.
- National Level Technical symposium has been conducted on February 2017 named “**PROCYON2K17**”.
- Our department III year students with faculty member were participated in **SMART INDIA HACKATHON’18** grand finale at Chhattisgarh,
- National Level Technical symposium has been conducted on March-18 named “**PROCYON2K18**”.
- Our department students with faculty member were participated in **SMART INDIA HACKATHON’19** grand finale at jaipur,
- Inter college project expo has been conducted on 11-03-19 named “**PROCYON2K19**”.

DEPARTMENTAL ACTIVITIES

INDUSTRIAL VISITS

- In the year 2018, 23 students from III year EEE department visited “CSIR centre Taramani” dated on 26-09-2018.



- In the year 2018, 84 students from IV year EEE department visited “Neyveli lignite corporation - NLC” on 09-02-18.



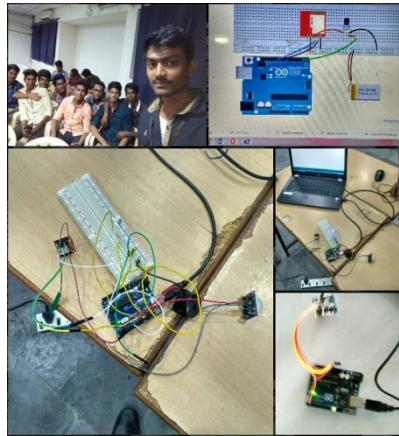
The industrial visits not only make the students get an exposure to the outside world as well as helps them to gain the practical knowledge on the industrial activities. The Industrial visits bridge the gap between the academic curriculum and the practical industrial engineering techniques. It also acts a basic idea for the students to choose their field of industry.

TNSI-BOOT CAMP

Our department students and staffs participated in the “TNSI BOOT CAMP” an innovative competition conducted by ANNA UNIVERSITY . The theme given was “**WELFARE CHRONOMETER**”. Based on women and children’s safety.



ECE-HACKFEST'18



- Our Department students of II and III year were participated and won second prize in inter college HACKFEST'18 with project titles of Water Pollution Detector, Human -Elephant Conflict, Blind People Navigation, Water Monitoring System, Automatic switching for power saving, Women's safety-using GPS&GSM module.

SMART INDIA HACKATHON'19

our students in a team(OMNITRICKS WORLD) of Six students 1.kousigan(III YR),2.saravana kumar (III YR) 3.vignesh(III YR) 4.sonam(IV YR) 5.mohana priya (IV YR) 6.Niranjana devi(IV YR) With mentors s.kumaran& v.sudanthiradasan participated and presented their project in "SMART INDIA HACKATHON-2019"



PROJECT EXPO - 'PROCYON 2K19'

Our Department students of II year, III year and IV year students had organized inter college technical project expo with innovative ideas.



PROCYON 2K19

A Inter college project expo for the year 2019 was conducted in march 11 PROCYON'19. More than 560 students from our college is participated in the event.



EEE DEPARTMENT ALUMNI MEET - 2018(30-09-18)

Our department's alumni meet held at AIHT mini auditorium. Alumni form a special stakeholder for an Institute as their only interest is to see the Institute flourish and grow in stature – the more the Institute grows in stature the better it is for the alumni. This makes them a unique stakeholder as all other stakeholders like students, faculty, staff and administration, have other stakes as well.





An opportunity was given to every alumnus to share their experience on their career. Many valuable suggestions on the future direction for research & teaching priorities were shared. All the participants opined that the alumni could play an active role in the growth & development of AIHT & also pledged their active support for the same.

SPORTS EXCELLENCE

Name	Sports name	Level	Place	Total no. of students
J. Narendran N. Naveen (IV YEAR)	Cricket	Zonal Level	SMK Fomra Institute of Technology	2

INDUSTRIAL VISIT

NAME	INDUSTRIAL VISIT
II YEAR STUDENTS	sun beam generators pvt.lt (08.02.18)
III YEAR EEE	CSIR

PROJECT PROPOSAL

NAME OF THE STUDENT	YEAR	PROJECT TITLE	VENUE
Ramesh Praveen Praveen kumar Prashanth Balaji	III/B	Smart agriculture	SMART INDIA HACKATHON'18
R.Praveen RAMESH	IV/B	IOT based distribution transformer and monitoring system	TSCST (NOV 2018)
Kousigan.E	III	WOMENS AND CHILDREN SAFETY WATCH	CED, ANNA UNIVERSITY(30.01.19)
Goutham Priyan Bhuvaneshwaran Manoj	IV/A	Smart agriculture-Urban farm	CED, ANNA UNIVERSITY (30.01.19)
PRADEEPA	IV/B	AGRICULTURE	CED, ANNA UNIVERSITY (30.01.19)
Kousigan . E Saravana kumar Vignesh Sonam Mohana priya Niranjana devi	III III III IV/B IV/A IV/A		SMART INDIA HACKATHON'19

SEMINARS

TOPIC	RESOURCE PERSON	VENUE	STUDENTS ATTENDED
AWARENESS ON INDUSTRIAL PROCESS AUTOMATION	MR.ARUL SPARK E&I TECHNOLOGIES	AIHT ON 29/12/18	III AND IV YEAR OF EEE
Embedded and Robotics	Zeemath Automations	27.08.18-29.08.18	III AND IV YEAR OF EEE
Automation of Electric Power Generation	Automation of Electric Power Generation	18.8.18	III AND IV YEAR OF EEE
Carrier guidance	Educational matters	25.07.18	III YEAR STUDENTS

WORKSHOP

NAME OF THE STUDENT	WORKSHOP	VENUE	RESOURCE PERSON
III YEAR OF EEE	ARDUINO AND IOT BOARD	AIHT 2.2.18 & 3.2.18	Mr.B.Krishnan AP-I/EEE

			AIHT
III YEAR A&B	PLC SCADA	AIHT 30.8.17 & 31.1.18	Zeemath Automations
Thirunavukuarasu Kousigan (II & III YEAR)	Sustainable consumption of energy and water	Anna University 14.12.18	CERD DEPT
III YEAR EEE II YEAR EEE	ENTERPRENAUSHIP AWARENESS CAMP	AIHT 31.1.19,1.2.19 &2.2.19	Mr.Vignesh INSERITO SYSTEMS LLP
Gokul Ram (III year)	PLC & SCADA workshop hands on programme.	SSN College of Engineering	
SARAVANA KUMAR.S (III YEAR) KOUSIGAN.E PANGAJA.K PAVITHRA.K PRADEEPA.P	Electron	Anna University	
GOUTHAMPRIYAN D (IV/A) BHUVANESHWARAN K LOKESHWARAN H MANIKANDAN N MANIMARAN K MANOJ S DHILIP N GAYATHRI B ARUL JOTHI KARTHIKA K NEETHU SINGH S NIRANJANAA DEVI P MAGESHWARAN V	PIC MICROCONTROLLER	VIT	
GOUTHAMPRIYAN D (IV/A) BHUVANESHWARAN K MANOJ S	Entrepnuership	Anna university	

INTERNSHIP

NAME	INTERNSHIP	PROJECT TITLE
Sudanthiradasan (2014-2018)	CERD-AIHT	
R.Ganesh Babu	Summer Internship Program, CERD,AIHT	Improve agriculture
Atchaya. R and team members (Twinklers)III YEAR EEE	Summer Internship Program, CERD,AIHT	Automatic charging
Soniya and team members	Summer Internship Program,	Irony in Greenary

(Agrain)III YEAR EEE	CERD,AIHT	
Bhuvaneshwaran K (Iv/A) Manikandan N Mageshwaran V Dinesh P Gayathri B Arul Jothi Karthika K	BSNL	Telecommunication & Network Design
Sonam (Iv/B)	Kalpakkam	Temperature detection in heat exchanger of nuclear power plant

SYMPOSIUM

NAME	COLLEGE	EVENT PARTICIPATED
PANGAJA.K (III YEAR) PAVITHRA.K	JPR ENGINEERING COLLEGE	CIRCUIT DEBUGGING
PANGAJA.K (III YEAR) PAVITHRA.K PRADEEPA.P	PRINCE SRI VENKATESWARA COLLEGE OF ENGINEERING	PAPER PRESENTATION
PANGAJA.K (III YEAR) PAVITHRA.K PRADEEPA.P	PRINCE SRI VENKATESWARA COLLEGE OF ENGINEERING	CIRCUIT DEBUGGING
PANGAJA.K (III YEAR) PAVITHRA.K PRADEEPA.P GOKUL RAM.I	SRM EASWARI ENGINEERING COLLEGE	CIRCUIT DEBUGGING
GOUTHAMPRIYAN D(IV A)	TAGORE COLLEGE OF ENGINEERING	CIRCUIT DEBUGGING

INPLANT TRAINING

NAME	PLACE	DURATION
JAYA KUMAR S NEETHU SINGH S	NEYVELI	ONE WEEK

PLACEMENT DETAILS

S.No	Name	Department	Company Name	CTC PA
1	B.Soniya	EEE	WIPRO	3.5 Lakh
2	M.Prashanth	EEE	WIPRO	3.5 Lakh

3	V.Saranya	EEE	WIPRO	3.5 Lakh
4	C.Prabhakaran	EEE	Infosys	3.5 Lakh
5	P.Dinesh	EEE	Qspider	2.5-4.5 Lakh
6	K.Mohana Priya	EEE	Qspider	2.5-4.5 Lakh
7	G.VijayaLakshmi	EEE	Qspider	2.5-4.5 Lakh
8	S.Monoj	EEE	Qspider	2.5-4.5 Lakh
9	K.MOHANA PRIYA	EEE	Sutherland	2.65 Lakh
10	K.ARUL JOTHI KARTHIKA	EEE	Sutherland	2.65 Lakh
11	SONAM	EEE	Sutherland	2.65 Lakh
12	M.REKHA	EEE	Sutherland	2.65 Lakh
13	R.PRAVEENA	EEE	Sutherland	2.65 Lakh
14	G.VIJAYALAKSHMI	EEE	Sutherland	2.65 Lakh
15	P.DINESH	EEE	Sutherland	2.65 Lakh
16	C.Prabhakaran	EEE	Thasmai Automation	2.6-3.7 Lakh
17	G.Vignesh Sekaran	EEE	Thasmai Automation	2.6-3.7 Lakh
18	P.Dinesh	EEE	Thasmai Automation	2.6-3.7 Lakh
19	G.VIJAYALAKSHMI	EEE	Mitsuba Sical	1.5 Lakh
20	S.R.YAZHINI	EEE	Mitsuba Sical	1.5 Lakh
21	S.NEETHUSINGH	EEE	Mitsuba Sical	1.5 Lakh
22	M.K.MONISHA	EEE	Mitsuba Sical	1.5 Lakh
23	A.RANGEELA	EEE	Mitsuba Sical	1.5 Lakh
24	B.Gayathri	EEE	Elcompo Electronics	1.3 Lakh
25	H.Lokeshwaran	EEE	Justdial	3.03 Lakh
26	V.Mageshwaran	EEE	Justdial	3.03 Lakh
27	K.BALAJI	EEE	I Process	2.00Lakh
28	GOUTHAM PRIYAN	EEE	I Process	2.00Lakh
29	N.DHILLEP	EEE	I Process	2.00Lakh
30	N.NAVEEN	EEE	I Process	2.00Lakh
31	R.PURUSHOTHAMAN	EEE	I Process	2.00Lakh
32	KAVIARASAN C	EEE	NCR	2.8 Lakh
33	LAKSHMANA KUMAR S	EEE	NCR	2.8 Lakh
34	MANIKANDAN N	EEE	NCR	2.8 Lakh
35	KARTHICK G	EEE	NCR	2.8 Lakh
36	ARUN KUMAR K	EEE	NCR	2.8 Lakh
37	KAVIARASU J	EEE	NCR	2.8 Lakh
38	PRAVIN KUMAR R	EEE	NCR	2.8 Lakh
39	PURUSHOTHAMAN M	EEE	NCR	2.8 Lakh
40	MOHANA SUNDARAM V	EEE	NCR	2.8 Lakh
41	SWAMINATHAN M	EEE	NCR	2.8 Lakh
42	MURUGAN E	EEE	NCR	2.8 Lakh
43	JAYAKUMAR	EEE	TSMT	

44	PUVIYARASU	EEE	TSMT	
45	NEETHU SINGH	EEE	TSMT	
46	MOHANAPRIYA	EEE	TSMT	
47	BALAJI S	EEE	TSMT	
48	YAZHINI	EEE	TSMT	
49	MOHANASUNDHARAM	EEE	TSMT	
50	DHILIP	EEE	TSMT	
51	PRAVEENA	EEE	TSMT	
52	MANIKANDAN N	EEE	TSMT	
53	Prathiba G	EEE	TSMT	
54	Bhuvaneshwaran K	EEE	TSMT	
55	Rangeela	EEE	TSMT	
56	Maheswaran K	EEE	TSMT	
57	Vijaylakshmi G	EEE	TSMT	
58	Niranjana Devi P	EEE	TSMT	
59	Gayathri B	EEE	TSMT	
60	Atchaya R	EEE	TSMT	
61	Purushothoman M	EEE	TSMT	
62	Kaviarasan	EEE	TSMT	
63	Harish M	EEE	TSMT	
64	Vignesh sekaran G	EEE	TSMT	
65	Murugan R	EEE	TSMT	
66	Sonam	EEE	TSMT	
67	Dhivya E	EEE	TSMT	
68	Karthick G	EEE	TSMT	
69	Ramesh V	EEE	TSMT	
70	Arul Jothi Karthiga K	EEE	TSMT	
71	Monika Sri S	EEE	TSMT	
72	Poonguzhali D	EEE	TSMT	
73	Vignesh V	EEE	TSMT	
74	Nivetha Priya K	EEE	TSMT	
75	BALAJI.K	EEE	TSMT	
76	HARISH.A.S	EEE	TSMT	
77	MOHAMED MOULA	EEE	TSMT	
78	PALANI BALACHADIRAN	EEE	TSMT	
79	SIVA BALA.V	EEE	TSMT	
80	MONISHA.M.K	EEE	TSMT	
81	LOKESHWARAN.H	EEE	TSMT	
82	SIVA SANKAR.E	EEE	TSMT	
83	PRAVIN KUMAR.R	EEE	TSMT	
84	PRAVEEN.R	EEE	TSMT	